Final
Additional AOC 9 Predesign Investigation
Data Summary Report

Former Griffiss Air Force Base
Rome, New York

Contract No. W912DQ-06-D-0012

November 2007

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Certificate of Compliance

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Data Summary Report

November 2007

On behalf of Ecology and Environment Engineering, P.C. (EEEPC), the undersigned certify that the attached document(s) were developed in conformance with EEEPC's Scope of Work, contract requirements and further, that the work was performed in accordance with acceptable standards of engineering and scientific practice.

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List of Abbreviations and Acronyms

AFRPA	Air Force Real Property Agency
AOC	area of concern
BGS	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene
CB	chlorobenzene
DCB	dichlorobenzene
DUSR	Data Usability Summary Report
EEEPC	Ecology and Environment Engineering, P.C.
ELAP	Environmental Laboratory Accreditation Program
FID	flame ionization detector
FS	Feasibility Study
IDW	investigation-derived waste
LS	Life Sciences Laboratories, Inc.
MS/MSD	matrix spike/matrix spike duplicate
NAD	North American Datum of 1983
NELAP	National Environmental Laboratory Accreditation Program
NYSDEC	New York State Department of Environmental Conservation
OBGW	On-Base Groundwater
PCE	perchloroethylene
PDI	Predesign Investigation

List of Abbreviations and Acronyms (cont.)

PID	photoionization detector
ppb	parts per billion
ppm	parts per million
QA	quality assurance
QC	quality control
TAT	turn-around time
TCA	trichloroethane
TCE	trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
TW	temporary monitoring well
UFPO	Underground Facilities Protection Organization
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VOC	volatile organic compound
WSA	Weapons Storage Area

1 Introduction

Ecology and Environment Engineering, P.C. (EEEPC), together with Parsons Infrastructure & Technology Group, Inc. (Parsons), under contract to the United States Army Corps of Engineers (USACE), Kansas City District, Contract No. W912DQ-06-D-0012, performed an Additional Predesign Investigation (PDI) at the On-Base Groundwater (OBGW) Area of Concern 9 (AOC 9) at the former Griffiss Air Force Base (Griffiss AFB) in Rome, New York.

1.1 Purpose of Investigation

The Additional AOC 9 PDI was conducted in order to better define both the suspected contaminant source areas for potential excavation and the extent of groundwater contamination upgradient (east northeast) of Building 913 detected during the Predesign Investigation 2 performed by Parsons (Parsons 2007). This information will be used in the remedy selection and remedial design for the site.

1.2 Site Description and Groundwater Contamination Summary

1.2.1 AOC 9

AOC 9 is located on the north side of the main runway extending from the former weapons storage area (WSA) south to Six Mile Creek (see Figure 1-1). Buildings in the area include weapons storage bunkers (Buildings 912 and 913), a weapons maintenance facility (Building 917), and a hazardous material storage shed (Building 915). From 1943 to 1957, this area was used as a base landfill. Much of the landfill material was removed from the area in the 1950s as the WSA was constructed. The primary contaminant exceeding NYSDEC Class GA Groundwater Standards at this site is chlorobenzene (CB), with 1,2-dichlorbenzene, 1,4-dichlorobenzene, perchloroethylene (PCE), trichloroethene (TCE), dichloroethene (DCE), and vinyl chloride (VC) also exceeding Class GA Groundwater Standards by at least one order of magnitude. In September 2004, the maximum CB concentration of 1,320 parts per billion (ppb) was recorded in Geoprobe Well GP44S2, which is located approximately 100 feet north of Perimeter Road. Four predesign monitoring wells (AOC9-MW14 through MW17) were installed and groundwater was sampled during the PDI in October/November 2006. Analytical results obtained from monitoring well AOC9-MW14 (1,989 ppb total VOC concentration), which is located approximately 150 feet downgradient of Building 913, indicated that a source existed upgradient (see Figure 1-2).

Between February and April 2007, 25 temporary wells (TW18 through TW43) were installed during the PDI 2 work to evaluate if a CB plume/source was present upgradient of monitoring well MW-14.

The results of the PDI 2 investigation at AOC 9 indicated that a potential source of CB was present upgradient of Building 913. AOC9-TW39 (approximately 280 feet northeast of MW-14) and AOC9-TW32 (80 feet upgradient of MW 14) have concentrations of CB of 14,400 ppb and 8,580 ppb, respectively (Parsons 2007).

The contaminated aquifer north of Perimeter Road is composed of silty-fine to medium-grained sands with little coarse sand with discontinuous gravel seams. North of Perimeter Road, the aquifer is found in an interval from approximately 3 to 28 feet below ground surface (BGS). South of Perimeter Road there is less overburden and the aquifer extends from 1 to 18 feet BGS. A thin till layer above the Utica Shale bedrock underlies the aquifer, but contamination has not been detected in the bedrock.

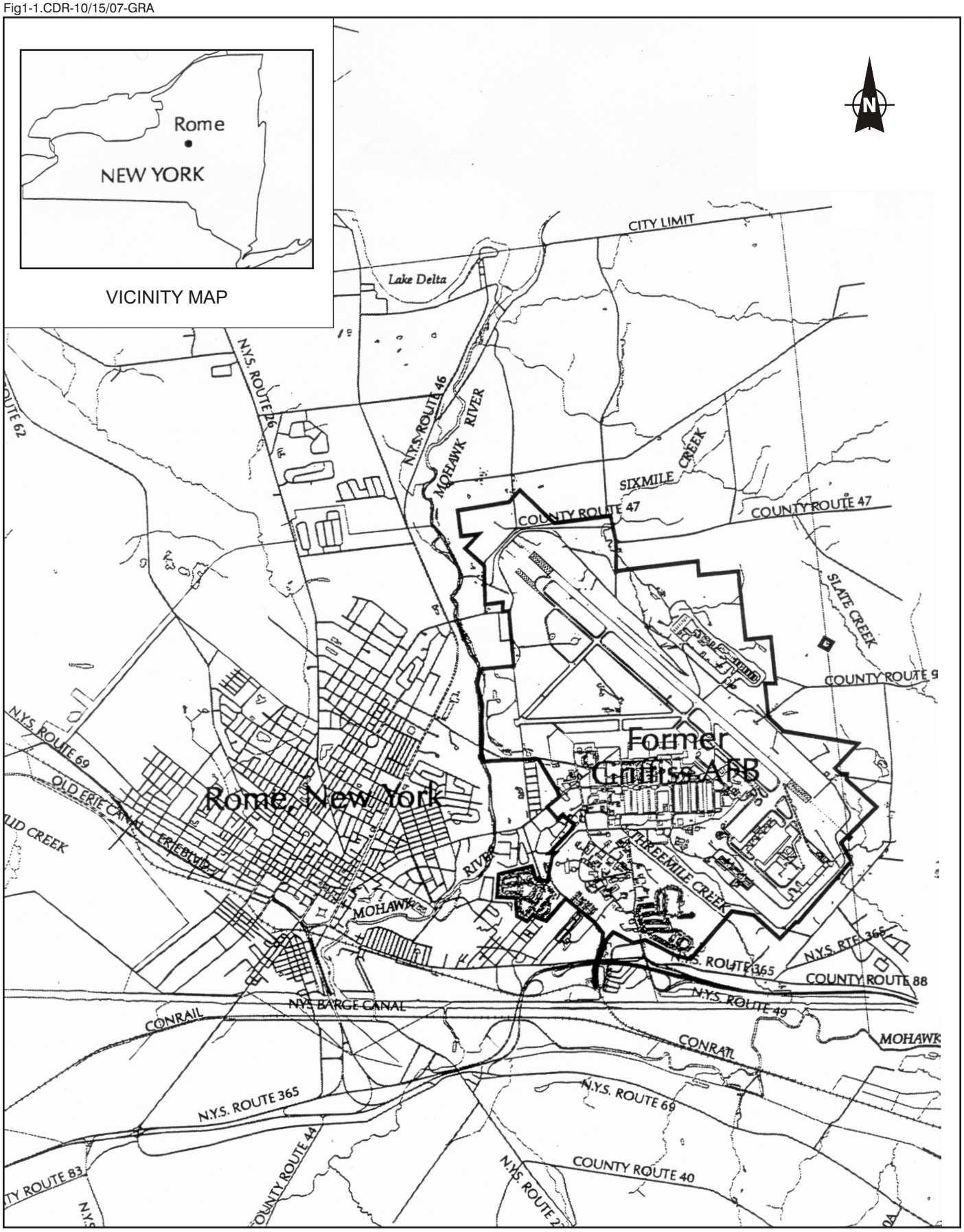
1.3 Proposed Remedial Design Summary

The following briefly describes the formerly proposed remedial actions to be implemented at AOC 9.

As described in the Final Feasibility Study (FS) (E & E 2004), in situ chemical oxidation using Fenton's reagent was the proposed remedy at AOC 9. Performance monitoring and long-term monitoring was proposed using a total of nine wells. Monitoring was anticipated to extend for 10 years beyond the final oxidation injection.

Based on the results of the PDI 2 investigation at AOC 9, and the findings presented in this document, Parsons Infrastructure & Technology Group, Inc. is currently reevaluating remedial options for AOC 9. In addition, the FS for AOC 9 will be revised, and a proposed plan and record of decision will be prepared for AOC 9. Designs will be finalized and described in detail in future submittals.

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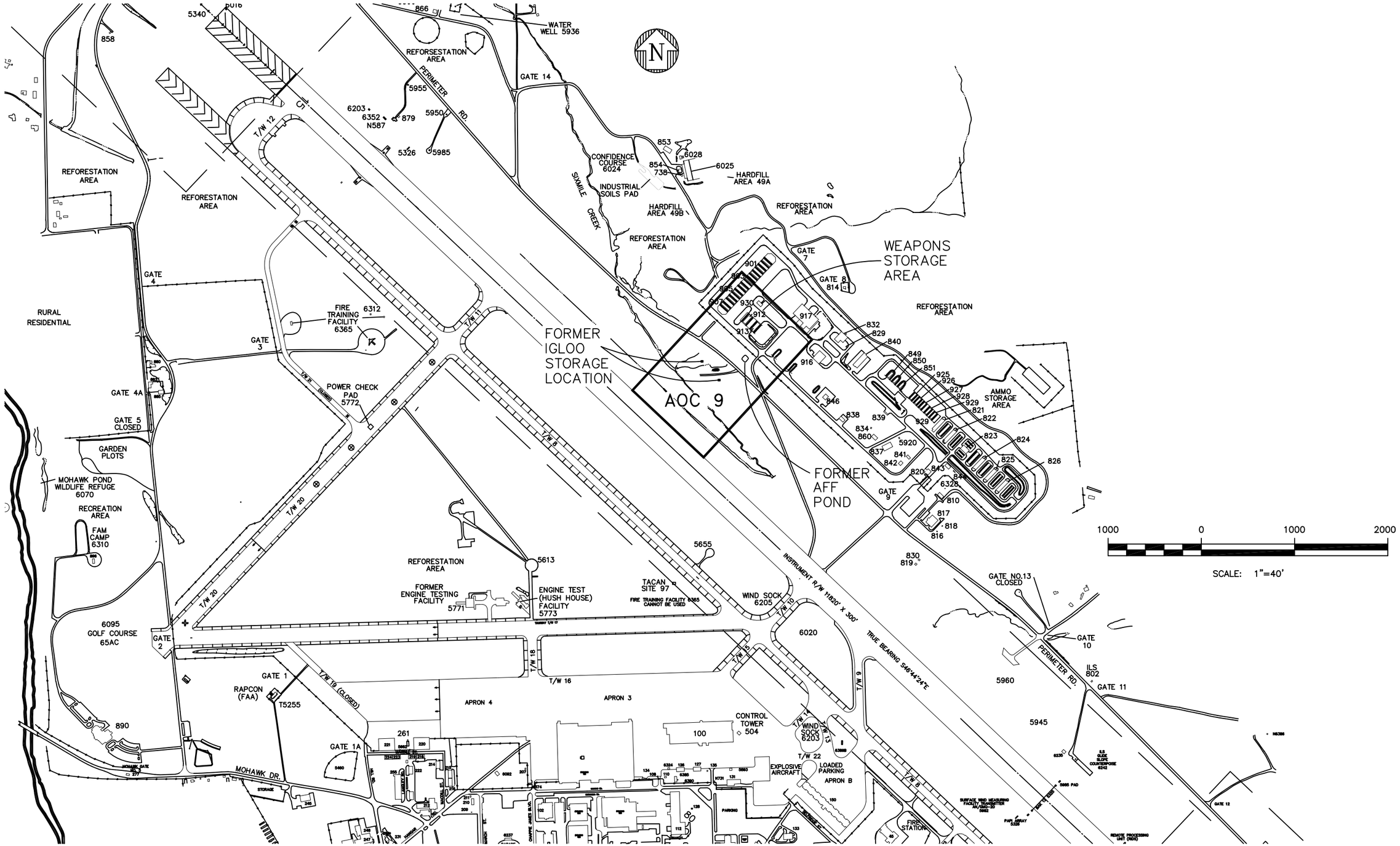


SCALE

0 300 600 Feet

Figure 1-1 FORMER GRIFFISS AFB - BASE LOCATION MAP

F:\Griffiss\AOC9 TW Surveyed 7-5-07\Figure 1-2.dwg



GRIFFISS AFB OBGW SITES
AOC 9 SITE
ROME, NEW YORK

Prepared by: parsons

In Association with: FPM group; ecology and environment engineering p.c.

DRAWING TITLE:
ADDITIONAL AOC 9
PREDESIGN INVESTIGATION
SITE LOCATION MAP

FIGURE 1–2

2 AOC 9-Investigation Activities

This section discusses the field activities performed during the Additional AOC 9 PDI. The work performed at AOC 9 described in this report was performed in accordance with the Final Work Plan for Additional AOC 9 Predesign Investigation (EEEPC 2007b), and Final Work Plan for Phase 2 of the Additional AOC 9 Pre-design Investigation (EEEPC 2007a). The Additional AOC 9 PDI field activities were performed in two phases. The initial phase (Phase 1) of the investigation was conducted in June 2007. Following a review of the data generated during Phase 1, the Air Force Real Property Agency (AFRPA), USACE, and the Parsons team agreed that Phase 2 of the investigation should be performed. Phase 2 of the Additional AOC 9 PDI was conducted in September and October, 2007.

2.1 Scope of Work

AOC 9 contains a mixed plume of CB and TCE as well as their breakdown products. Investigation activities included drilling and installation of temporary monitoring wells, purging and sampling of temporary monitoring wells, drilling and sampling of soil borings, and test pit excavations. Prior to initiation of field activities, utilities clearance was performed by contacting New York Underground Facilities Protection Organization (UFPO) at 1-800-962-7962. The USACE and AFRPA were notified that UFPO was contacted. UFPO representatives visited the site to clear areas for subsurface work in which drilling/excavating activities were planned. All groundwater samples were analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method SW8260. Analyses were performed by Life Sciences Laboratories, Inc. (LS), of East Syracuse, New York, a laboratory approved by both the New York State Environmental Laboratory Accreditation Program (ELAP) for this analytical method, and the National Environmental Laboratory Accreditation Program (NELAP). In general, reporting limits of 1 ppb were used for all VOC compounds. Several soil and groundwater samples collected required dilutions based on levels of target compounds present.

The following subsections describe the work performed at AOC 9. Photos of soil cores obtained while installing soil borings and of the test pit excavations are included in Appendix A.

2.1.1 Temporary Monitoring Well Installation

Fifty-six temporary groundwater monitoring wells (TW42, TW44 through TW52, TW54, TW54B, TW56 through TW62, TW65 through TW77, and TW78 through TW103) and one piezometer (PZ-1) were installed between June 11, 2007, and September 24, 2007, to better define the contaminant plume and measure groundwater elevations (see Figure 2-1). Temporary monitoring wells (TWs) were installed at depths ranging from 4.4 to 27.4 BGS and constructed with either a 5-foot or a 10-foot (1-inch diameter, 0.01-inch slot) prepacked PVC screen. TWs TW42 through TW97 were installed with 10-foot screens placed across the center of the water column. TWs TW98 through TW103 were installed with a 5-foot screen placed across the top of the water column to provide analytical data from the top of the water column. Well construction details are provided in Table 2-1.

2.1.2 Groundwater Sampling

Groundwater screening samples were collected from TW41, TW43 and all new TWs, and analyzed with either a 24 hour or a 7 day turn-around time (TAT) by Life Sciences Laboratory, located in East Syracuse, New York. In addition, a water sample was collected from the drainage system lift station located at the northwest corner of Building 917. Groundwater screening samples were analyzed for VOCs (USEPA Method SW8260), in accordance with the Field Sampling Plan Long-Term Monitoring Program, Revision 3.0 (FPM 2005). Prior to collection of the groundwater screening samples, a minimum of three well volumes of groundwater was purged from each TW. The TWs were purged with either a dedicated bailer and/or peristaltic pump and dedicated tubing. Field parameters (turbidity, pH, temperature, and conductivity) were collected and recorded during purging; however, collection of the screening samples was not dependent on stabilization of the field parameters. The completed groundwater sampling forms are provided in Appendix B and a list of samples collected is provided in Table 2-3. Static water levels were also measured and recorded for each new TW as well as existing monitoring wells on site (see Tables 2-1 and 2-2).

2.1.3 Soil Boring Installation and Sampling

Forty two soil borings (SB01 through SB42 were installed to Geoprobe refusal and soil samples were collected to assess the extent of soil contamination (see Figures 2-1 and 3-2). Appendix C contains the Geotechnical logs generated for each soil boring. A list of samples collected is provided in Table 2-3. Continuous soil cores were collected from each soil boring using the Geoprobe Macrocore System. Soil cores were screened in the field with a photo ionization detector (PID) and flame ionization detector (FID) (see Table 3-3). Generally, two soil samples were collected and analyzed for VOCs (USEPA Method SW8260) from each soil boring. In a small number of soil borings either poor soil core recovery or shallower than expected geoprobe refusal prevented the collection of the two planned samples. The first soil sample was collected to characterize the most contaminated intervals based on field FID/PID readings, and the second was collected from the first interval beneath the zone of contamination, which did not exhibit

significantly elevated FID/PID readings. In addition, seven of the soil borings (SB26 through SB32) also had a third soil sample collected from above the contaminated zone and/or the water table and analyzed for VOCs. These seven additional samples were collected to characterize the fill materials (primarily sand and gravel) present above the water table and associated zone of contamination.

Soil boring SB40 was installed at the same location as SB12, which had the highest total VOCs concentration (1,600 parts per million [ppm]) detected in soil during the June 2007 sampling event (see Figure 3-2). A single composite soil sample was collected from SB40. This soil sample is a composite of the entire zone of contamination encountered, based on FID/PID readings, and was analyzed for full Toxicity Characteristic Leaching Procedure (TCLP) parameters for potential landfill acceptance purposes. Analytical results from the composite soil sample collected from SB40 are provided in Appendix I.

2.1.4 Test Pit Excavation

Three Test Pits (TP-1 through TP-3) were excavated at AOC 9 on October 16, 2007 (see Figure 2-1). The test pits were excavated with a track-mounted excavator, capable of excavating to 15 feet BGS. No PID readings above background were detected in the breathing zones of the personnel observing the excavations or the equipment operator during any of the excavation activities, or from the soils excavated from TP-1 or TP-2. Soils excavated from TP-3 did exhibit elevated PID readings (7.0 to 20.1 ppm) from soils excavated between 4 and 7 feet BGS. The contaminated soil was segregated with plastic sheeting to allow it to be placed back into the test pit at the depth from which it was removed. Care was taken to segregate the various surface (fill) and subsurface (sand) materials encountered by stockpiling the materials separately. Upon completion, the excavations were backfilled in reverse order with the soils removed, (e.g., soil removed last will be backfilled first). The site surfaces were then returned to original grade.

Test pit dimensions, along with a lithologic description, were recorded by the EEEPC project engineer on the Trench Logs provided in Appendix D. Photographs taken to provide photodocumentation of the test pit excavations are provided in Appendix A.

TP-1 was excavated approximately 5 feet north of temporary monitoring well TW52, in the bottom of the drainage ditch, east of Building 913 in order to collect a subsurface soil sample from this area. TP-1 is the only test pit from which a soil sample was collected. TP-1 was excavated to a final length of approximately 12 feet and a total depth of approximately 6.5 feet. TP-1 Soil sample AOC9-TP1-6.5' was collected and analyzed for VOCs (USEPA Method SW8260) from immediately below the water table at a depth of 6.5-feet bgs.

The location of TP-2 was chosen because it is an area of lower levels of contamination, that based on geologic logs generated during the previous sampling event,

is similar (i.e., contains fill material on the mound adjacent to Building 913, sand beneath the adjacent drainage ditch, and road base to the north) to the area surrounding SB01 and SB12, which contain the highest levels of contamination detected in the soil, and therefore is representative of the various materials found at AOC 9.

The TP-2 excavation was approximately 47 feet long and 13 feet deep and extended from the location of soil boring SB41 southwest onto the mound adjacent to Building 913. TP-2 was excavated to observe the stability of the exposed excavation wall, both above and below the water table.

TP-3 was excavated at the location of soil boring SB36, at which Geoprobe refusal was encountered five times during soil boring drilling activities at depths of six to eight feet BGS. The purpose of TP-3 was to determine the cause of the Geoprobe refusals at this location.

2.2 Site Survey

Ground surveys were performed by LaFave, White & McGivern LS, PC in July and October 2007 to obtain horizontal locations and vertical elevations of new temporary monitoring wells and soil borings. The ground survey utilized the existing benchmarks located on the Griffiss Air Force Base and is in the New York Central North American Datum of 1983 (NAD 83) State Plane coordinate system. Horizontal measurements and vertical measurements were obtained to an accuracy of 0.001 feet and 0.01 feet, respectively. Survey results are shown in Section 2 and 3 figures in this report. The survey data is provided in Appendix E.

2.3 Equipment Decontamination

Equipment decontamination was performed in accordance with the work plans (EEEPC 2007a and 2007b). The Geoprobe rig and all appurtenances were decontaminated by the drilling subcontractor with high-pressure steam prior to arrival to the site. All equipment was decontaminated again upon arrival to the site to remove road dirt only. Moreover, the subcontractor decontaminated all the equipment with high-pressure steam prior to leaving the site. Decontamination of all down hole Geoprobe rods was performed in accordance with the work plans prior to and after each temporary well and soil boring location.

The excavator used to excavate test pits TP-1 through TP-3 was decontaminated by the drilling subcontractor with high-pressure steam prior to arrival to the site. All equipment was decontaminated again upon arrival to the site to remove road dirt only. Moreover, the subcontractor decontaminated all the equipment with high-pressure steam prior to leaving the site.

2.4 Investigation-Derived Waste (IDW)

Investigation-derived soils and water were screened in the field using a FID to determine whether these wastes were contaminated. In accordance with the work plans (EEEPC 2007a and 7b), because FID readings were less than 5 ppm for all

purge water and decontamination water, the water was discharged to the ground surface adjacent to the location at which it was generated. All soils removed during soil boring installation were also screened with the FID. All soils from which FID readings greater than 5 ppm were obtained, were containerized in one 55-gallon drum, labeled, and temporarily staged behind Building 913. The soil drum will be properly disposed of along with any IDW generated during the remediation of AOC 9.

2.5 Quality Assurance/Quality Control

Quality Assurance/Quality Control (QA/QC) samples were collected for each site in accordance with the work plans (EEEPC 2007a and 2007b). Analytical data has been validated for samples collected as part of this investigation. Raw data and the Data Usability Summary Report (DUSR) are presented in Appendices F and G, respectively. USACE personnel were present to observe temporary monitoring well drilling/installation and sampling, soil boring drilling/sampling, and Test pit excavation activities.

Field QC samples included three groundwater and four soil duplicates, and nine trip blanks. Duplicate samples provide insight as to the homogeneity of the sample matrix and establish a degree of confidence that the sample represents site conditions. Field duplicates were collected at the rate of one duplicate per 20 original samples (5%). The field duplicates showed good precision, except for 1,4-dichlorobenzene in the field duplicate of AOC9-SB18-1(8.5) and 1,3,5-trimethylbenzene for the field duplicate of AOC9-SB24-1(12.5). Considering the complex matrix of the soil samples, the two outliers do not indicate problems with analytical or sampling techniques.

Trip blanks were collected to establish that the transport of sample canisters to and from the field did not result in the contamination of the sample from external sources. Trip blanks were included in each shipment of ground water samples. Trip blank results are discussed in the DUSRs in Appendix G. Methylene chloride was detected at trace levels in five of the trip blanks. 1,4-Dichlorobenzene was detected at trace levels in two trip blanks. Similar concentrations of 1,4-dichlorobenzene were detected in samples AOC9-TW52-GW, AOC9-TW98-GW, AOC9-TW99-GW, AOC9-TW101-GW, AOC9-TW102-GW and AOC9-TW103-GW and were qualified as 'U - not detected'. The methylene chloride results for sample AOC9-TW99-GW were also qualified based on the associated trip blank. Methylene chloride is a common laboratory contaminant and was detected at similar concentrations in several of the laboratory method blanks. 1,4-Dichlorobenzene is not a common laboratory contaminant, but concentrations detected in the trip blanks were not significant and do not indicate contamination concerns.

Matrix spike/spike duplicate (MS/MSD) samples were collected for groundwater samples AOC9-TW47-GW, AOC9-TW60-GW, AOC9-TW86-GW, and for soil samples AOC9-SB11-1(11.5), AOC9-SB16-1(15.5), AOC9-SB23-2(15.5) and

AOC9-SB39-01. Recovery outliers are summarized in the DUSRs in Appendix G. Groundwater MS/MSD recoveries were acceptable except for several high recoveries for sample AOC9-TW47-GW. Low recoveries for several compounds were reported for the soil MS/MSD analyses.

The poor recoveries are due to interferences from the target compounds present and potential matrix effects. The high concentration of target compounds in parent samples produced lower spike recoveries with a low bias. The associated results are flagged "J" as bias low and estimated. The other sample results were qualified because the impacts appeared to be sample-specific and related to the higher concentration of target compounds, and the need to analyze the sample at a dilution. Associated laboratory control samples were acceptable, confirming matrix effects as the cause of poor recoveries.

2.6 Work Plan Deviations

Deviations from the work plans (EEEPC 2007a and 2007b) are documented on Field Adjustment Forms (see Appendix H) and presented below:

- Three test pits were excavated at AOC 9, as described in Section 2.1.4 of this report, instead of the single test pit described in the work plan (EEEPC 2007a). The additional test pit excavations were approved by USACE.

Table 2-1 Additional AOC 9 Predesign Investigation Well Construction Summary
Former Griffiss Air Force Base, Rome, New York

Monitoring Well ID	Comments	Northing	Easting	Top of PVC (ft AMSL)	Ground Surface Elevation (ft AMSL)	Total Well Depth (ft BGS)	Screen Interval (ft BGS)	Stick up (feet)	Sand Pack Interval (ft BGS)	6/27/2007 Water Level (ft BGS)
AOC9-TW18		1182169.27	1134185.45	526.34	523.49	24.7	14.7 to 24.7	2.85	NA	11.85
AOC9-TW19		1182039.90	1134289.17	528.46	525.91	24.5	14.5 to 24.5	2.55	NA	13.09
AOC9-TW20		1182096.94	1134133.90	527.31	524.65	24.8	14.8 to 24.8	2.66	NA	-
AOC9-TW21	Destroyed	1182080.97	1134152.14	527.83	524.57	24.3	14.3 to 24.3	3.26	NA	-
AOC9-TW22		1182019.27	1134236.70	528.95	526.61	25.6	15.6 to 25.6	2.34	NA	14.91
AOC9-TW23		1181967.10	1134269.26	526.83	526.03	23.0	13.0 to 23.0	0.80	NA	13.8
AOC9-TW24	Damaged	1182072.01	1134070.70	523.90	523.65	26.9	16.9 to 26.9	0.25	NA	-
AOC9-TW25		1182044.14	1134100.17	524.34	523.74	26.7	16.7 to 26.7	0.60	NA	15.24
AOC9-TW26		1182030.53	1134115.03	526.45	523.71	22.1	12.1 to 22.1	2.74	NA	15.13
AOC9-TW27		1182009.34	1134144.46	526.92	524.04	24.3	14.3 to 24.3	2.88	NA	15.02
AOC9-TW28		1181981.96	1134173.97	527.64	524.80	22.2	12.2 to 22.2	2.84	NA	15.36
AOC9-TW29		1181970.21	1134187.21	527.40	525.04	25.2	15.2 to 25.2	2.36	NA	15.47
AOC9-TW30	Destroyed	1181983.65	1134085.02	521.46	521.16	27.5	17.5 to 27.5	0.30	NA	-
AOC9-TW31	Destroyed	1181960.62	1134107.07	524.44	520.84	26.5	16.5 to 26.5	3.60	NA	-
AOC9-TW32		1181937.85	1134077.96	522.66	520.28	24.6	14.6 to 24.6	2.38	NA	12.71
AOC9-TW33		1182105.31	1134234.22	527.25	523.55	24.3	14.3 to 24.3	3.70	NA	11.30
AOC9-TW34		1182078.72	1134262.13	528.53	525.14	24.5	14.5 to 24.5	3.39	NA	12.53
AOC9-TW35		1182011.15	1134310.36	528.88	525.65	24.6	14.6 to 24.6	3.23	NA	12.64
AOC9-TW36		1181953.14	1134346.87	525.31	522.53	24.7	14.7 to 24.7	2.78	NA	9.17
AOC9-TW37		1182118.22	1134292.67	525.38	522.48	24.3	14.3 to 24.3	2.90	NA	9.18
AOC9-TW38		1182084.26	1134332.96	524.73	522.25	20.2	10.2 to 20.2	2.48	NA	8.44
AOC9-TW39		1182035.60	1134388.97	526.22	523.04	19.3	9.3 to 19.3	3.18	NA	8.61
AOC9-TW40		1182133.42	1134371.63	528.38	525.33	24.7	14.7 to 24.7	3.05	NA	10.63
AOC9-TW41		1182120.10	1134399.81	529.17	526.34	24.5	14.5 to 24.5	2.83	NA	11.50
AOC9-TW43	Broken PVC	1182062.23	1134439.01	523.89	523.89	21.0	11.0 to 21.0	0.00	NA	-
AOC9-TW42		1182089.66	1134423.43	519.64	518.33	18.6	8.6 to 18.6	1.31	7.0 to 19.0	3.23
AOC9-TW44		1181959.04	1134200.86	528.24	525.54	21	11.0 to 21.0	2.70	9.0 to 22.0	15.50
AOC9-TW45		1181955.43	1134229.84	529.22	526.10	21.9	11.9 to 21.9	3.12	9.0 to 22.0	15.10
AOC9-TW46		1181933.15	1134228.87	528.57	525.97	27.4	17.4 to 27.4	2.60	14.0 to 28.0	15.23
AOC9-TW47		1181938.47	1134262.11	527.52	525.81	18.4	8.4 to 18.4	1.71	8.0 to 19.0	14.14
AOC9-TW48		1181876.73	1134285.38	523.78	522.15	23.2	13.2 to 23.2	1.63	10.0 to 24.0	10.47
AOC9-TW49		1181995.27	1134258.41	529.25	526.64	27.4	17.4 to 27.4	2.61	14.0 to 28.0	14.87

Table 2-1 Additional AOC 9 Predesign Investigation Well Construction Summary
Former Griffiss Air Force Base, Rome, New York

Monitoring Well ID	Comments	Northing	Easting	Top of PVC (ft AMSL)	Ground Surface Elevation (ft AMSL)	Total Well Depth (ft BGS)	Screen Interval (ft BGS)	Stick up (feet)	Sand Pack Interval (ft BGS)	6/27/2007 Water Level (ft BGS)
AOC9-TW51		1181923.86	1134323.02	523.90	522.42	23.4	13.4 to 23.4	1.48	10.0 to 24.0	9.57
AOC9-TW52		1181909.85	1134282.18	520.48	516.67	19.1	9.1 to 19.1	3.81	8.0 to 20.0	4.79
AOC9-TW54		1182148.82	1134429.73	520.50	519.06	18.6	8.6 to 18.6	1.44	8.0 to 20.0	3.75
AOC9-TW54B		1182008.12	1134391.08	524.70	522.93	23.2	13.2 to 23.2	1.77	10.0 to 24.0	8.63
AOC9-TW56		1182030.65	1134429.83	522.72	523.42	25.2	15.2 to 25.2	-0.70	12.0 to 25.0	8.77
AOC9-TW57		1182169.64	1134336.00	526.03	524.49	23.6	13.6 to 23.6	1.54	10.0 to 24.0	10.07
AOC9-TW58		1182048.85	1134486.93	525.78	523.62	22.9	12.9 to 22.9	2.16	10.0 to 24.0	7.92
AOC9-TW59		1182026.18	1134466.01	525.15	523.63	23.6	13.6 to 23.6	1.52	10.0 to 24.0	8.11
AOC9-TW60		1182006.26	1134487.79	527.17	525.41	23.4	13.4 to 23.4	1.76	10.0 to 24.0	9.79
AOC9-TW61		1182079.29	1134462.54	527.45	523.63	24.1	14.1 to 24.1	3.82	12.0 to 25.0	8.02
AOC9-TW62		1182123.00	1134476.29	527.87	524.75	25.2	15.2 to 25.2	3.12	12.0 to 26.0	8.94
AOC9-TW65		1182200.73	1134521.13	530.08	526.59	24.7	14.7 to 24.7	3.49	12.0 to 26.0	10.06
AOC9-TW66		1182193.84	1134564.34	529.77	528.19	23.4	13.4 to 23.4	1.58	10.0 to 24.0	11.32
AOC9-TW67		1182269.49	1134585.53	529.29	526.89	22.6	12.6 to 22.6	2.40	11.0 to 23.0	9.69
AOC9-TW68		1182014.59	1134345.94	526.10	523.35	22.2	12.2 to 22.2	2.75	11.0 to 23.0	9.79
AOC9-TW69		1181996.44	1134361.64	521.41	517.50	21	11.0 to 21.0	3.91	9.0 to 21.0	3.74
AOC9-TW70		1181985.47	1134374.42	526.37	522.64	18.7	8.7 to 18.7	3.73	7.0 to 19.5	8.74
AOC9-TW71		1181978.81	1134344.94	520.94	517.35	14.4	4.4 to 14.4	3.59	3.0 to 15.0	3.89
AOC9-TW72		1182000.00	1134452.51	523.13	521.31	18.3	8.3 to 18.3	1.82	7.0 to 19.0	6.23
AOC9-TW73		1181982.02	1134426.26	524.32	522.88	23.6	13.6 to 23.6	1.44	10.0 to 24.0	8.19
AOC9-TW74		1182029.54	1134560.30	522.41	520.01	17.7	7.7 to 17.7	2.40	6.0 to 18.0	3.60
AOC9-TW75		1182010.98	1134580.91	524.11	520.02	19.1	9.1 to 19.1	4.09	7.0 to 20.5	3.32
AOC9-TW76		1182006.03	1134618.33	527.10	525.44	23.3	13.3 to 23.3	1.66	10.0 to 24.0	8.49
AOC9-TW77		1181981.59	1134636.49	526.98	525.15	22.3	12.3 to 22.3	1.83	10.0 to 24.0	8.04
AOC9-TW79		1181941.27	1134679.87	527.07	525.22	23.2	13.2 to 23.2	1.85	10.0 to 25.0	7.87
AOC9-TW80		1182024.48	1134766.32	528.13	525.83	22.7	12.7 to 22.7	2.30	8.0 to 23.0	7.79
AOC9-TW81		1182112.91	1134641.29	529.57	527.92	23.3	13.3 to 23.3	1.65	10.0 to 24.0	10.57
AOC9-TW82		1182061.04	1134680.24	529.52	528.07	23.4	13.4 to 23.4	1.45	10.0 to 24.0	10.65
AOC9-TW83		1181959.98	1134405.27	524.44	522.78	23.3	13.3 to 23.3	1.66	10.0 to 24.0	8.56

Table 2-1 Additional AOC 9 Predesign Investigation Well Construction Summary
Former Griffiss Air Force Base, Rome, New York

Monitoring Well ID	Comments	Northing	Easting	Top of PVC (ft AMSL)	Ground Surface Elevation (ft AMSL)	Total Well Depth (ft BGS)	Screen Interval (ft BGS)	Stick up (feet)	Sand Pack Interval (ft BGS)	6/27/2007 Water Level (ft BGS)
AOC9-TW84		1181938.65	1134386.14	524.34	522.54	23.2	13.2 to 23.2	1.80	10.0 to 24.0	8.67
AOC9-TW85		1181916.78	1134364.46	524.04	522.43	23.3	13.3 to 23.3	1.61	10.0 to 24.0	9.00
AOC9-TW86		1181895.85	1134344.41	523.90	522.18	23.3	13.3 to 23.3	1.72	10.0 to 24.0	9.22
AOC9-TW87		1182139.19	1134614.59	529.86	528.31	23.5	13.5 to 23.5	1.55	10.0 to 24.0	11.13
AOC9-TW88		1182265.69	1134450.93	526.64	523.49	21.8	11.8 to 21.8	3.15	8.0 to 22.0	7.35
AOC9-TW89	Flush mount	1182163.43	1134589.82	527.85	528.09	23.2	13.2 to 23.2	-0.24	10.0 to 24.0	11.04
AOC9-TW90		1182173.53	1134405.69	520.93	519.05	17.9	7.9 to 17.9	1.88	7.0 to 20.0	3.29
AOC9-TW91		1182130.64	1134446.14	519.63	519.13	19.3	9.3 to 19.3	0.50	7.0 to 20.0	3.86
AOC9-TW92		1181859.30	1134058.90	523.07	521.47	23.4	13.4 to 23.4	1.61	10.0 to 24.0	11.22
AOC9-TW93		1181803.60	1134004.24	522.06	520.49	23.3	13.3 to 23.3	1.57	10.0 to 24.0	11.10
AOC9-TW94		1181820.63	1134042.22	521.97	520.47	23.3	13.3 to 23.3	1.50	10.0 to 24.0	10.49
AOC9-TW95	Flush mount	1182021.16	1134088.07	522.35	522.62	23.2	13.2 to 23.2	-0.27	10.0 to 24.0	14.49
AOC9-TW96		1181977.61	1134118.65	519.98	517.62	19.6	9.6 to 19.6	2.36	7.0 to 24.0	9.41
AOC9-TW97		1181952.24	1134135.71	517.09	516.47	19.2	9.2 to 19.2	0.62	7.0 to 20.0	8.12
AOC9-TW98		1181893.52	1134123.27	524.01	521.03	17.3	12.3 to 17.3	2.98	9.0 to 17.5	14.26*
AOC9-TW99		1181837.45	1134181.43	523.82	521.16	17.4	12.4 to 17.4	2.66	9.0 to 17.5	13.64*
AOC9-TW100	Flush mount	1182006.62	1134426.34	523.51	523.65	13.8	8.8 to 13.8	-0.14	5.5 to 13.8	10.49*
AOC9-TW101		1182078.06	1134461.68	525.21	523.91	13.6	8.6 to 13.6	1.30	5.5 to 13.6	10.27*
AOC9-TW102		1182049.95	1134485.91	525.8	524.02	13.2	8.2 to 13.2	1.78	5.0 to 13.2	10.02*
AOC9-TW103		1182024.85	1134464.40	524.97	523.77	13.7	8.7 to 13.7	1.20	5.5 to 13.7	10.16*
AOC9-PZ1		1181741.12	1134289.90	524.21	521.52	17.5	12.5 to 17.5	2.69	9.0 to 17.5	12.57*
G009-MW01	installed 1997	1181715.14	1133595.96	494.93	492.67	9.0	4.0 to 9.0	2.26	3.0 to 9.1	0.33 ags
G009-MW02	installed 1997	1181542.47	1133715.45	496.04	494.54	9.0	4.0 to 9.0	1.50	3.0 to 10.0	3.49
G009-MW03	installed 1997	1181440.42	1133617.19	486.28	485.10	9.0	4.0 to 9.0	1.18	3.0 to 9.5	1.01
G009-MW04	installed 1997	1181304.24	1133495.93	485.21	483.97	16.7	6.7 to 16.7	1.24	5.8 to 17.0	7.62
AOC9-MW05	-	-	-	-	-	-	-	-	-	-
AOC9-MW06	installed 4/2000	1181035.53	1133815.84	484.06	482.57	14.2	4.2 to 14.2	1.49	3.2 to 14.8	4.65
AOC9-MW07	installed 4/2000	1181437.34	1133545.46	484.62	483.25	9.2	4.2 to 9.2	1.37	3.0 to 10.0	2.75
AOC9-MW08	installed 5/2000	1181830.99	1133888.39	515.54	514.28	20.4	15.4 to 20.4	1.26	13 to 20.5	8.76

Table 2-1 Additional AOC 9 Predesign Investigation Well Construction Summary
Former Griffiss Air Force Base, Rome, New York

Monitoring Well ID	Comments	Northing	Easting	Top of PVC (ft AMSL)	Ground Surface Elevation (ft AMSL)	Total Well Depth (ft BGS)	Screen Interval (ft BGS)	Stick up (feet)	Sand Pack Interval (ft BGS)	6/27/2007 Water Level (ft BGS)
AOC9-MW12	installed 2002	1181781.27	1133845.24	508.83	509.09	20	10.0 to 20.0	-0.26	8.0 to 21.0	4.5
AOC9-MW13	installed 2002	1181793.24	1133855.65	510.76	508.53	20	10.0 to 20.0	2.23	8.0 to 21.0	3.7
AOC9-MW14	installed 9/2006	1181913.04	1134024.58	520.86	519.05	24	14 - 24	1.81	12.0 - 24	12.09
AOC9-MW15	installed 9/2006	1181701.71	1133799.71	501.99	500.04	14	9.0 - 14	1.95	8.0 - 14	0.89
AOC9-MW16	installed 9/2006	1181624.12	1133750.28	498.79	497.31	14	9.0 - 14	1.48	7.9 - 14	1.28
AOC9-MW17	installed 9/2006	1181517.91	1133589.49	489.44	487.51	14	9.0 -14	1.93	8.0 - 14	1.85

Note:
TW = Monitoring well installed as temporary 1-inch well. Other monitoring wells (MWs) listed are permanent 2-inch wells.
AOC9-TW18 through AOC9-TW41 and AOC9-TW43 were installed during AOC9 PreDesign Investigation 2 (PDI 2).
* Water levels collected on September 27, 2007.

Key:
AMSL = Above mean sea level.
BGS/ags = Below ground surface/Above ground surface.
ft = Feet.

Table 2-2 Additional AOC 9 Predesign Investigation
Groundwater Elevation Data,
Former Griffiss Air Force Base, Rome, New York

Monitoring Well ID	Date	Ground Surface Elevation (ft AMSL)	Water Level (ft BGS)	Water Level Elevation (ft AMSL)
AOC9-TW18	6/27/2007	523.49	11.85	511.64
AOC9-TW19	6/27/2007	525.91	13.09	512.82
AOC9-TW20	-	524.65	NA	NA
AOC9-TW21	-	524.57	NA	NA
AOC9-TW22	6/27/2007	526.61	14.91	511.70
AOC9-TW23	6/27/2007	526.03	13.8	512.23
AOC9-TW24	-	523.65	NA	NA
AOC9-TW25	6/27/2007	523.74	15.24	508.50
AOC9-TW26	6/27/2007	523.71	15.13	508.58
AOC9-TW27	6/27/2007	524.04	15.02	509.02
AOC9-TW28	6/27/2007	524.80	15.36	509.44
AOC9-TW29	6/27/2007	525.04	15.47	509.57
AOC9-TW30	-	521.16	NA	NA
AOC9-TW31	-	520.84	NA	NA
AOC9-TW32	6/27/2007	520.28	12.71	507.57
AOC9-TW33	6/27/2007	523.55	11.30	512.25
AOC9-TW34	6/27/2007	525.14	12.53	512.61
AOC9-TW35	6/27/2007	525.65	12.64	513.01
AOC9-TW36	6/27/2007	522.53	9.17	513.36
AOC9-TW37	6/27/2007	522.48	9.18	513.30
AOC9-TW38	6/27/2007	522.25	8.44	513.81
AOC9-TW39	6/27/2007	523.04	8.61	514.43
AOC9-TW40	6/27/2007	525.33	10.63	514.70
AOC9-TW41	6/27/2007	526.34	11.50	514.84
AOC9-TW43	-	523.89	NA	NA
AOC9-TW42	6/27/2007	518.33	3.23	515.10
AOC9-TW44	6/27/2007	525.54	15.50	510.04
AOC9-TW45	6/27/2007	526.10	15.10	511.00
AOC9-TW46	6/27/2007	525.97	15.23	510.74
AOC9-TW47	6/27/2007	525.81	14.14	511.67
AOC9-TW48	6/27/2007	522.15	10.47	511.68
AOC9-TW49	6/27/2007	526.64	14.87	511.77
AOC9-TW51	6/27/2007	522.42	9.57	512.85
AOC9-TW52	6/27/2007	516.67	4.79	511.88
AOC9-TW54	6/27/2007	519.06	3.75	515.31
AOC9-TW54B	6/27/2007	522.93	8.63	514.30

Table 2-2 Additional AOC 9 Predesign Investigation
Groundwater Elevation Data,
Former Griffiss Air Force Base, Rome, New York

Monitoring Well ID	Date	Ground Surface Elevation (ft AMSL)	Water Level (ft BGS)	Water Level Elevation (ft AMSL)
AOC9-TW56	6/27/2007	523.42	8.77	514.65
AOC9-TW57	6/27/2007	524.49	10.07	514.42
AOC9-TW58	6/27/2007	523.62	7.92	515.70
AOC9-TW59	6/27/2007	523.63	8.11	515.52
AOC9-TW60	6/27/2007	525.41	9.79	515.62
AOC9-TW61	6/27/2007	523.63	8.02	515.61
AOC9-TW62	6/27/2007	524.75	8.94	515.81
AOC9-TW65	6/27/2007	526.59	10.06	516.53
AOC9-TW66	6/27/2007	528.19	11.32	516.87
AOC9-TW67	6/27/2007	526.89	9.69	517.20
AOC9-TW68	6/27/2007	523.35	9.79	513.56
AOC9-TW69	6/27/2007	517.50	3.74	513.76
AOC9-TW70	6/27/2007	522.64	8.74	513.90
AOC9-TW71	6/27/2007	517.35	3.89	513.46
AOC9-TW72	6/27/2007	521.31	6.23	515.08
AOC9-TW73	6/27/2007	522.88	8.19	514.69
AOC9-TW74	6/27/2007	520.01	3.60	516.41
AOC9-TW75	6/27/2007	520.02	3.32	516.70
AOC9-TW76	6/27/2007	525.44	8.49	516.95
AOC9-TW77	6/27/2007	525.15	8.04	517.11
AOC9-TW79	6/27/2007	525.22	7.87	517.35
AOC9-TW80	6/27/2007	525.83	7.79	518.04
AOC9-TW81	6/27/2007	527.92	10.57	517.35
AOC9-TW82	6/27/2007	528.07	10.65	517.42
AOC9-TW83	6/27/2007	522.78	8.56	514.22
AOC9-TW84	6/27/2007	522.54	8.67	513.87
AOC9-TW85	6/27/2007	522.43	9.00	513.43
AOC9-TW86	6/27/2007	522.18	9.22	512.96
AOC9-TW87	6/27/2007	528.31	11.13	517.18
AOC9-TW88	6/27/2007	523.49	7.35	516.14
AOC9-TW89	6/27/2007	528.09	11.04	517.05
AOC9-TW90	6/27/2007	519.05	3.29	515.76
AOC9-TW91	6/27/2007	519.13	3.86	515.27
AOC9-TW92	6/27/2007	521.47	11.22	510.25
AOC9-TW93	6/27/2007	520.49	11.10	509.39
AOC9-TW94	6/27/2007	520.47	10.49	509.98

Table 2-2 Additional AOC 9 Predesign Investigation
Groundwater Elevation Data,
Former Griffiss Air Force Base, Rome, New York

Monitoring Well ID	Date	Ground Surface Elevation (ft AMSL)	Water Level (ft BGS)	Water Level Elevation (ft AMSL)
AOC9-TW95	6/27/2007	522.62	14.49	508.13
AOC9-TW96	6/27/2007	517.62	9.41	508.21
AOC9-TW97	9/27/2007	516.47	8.12	508.35
AOC9-TW98	9/27/2007	521.03	14.26	506.77
AOC9-TW99	9/27/2007	521.16	13.64	507.52
AOC9-TW100	9/27/2007	523.65	10.49	513.16
AOC9-TW101	9/27/2007	523.91	10.27	513.64
AOC9-TW102	9/27/2007	524.02	10.02	514.00
AOC9-TW103	9/27/2007	523.77	10.16	513.61
AOC9-PZ1	9/27/2007	521.52	12.57	508.95
G009-MW01	6/27/2007	492.67	-0.33	493.00
G009-MW02	6/27/2007	494.54	3.49	491.05
G009-MW03	6/27/2007	485.10	1.01	484.09
G009-MW04	6/27/2007	483.97	7.62	476.35
AOC9-MW05	-	NA	NA	NA
AOC9-MW06	6/27/2007	482.57	4.65	477.92
AOC9-MW07	6/27/2007	483.25	2.75	480.50
AOC9-MW08	6/27/2007	514.28	8.76	505.52
AOC9-MW12	6/27/2007	509.09	4.5	504.59
AOC9-MW13	6/27/2007	508.53	3.7	504.83
AOC9-MW14	6/27/2007	519.05	12.09	506.96
AOC9-MW15	6/27/2007	500.04	0.89	499.15
AOC9-MW16	6/27/2007	497.31	1.28	496.03
AOC9-MW17	6/27/2007	487.51	1.85	485.66

Key:

AMSL = Above mean sea level.
AOC = Area of Concern.
BGS = Below ground surface.
ft = Feet.
MW = Monitoring well.
NA = Not available.
TW = Temporary monitoring well.

Table 2-3 Additional AOC 9 Predesign Investigation Groundwater and Soil Sample Summary, Former Griffiss Air Force Base, Rome NY

Sample Number	Temporary Well Screen Interval / Groundwater Sample Depth (ft BGS)	Soil Boring Soil Sample Depth (ft BGS)	Comment	ANALYSES TCL VOCs -SW8260B
AOC9-SB01-1	NA	7.5	-	X
AOC9-SB01-2	NA	11	-	X
AOC9-SB01-3	NA	15.5	-	X
AOC9-SB02-1	NA	5.5		X
AOC9-SB02-2	NA	20.5		X
AOC9-SB03-1	NA	9.5		X
AOC9-SB03-2	NA	11		X
AOC9-SB04-1	NA	7.5		X
AOC9-SB04-2	NA	18.5		X
AOC9-SB05-1	NA	7.5		X
AOC9-SB06-1 (7.5')	NA	7.5		X
AOC9-SB06-2 (10.5')	NA	10.5		X
AOC9-SB07-1 (7.0')	NA	7		X
AOC9-SB07-2 (12.5')	NA	12.5		X
AOC9-SB08-1 (9.0')	NA	9		X
AOC9-SB09-1 (11.5')	NA	11.5		X
AOC9-SB09-2 (16.0')	NA	16		X
AOC9-SB10-1 (16.5')	NA	16.5		X
AOC9-SB10-2 (20.5')	NA	20.5		X
AOC9-SB11-1 (11.5')	NA	11.5	MS/MSD	X
AOC9-SB11-2 (15.5')	NA	15.5		X
AOC9-SB12-1 (12')	NA	12		X
AOC9-SB12-1/D (12')	NA	12	Duplicate	X
AOC9-SB12-2 (15.5')	NA	15.5		X
AOC9-SB13-1 (16.5')	NA	16.5		X
AOC9-SB13-2 (21.5')	NA	21.5		X
AOC9-SB14-1 (16.5')	NA	16.5		X
AOC9-SB14-2 (22.5')	NA	22.5		X
AOC9-SB15-1 (18.5')	NA	18.5		X
AOC9-SB15-2 (22.5')	NA	22.5		X
AOC9-SB16-1 (15.5')	NA	15.5	MS/MSD	X
AOC9-SB16-2 (20.5')	NA	20.5		X
AOC9-SB17-1 (11.5')	NA	11.5		X
AOC9-SB17-2 (12.0')	NA	12		X
AOC9-SB18-1 (8.5')	NA	8.5		X
AOC9-SB18-1/D (8.5')	NA	8.5	Duplicate	X
AOC9-SB18-2 (12.5')	NA	12.5		X
AOC9-SB19-1 (10.5')	NA	10.5		X
AOC9-SB19-2 (11.5')	NA	11.5		X
AOC9-SB20-1 (11.5')	NA	11.5		X
AOC9-SB20-2 (12.5')	NA	12.5		X
AOC9-SB21-1 (11.5')	NA	11.5		X
AOC9-SB21-2 (15.5')	NA	15.5		X
AOC9-SB22-1 (12.5')	NA	12.5		X
AOC9-SB22-2 (15.5')	NA	15.5		X
AOC9-SB23-1 (13.5')	NA	13.5		X
AOC9-SB23-2 (15.5')	NA	15.5	MS/MSD	X
AOC9-SB24-1 (12.5')	NA	12.5		X
AOC9-SB24-1/D (12.5')	NA	12.5	Duplicate	X

Table 2-3 Additional AOC 9 Predesign Investigation Groundwater and Soil Sample Summary, Former Griffiss Air Force Base, Rome NY

Sample Number	Temporary Well Screen Interval / Groundwater Sample Depth (ft BGS)	Soil Boring Soil Sample Depth (ft BGS)	Comment	ANALYSES TCL VOCs -SW8260B
AOC9-SB24-2 (15.5')	NA	15.5		X
AOC9-SB25-1 (11.5')	NA	11.5		X
AOC9-SB25-2 (16.5')	NA	16.5		X
AOC9-SB26-01	NA	8		X
AOC9-SB26-02	NA	16.5		X
AOC9-SB26-03	NA	21.5		X
AOC9-SB27-01	NA	10.5		X
AOC9-SB27-02	NA	11.5		X
AOC9-SB27-03	NA	18		X
AOC9-SB28-01	NA	7		X
AOC9-SB28-02	NA	18		X
AOC9-SB28-03	NA	22		X
AOC9-SB29-01	NA	4.15		X
AOC9-SB29-02	NA	18		X
AOC9-SB29-03	NA	20.5		X
AOC9-SB30-01	NA	8.15		X
AOC9-SB30-02	NA	19.5		X
AOC9-SB30-03	NA	21.5		X
AOC9-SB31-01	NA	6.5		X
AOC9-SB31-02	NA	16.5		X
AOC9-SB31-03	NA	22.5		X
AOC9-SB32-01	NA	12.45		X
AOC9-SB32-02	NA	17.5		X
AOC9-SB32-03	NA	21.3		X
AOC9-SB33-01	NA	12.5		X
AOC9-SB34-01	NA	12.5		X
AOC9-SB34-02	NA	15.5		X
AOC9-SB35-01	NA	13.5		X
AOC9-SB35-02	NA	16.4		X
AOC9-SB35-02/D	NA	16.4	Duplicate	X
AOC9-SB37-01	NA	21		X
AOC9-SB38-01	NA	11.75		X
AOC9-SB38-02	NA	21.2		X
AOC9-SB39-01	NA	12.5	MS/MSD	X
AOC9-SB39-02	NA	15.5		X
AOC9-SB40-01	NA	10.5 to 12.5	Composite	Full TCLP + VOCs
AOC9-SB41-01	NA	11.2		X
AOC9-SB41-02	NA	16.2		X
AOC9-SB42-01	NA	11		X
AOC9-SB42-02	NA	17.5		X
AOC9-TP1-6.5'	NA	6.5	Test Pit Sample	X
AOC9-LS-GW	NA	NA	Drainage lift station	X
AOC9-TW41-GW	14.5 to 24.5	NA		X
AOC9-TW42-GW	11.0 to 21.0	NA		X
AOC9-TW43-GW	8.6 to 18.6	NA		X
AOC9-TW44-GW	11.0 to 21.0	NA		X
AOC9-TW45-GW	11.9 to 21.9	NA		X
AOC9-TW46-GW	17.4 to 27.4	NA		X
AOC9-TW47-GW	8.4 to 18.4	NA		X

Table 2-3 Additional AOC 9 Predesign Investigation Groundwater and Soil Sample Summary, Former Griffiss Air Force Base, Rome NY

Sample Number	Temporary Well Screen Interval / Groundwater Sample Depth (ft BGS)	Soil Boring Soil Sample Depth (ft BGS)	Comment	ANALYSES TCL VOCs -SW8260B
AOC9-TW48-GW	13.2 to 23.2	NA		X
AOC9-TW49-GW	17.4 to 27.4	NA		X
AOC9-TW51-GW	13.4 to 23.4	NA		X
AOC9-TW52-GW	9.1 to 19.1	NA		X
AOC9-TW54-GW	8.6 to 18.6	NA		X
AOC9-TW54B-GW	13.2 to 23.2	NA		X
AOC9-TW56-GW	15.2 to 25.2	NA		X
AOC9-TW56R-GW	15.2 to 25.2	NA		X
AOC9-TW57-GW	13.6 to 23.6	NA		X
AOC9-TW58-GW	12.9 to 22.9	NA		X
AOC9-TW59-GW	13.6 to 23.6	NA		X
AOC9-TW60-GW	13.4 to 23.4	NA		X
AOC9-TW61-GW	14.1 to 24.1	NA		X
AOC9-TW62-GW	15.2 to 25.2	NA		X
AOC9-TW65-GW	14.7 to 24.7	NA		X
AOC9-TW66-GW	13.4 to 23.4	NA		X
AOC9-TW67-GW	12.6 to 22.6	NA		X
AOC9-TW67-GW/D	12.6 to 22.6	NA	Duplicate	X
AOC9-TW68-GW	12.2 to 22.2	NA		X
AOC9-TW69-GW	11.0 to 21.0	NA		X
AOC9-TW70-GW	8.7 to 18.7	NA		X
AOC9-TW71-GW	4.4 to 14.4	NA		X
AOC9-TW72-GW	8.3 to 18.3	NA		X
AOC9-TW72R-GW	8.3 to 18.3	NA	Re-Sample w/bailer	X
AOC9-TW73-GW	13.6 to 23.6	NA		X
AOC9-TW74-GW	7.7 to 17.7	NA		X
AOC9-TW75-GW	9.1 to 19.1	NA		X
AOC9-TW76-GW	13.3 to 23.3	NA		X
AOC9-TW77-GW	12.3 to 22.3	NA		X
AOC9-TW77-GW/D	12.3 to 22.3	NA	Duplicate	X
AOC9-TW79-GW	13.2 to 23.2	NA		X
AOC9-TW80-GW	12.7 to 22.7	NA		X
AOC9-TW81-GW	13.3 to 23.3	NA		X
AOC9-TW81-GW/D	13.3 to 23.3	NA	Duplicate	X
AOC9-TW82-GW	13.4 to 23.4	NA		X
AOC9TW83-GW	13.3 to 23.3	NA		X
AOC9-TW84-GW	13.2 to 23.2	NA		X
AOC9-TW85-GW	13.3 to 23.3	NA		X
AOC9-TW86-GW	13.3 to 23.3	NA		X
AOC9-TW87-GW	13.5 to 23.5	NA		X
AOC9-TW88-GW	11.8 to 21.8	NA		X
AOC9-TW89-GW	13.2 to 23.2	NA		X
AOC9-TW90-GW	7.9 to 17.9	NA		X
AOC9-TW91-GW	9.3 to 19.3	NA		X
AOC9-TW92-GW	13.4 to 23.4	NA		X
AOC9-TW93-GW	13.3 to 23.3	NA		X
AOC9-TW94-GW	13.3 to 23.3	NA		X
AOC9-TW95-GW	13.2 to 23.2	NA		X
AOC9-TW96-GW	9.6 to 19.6	NA		X

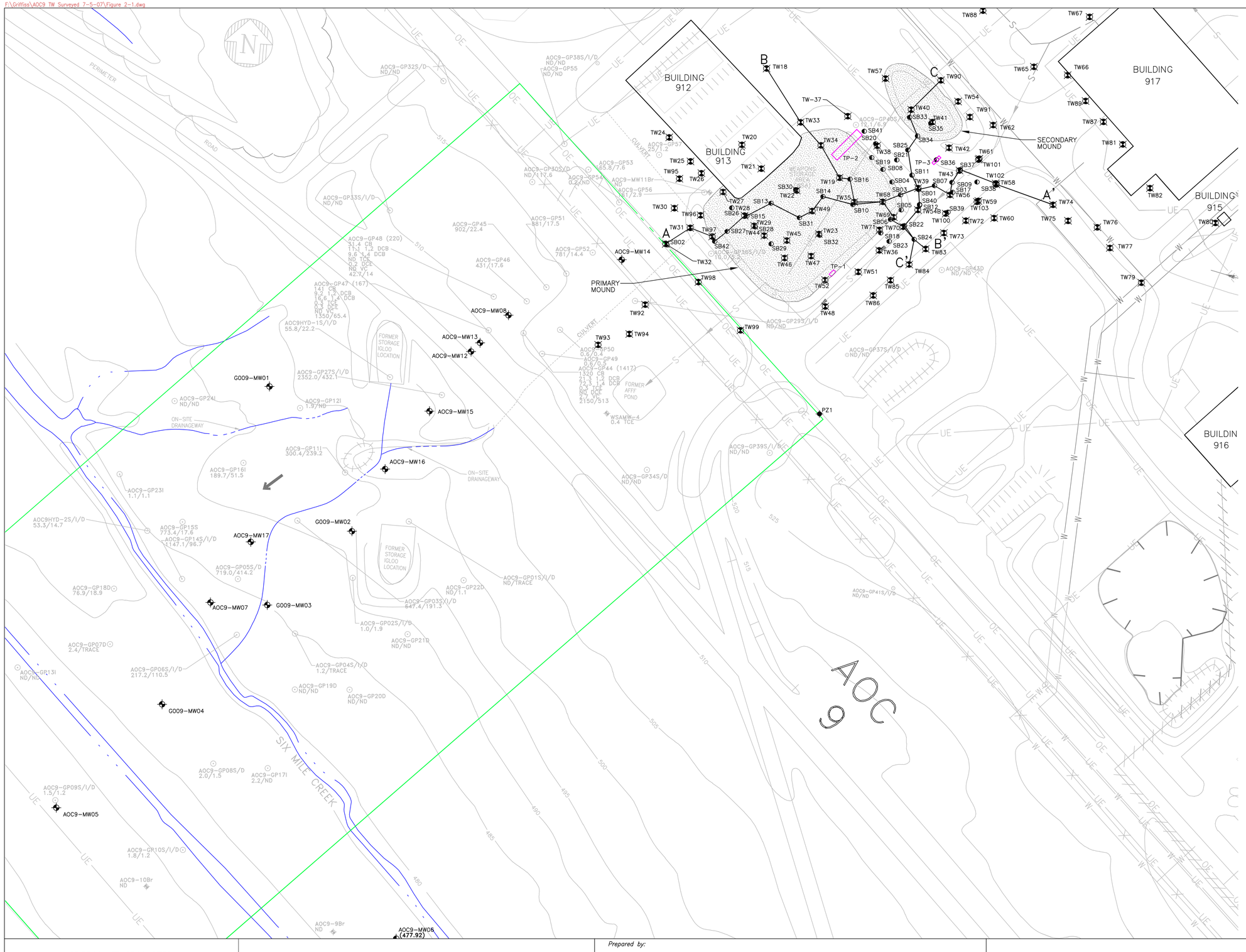
Table 2-3 Additional AOC 9 Predesign Investigation Groundwater and Soil Sample Summary, Former Griffiss Air Force Base, Rome NY

Sample Number	Temporary Well Screen Interval / Groundwater Sample Depth (ft BGS)	Soil Boring Soil Sample Depth (ft BGS)	Comment	ANALYSES TCL VOCs -SW8260B
AOC9-TW97-GW	9.2 to 19.2	NA		X
AOC9-TW98-GW	12.3 to 17.3	NA		X
AOC9-TW99-GW	12.4 to 17.4	NA		X
AOC9-TW100-GW	8.8 to 13.8	NA		X
AOC9-TW101-GW	8.6 to 13.6	NA		X
AOC9-TW102-GW	8.2 to 13.2	NA		X
AOC9-TW103-GW	8.7 to 13.7	NA		X
AOC9-TB01	NA	NA	Trip Blank	X
AOC9-TB02	NA	NA	Trip Blank	X
AOC9-TB03	NA	NA	Trip Blank	X
AOC9-TB04	NA	NA	Trip Blank	X
AOC9-TB05	NA	NA	Trip Blank	X
AOC9-TB06	NA	NA	Trip Blank	X
AOC9-TB07	NA	NA	Trip Blank	X
AOC9-TB08	NA	NA	Trip Blank	X
AOC9-TB09	NA	NA	Trip Blank	X

Key:

AOC = Area of Concern.
BGS = Below ground surface.
/D = Duplicate.
ft = Feet.
GW = Groundwater.
MS/MSD = Matrix spike/matrix spike duplicate.
NA = Not applicable.
ppb = Parts per billion.
TB = Trip blank.
TCL = Target compound list.
TCLP = Toxicity Characteristics Leaching Procedure.
TP = Test pit.
VOCs = Volatile organic compounds.

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LEGEND

- FENCE
- TOPOGRAPHIC CONTOUR LINE (CONTOUR INTERVAL = 5 FT)
- UNDERGROUND ELECTRIC
- WATER LINE
- SANITARY SEWER
- OVERHEAD ELECTRIC
- ABANDONED UNDERGROUND ELECTRIC
- CB — CHLOROBENZENE
- ND — NOT DETECTED
- AOC9 LAND USE BOUNDARY
- A — A' CROSS SECTION LOCATION
- TP-2 TEST PIT LOCATION
- AOC9-GP43D ND/ND YEAR 2000 GEOPROBE GROUNDWATER SAMPLING LOCATIONS.
- G009-MW01 PERMANENT MONITORING WELL LOCATION
- TW44 TEMPORARY MONITORING WELL LOCATION
- PZ-1 PIEZOMETER LOCATION
- SB01 SOIL BORING LOCATION

NOTES:
1. ALL CONCENTRATIONS PRESENTED IN ug/L.
2. CROSS SECTIONS A-A', B-B', AND C-C' ARE PROVIDED ON FIGURES 3-3, 3-4, AND 3-5.

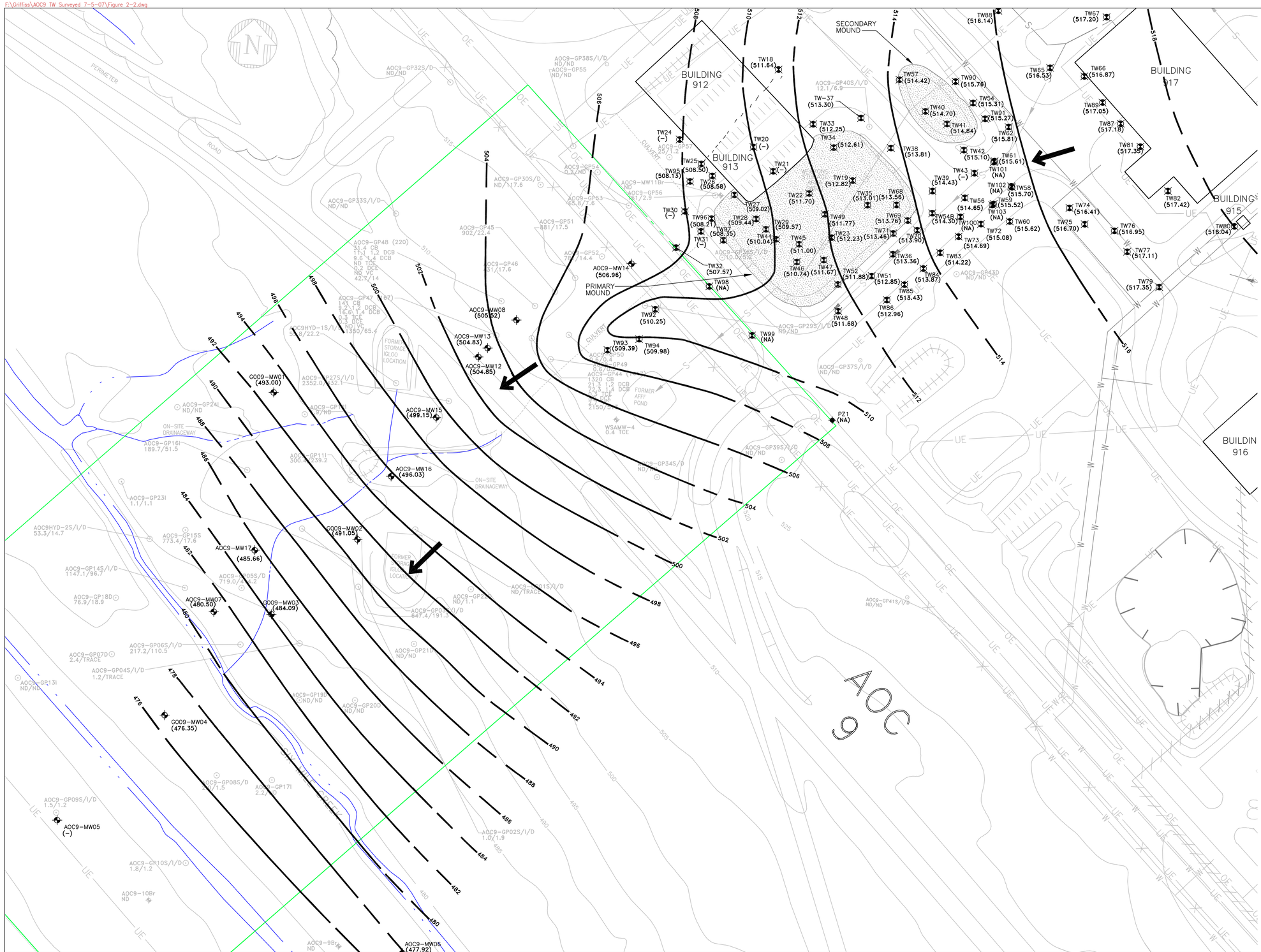
GRIFFISS AFB OBGW SITES
AOC 9 SITE
ROME, NEW YORK

Prepared by: parsons
In Association with: FPM group; ecology and environment engineering p.c.

DRAWING TITLE:
ADDITIONAL AOC 9
PREDESIGN INVESTIGATION
SAMPLING LOCATIONS

FIGURE 2-1

F:\Griffiss\AOC9 TW Surveyed 7-5-07\Figure 2-2.dwg



LEGEND

- FENCE
- 525 — TOPOGRAPHIC CONTOUR LINE (CONTOUR INTERVAL = 5 FT)
- UE — UNDERGROUND ELECTRIC
- W — WATER LINE
- S — SANITARY SEWER
- OE — OVERHEAD ELECTRIC
- ABANDONED UNDERGROUND ELECTRIC

AMSL	ABOVE MEAN SEA LEVEL
CB	CHLOROBENZENE
NA	NOT AVAILABLE
ND	NOT DETECTED

- 476 — GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- DIRECTION OF GROUNDWATER FLOW
- AOC9 LAND USE BOUNDARY
- AOC9-GP43D ND/ND — YEAR 2000 GEOPROBE GROUNDWATER SAMPLING LOCATIONS.
- G009-MW01 — PERMANENT MONITORING WELL LOCATION
- TW44 — TEMPORARY MONITORING WELL LOCATION
- PZ-1 — PIEZOMETER LOCATION
- (517.35) — JUNE 27, 2007 GROUNDWATER ELEVATION (FEET AMSL) (NOT AVAILABLE FOR TW98 THROUGH TW103 OR PZ-1).

NOTES:
1. ALL CONCENTRATIONS PRESENTED IN ug/L.

60 0 60 120

SCALE: 1"=60'

GRIFFISS AFB OBGW SITES
AOC 9 SITE
ROME, NEW YORK

Prepared by: parsons
In Association with: FPM group; ecology and environment engineering p.c.

DRAWING TITLE:
ADDITIONAL AOC 9
PREDESIGN INVESTIGATION
GROUNDWATER ELEVATIONS

FIGURE 2-2

3 Additional AOC 9 Predesign Investigation Findings

This section discusses the results from the additional investigation conducted at AOC 9 at the former Griffiss AFB in Rome, New York described in Section 2.

Similar to previous predesign investigations performed at AOC 9, the Additional AOC 9 PDI groundwater data is compared to both the New York State Department of Environmental Conservation (NYSDEC), Technical and Operational Guidance No. 1.1.1: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (NYSDEC 1998) and the USEPA National Primary Drinking Water Standards (USEPA 2006) as screening criteria. Soil sample data are compared to the NYSDEC, 6NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives, Final, Dec. 14, 2006 Unrestricted Use of Soil Cleanup Objectives (see Tables 3-1 and 3-2).

3.1 Groundwater Sampling

Groundwater screening samples were collected from temporary monitoring wells; TW41, TW43, and all new TWs (TW42, and TW44 through TW103), and analyzed with either a 24-hour or a 7-day TAT by Life Sciences Laboratory, located in East Syracuse, New York. In addition, a water sample (AOC9-LS-GW) was collected from the drainage system lift station located at the northwest corner of Building 917. The purpose of collecting the water samples was to better define the contaminant plume and assist in locating contaminant source areas. The water samples were collected between June 11 and 21 2007, and on September 24, 2007, immediately after the installation of the temporary wells.

Groundwater samples were collected from temporary monitoring wells screened predominately in very fine to medium grained sand at depths ranging from 4.4 to 27.4 feet BGS and constructed with either a 5-foot or a 10-foot (1-inch diameter, 0.01-inch slot) prepacked PVC screen. Temporary wells TW42 through TW97 were installed with 10-foot screens placed across the center of the water column, which varies from approximately 10 feet in thickness at TW97 south of the primary mound adjacent to Building 913 up to 15 feet in thickness at TW 40, installed through the secondary mound located north of the primary mound, and TW32 installed south of the primary mound. Temporary wells TW98 through TW103 were installed across the interface of the sand and overlying fill material (silt, sand and gravel) interface, with a 5-foot screen placed across the top of the

water column to provide analytical data from the top of the water column. Each sample was analyzed for VOCs as described in Section 2. A summary of the positive analytical results for the groundwater samples is presented in Table 3-1. Figure 3-1 shows the locations of the newly installed TWs and updated total volatile organic compound (VOC) contaminant contours based on the analytical data obtained during this investigation.

Thirty-three VOCs, including 1, 2-dichlorobenzene (DCB); 1, 4-dichlorobenzene; CB; TCE; PCE; and several compounds containing benzene, toluene, ethylbenzene, and xylene (BTEX) were detected in several of the groundwater samples collected at this site (see table 3-1). Twenty-two of the contaminants were detected in at least on sample at concentrations exceeding NYSDEC Groundwater standards. The highest total VOC concentrations were detected during this investigation in temporary wells TW45 (3,100 ppb), TW71 (3,300 ppb), and TW100 (3,400 ppb). Temporary wells TW100 and TW71 are located within 70 feet of TW39, which was the area with the highest levels of contamination detected during the PDI 2 investigation (21,610 ppb), and TW45 is located downgradient TW39 and TW100.

The two highest levels of total VOC groundwater contamination detected on site to date are TW39 (21,610 ppb) and TW32 (12,105.5 ppb), sampled during the PDI 2 investigation (Parsons 2007).

The completed groundwater sampling forms are provided in Appendix B, a complete list of all samples collected is provided in Table 2-3, a summary of the positive analytical results for the groundwater samples is presented in Table 3-1, and Figure 3-1 shows the locations of the newly installed TWs with updated total VOC contaminant. In addition, Figures 3-3 through 3-5 provide cross sections of the current study area, which include both the screened intervals of the TWs included, overburden stratigraphy, water table, and the total VOC concentrations detected in each TW.

3.1.1 Groundwater Elevation Measurements

Upon completion of the installation and sampling of the 25 PDI 2 temporary wells (TW 18 through TW41 and TW43), and the first 50 additional AOC 9 PDI temporary wells (TW42, TW44 through TW52, TW54, TW54B, TW56 through TW62, TW65 through TW77, and TW78 through TW97), a complete round of static water levels were measured and recorded for each new TW as well as all existing monitoring wells on site (see Tables 2-1 and 2-2). These water levels were then used to generate a groundwater contour map. Subsequently, five additional TWs (TW 98 through TW103) and one piezometer (PZ1) were installed, both to collect additional groundwater samples (except PZ1) and to collect additional water level measurements from the area southeast of TW32. A second complete round of water level measurements was not collected following installation of TWs TW98 through TW103, however, the water levels taken from the new TWs was used to

refine groundwater elevation contours around TW92 and TW99, and on groundwater contour map (see Figure 2-2).

Groundwater flow is generally to the southwest at AOC 9, flowing from Building 917 towards Building 913, then around the mounded area extending from TW 92 to TW98, and returning to a southwesterly flow direction downgradient of monitoring well AOC9-MW08.

3.2 Subsurface Soil Sampling

Eighty-five subsurface soil samples were collected using the Geoprobe Macro-Core System from 42 soil borings (SB01 through SB42), and one subsurface soil sample was collect directly from the bucket of the excavator while excavating test pit TP-2 (see Figure 3-2). All subsurface soil samples were analyzed with either a 24 hour or a 7-day TAT by Life Sciences Laboratory, located in East Syracuse, New York. The purpose of collecting the soil samples was to determine both the horizontal and vertical extent of contamination within the subsurface soil for evaluation of potential remedial alternatives, and assist in locating contaminant source areas. The soil samples were collected between June 20 and 27, and September 25 and 27, from the soils borings, and on October 16, 2007 from test pit PT-2.

Thirty-seven different VOCs were detected in at least one subsurface soil sample collected during this investigation (see Table 3-2). Twelve of the contaminants (1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene (mesitylene), 1,2-DCB, 1,3-DCB, 1,4-DCB, CB, ethylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and toluene) were detected in at least one sample at concentrations exceeding NYSDEC soil cleanup objectives. The highest total VOC concentrations were detected during this investigation in soil borings SB01 (1,100 ppm) and SB12 (1,600 ppm), both of which are located in the suspected source area in Area A on Figure 3-2. In addition, Area B contained elevated total VOC concentrations at SB 15 (770 ppm), SB31 (810 ppm), and SB27 (850 ppm), indicating that secondary source areas are likely present within the mound adjacent to Building 913. All of the most contaminated soil samples collected were collected from a zone of fine discolored (gray/brown to black) sand which ranges in thickness from approximately 2.5 feet at SB03, up to 8 feet at SB27 and averages approximately 3 to 6 feet thick beneath the mound adjacent to Building 913. This discolored zone also consistently provided the highest FID/PID field readings, often exhibited a sheen, and has an old fuel/solvent odor.

In addition, the first/shallowest soil sample collected from seven soil boring locations (AOC9-SB26-01 through AOC9-SB32-01) were collected from above the water table at various depth intervals within the fill material, of which the primary mound adjacent to Building 913 is composed. These samples were collected at depths ranging from 4.15 feet BGS to 12.45 feet BGS, from zones which exhibited the highest FID/PID readings obtained within the fill material. Total VOC concentrations obtained for these samples ranged from a low of .0049 ppb at

SB27 to a high of 0.17 ppb at SB28, indicating that the fill material above the water table does not contain elevated levels of contaminants at these locations.

3.2.1 Overburden Geology

The overburden geology of the study area (area south and east of Building 913) consists primarily three distinct overburden layers. Figures 3-3 through 3-5 provide a generalized view of the depth and extent of the overburden layers and Figure 2-1 presents the locations of the cross sections.

The uppermost layer is a layer of fill material which appears to have been set in place during construction of the WSA. The fill consists of rounded gravel and brown very fine to coarse sand with varying amounts of silt. This layer ranges in thickness from the maximums observed at soil borings SB15 (17 feet) and SB35 (13.4 feet), to the average thickness of approximately 7 to 10 feet beneath the majority of the site, to not being present beneath the drainage ditches surrounding the primary mound (located southeast of Building 913). The fill layer is situated above the water table across the majority of the site, however, it does extend up to 3 to 4 feet beneath the water table at the SB15 location and extending northeast of SB01.

The second overburden layer, in which the shallow aquifer is present, is composed of very fine-to-medium grained, stratified, brown sand. The sand layer extends down from the bottom of the fill layer and/or the bottom of the drainage ditch surrounding the primary mound, to the till layer overlying the Utica Shale bedrock. The sand layer appears to be naturally deposited, and ranges in thickness from 15 to 20 feet under the majority of the site (between SB01 and SB02) to a minimum of approximately 5 feet at the SB15 location, and thins out extending northeast from SB01 were in ranges from 8 to 12 feet in thickness. Within this shallow aquifer there is a zone of discolored (gray/brown to black) sand.

Beneath the sand layer a layer of gray glacial till and weathered shale is present overlying the Utica Shale bedrock. The till is composed primarily of gravel, sand, silt and clay with some shale fragments. The till is generally dense and moist, and much lower water content than the overlying sand layer. Although the drilling equipment (Geoprobe) was unable to completely penetrate the till layer, based on the depths successfully drilled into the till, the till is estimated to be a minimum of 5 feet thick beneath the site.

In addition to the three primary overburden layers discussed above, a zone of gray/black fill with a strong fuel/solvent odor, composed of fine-to-coarse gravel with little sand and silt, approximately 40 feet long and 40 feet wide, is located between soil borings SB01, SB09, and SB 12. SB01 and SB12 contain the highest levels of total VOCs obtained to date within the soil samples collected, 1,100 ppm and 1,600 ppm, respectively (see Figures 3-2 and 3-3).

A small zone of brown very fine to coarse sand and gravel, approximately 5 feet thick, is also present extending from soil boring SB42 approximately 75 feet northeast towards SB13.

Lastly, during excavation of test pit TP-3 at the location of soil boring SB-36, at which the Geoprobe refusal was encountered five times during soil boring drilling activities at depths of 6 to 8 feet BGS, a small area of firmly cemented gravel (calcareous cement) was encountered. This area appears to be less than 30 feet in diameter, as it was not encountered while drilling any other nearby soil borings or temporary wells. According to the Surficial Geologic Map of New York (Hudson-Mohawk Sheet), these deposits are glacial Kame deposits (deposition adjacent to ice), which are relatively common in central New York (NYSGS 1987). The kame deposit was encountered at approximately 6 feet BGS and became more solidly cemented with depth.

3.3 Test Pit Excavation Observations

Three test pits (TP-1 through TP-3) were excavated at AOC 9 on October 16, 2007 (see Figure 2-1).

Test pit dimensions, along with a lithologic description, were recorded by the EEEPC project engineer on the Trench Logs provided in Appendix D. Photographs taken of the test pit excavations are provided in Appendix A.

TP-1 was excavated approximately 5 feet north of temporary monitoring well TW52, in the bottom of the drainage ditch, east of Building 913 in order to collect a subsurface soil sample from this area. TP-1 is the only test pit from which a soil sample was collected. Analytical results of the soil sample collected are included in Section 3.2 (subsurface soil sampling).

TP-2 was excavated to observe the stability of the exposed excavation wall, both above and below the water table. Based on field observations of the USACE, Parsons, and EEEPC engineers, the side walls collapsed when the excavation reached about 2 feet into the water table.

TP-3 was excavated at the location of soil boring SB36 to observe the cause of the Geoprobe refusals at this location. As described in Section 3.2.1, a relatively small/isolated kame deposit of cement gravel was found to be the cause of the Geoprobe refusals at this location.

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-LS-GW 12-Jun-2007	AOC9-TW41-GW 11-Jun-2007	AOC9-TW42-GW 18-Jun-2007	AOC9-TW43-GW 11-Jun-2007	AOC9-TW44-GW 11-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,2,4-trimethylbenzene	5 *	1.0 U	1.0 U	**0.59 J**	1.0 U	**450**
1,2-dichlorobenzene	0.6	1.0 U	1.0 U	1.0 U	1.0 U	**32**
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	**0.36 J**	1.0 U	**180**
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	**4.5 J**
1,4-dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	**110**
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	10 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	10 U
acetone	50 g	10 U	10 U	10 U	**1.2 J**	100 U
benzene	1	0.50 U	0.50 U	0.50 U	0.50 U	**1.5 J**
chlorobenzene	5	0.50 U	0.50 U	0.50 U	0.50 U	**660**
chloroform	7	0.50 U	**0.13 J**	0.50 U	0.50 U	5.0 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U	**6.2 J**
dichlorodifluoromethane	5 *	1.0 U	**0.18 J**	1.0 U	1.0 U	10 U
ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	**23**
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	**40**
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	2.0 U	2.0 U	**87**
naphthalene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	**73**
n-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	**17**
n-propylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	**40**
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U	**16**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-LS-GW 12-Jun-2007	AOC9-TW41-GW 11-Jun-2007	AOC9-TW42-GW 18-Jun-2007	AOC9-TW43-GW 11-Jun-2007	AOC9-TW44-GW 11-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	**25**
sec-butylbenzene	5 *	1.0 U	1.0 U	**0.20 J**	1.0 U	**19**
t-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	**9.8 J**
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	50 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
trichloroethylene (tce)	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	10 U
xylenes, total	5	2.0 U	2.0 U	2.0 U	2.0 U	**100**
Total VOCs		**ND**	**0.31**	**1.1**	**1.2**	**1900**

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW45-GW 12-Jun-2007	AOC9-TW46-GW 19-Jun-2007	AOC9-TW47-GW 12-Jun-2007	AOC9-TW48-GW 20-Jun-2007	AOC9-TW49-GW 19-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	10 U	1.0 U	1.0 U	1.0 U	**0.25 J**
1,2,4-trichlorobenzene	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	**680**	**25**	**0.26 J**	1.0 U	**360**
1,2-dichlorobenzene	0.6	**180**	**5.9**	1.0 U	1.0 U	**170**
1,2-dichloroethane	3	5.0 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	**240**	**14**	**0.26 J**	1.0 U	**110 J**
1,3-dichlorobenzene	3	**11**	**0.54 J**	1.0 U	1.0 U	**7.0**
1,4-dichlorobenzene	3	**160**	**16**	0.50 U	0.50 U	**110**
2-chlorotoluene	5*	10 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	10 U	1.0 U	1.0 U	1.0 U	**0.59 J**
acetone	50 g	100 U	10 U	**1.4 J**	10 U	**1.7 J**
benzene	1	**4.0 J**	**2.8 J**	0.50 U	0.50 U	**3.9 J**
chlorobenzene	5	**1400**	**190**	**0.29 J**	0.50 U	**140 J**
chloroform	7	5.0 U	0.50 U	0.50 U	0.50 U	1.0 U
chloromethane	5	10 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	**26**	**0.52 J**	1.0 U	1.0 U	**7.9**
dichlorodifluoromethane	5 *	10 U	1.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	**13**	**0.46 J**	1.0 U	1.0 U	**26**
isopropylbenzene (cumene)	5 *	**31**	**1.7**	1.0 U	1.0 U	**23**
m,p-xylene (sum of isomers)	10 g	**55**	**1.9 J**	2.0 U	2.0 U	**130**
naphthalene	5 *	**88**	**5.2**	1.0 U	1.0 U	**66**
n-butylbenzene	5 *	**17**	**1.4**	**0.35 J**	1.0 U	**8.7**
n-propylbenzene	5 *	**45**	**3.2**	1.0 U	1.0 U	**16**
o-xylene (1,2-dimethylbenzene)	5	**18**	**1.8**	1.0 U	1.0 U	**4.7**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW45-GW 12-Jun-2007	AOC9-TW46-GW 19-Jun-2007	AOC9-TW47-GW 12-Jun-2007	AOC9-TW48-GW 20-Jun-2007	AOC9-TW49-GW 19-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	**25**	**2.4**	**0.48 J**	1.0 U	**15**
sec-butylbenzene	5 *	**20**	**1.8**	**0.21 J**	1.0 U	**11**
t-butylbenzene	5 *	**9.2 J**	**0.85 J**	1.0 U	1.0 U	**4.5**
tert-butyl methyl ether	10	50 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	**12**	1.0 U	**4.4**	**0.66 J**	1.0 U
toluene	5	10 U	**0.38 J**	1.0 U	1.0 U	**2.9**
trans-1,2-dichloroethene	5	10 U	1.0 U	1.0 U	1.0 U	**0.93 J**
trichloroethylene (tce)	5	**1.0 J**	1.0 U	**0.25 J**	**0.26 J**	**14**
vinyl chloride	2	10 U	**0.44 J**	1.0 U	1.0 U	**1.3**
xylenes, total	5	**73**	**3.7**	2.0 U	2.0 U	**90**
Total VOCs		**3100**	**280**	**7.9**	**0.92**	**1300**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW51-GW 20-Jun-2007	AOC9-TW52-GW 12-Jun-2007	AOC9-TW54B-GW 19-Jun-2007	AOC9-TW54-GW 15-Jun-2007	AOC9-TW56-GW 14-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,2,4-trimethylbenzene	5 *	1.0 U	**0.20 J**	**18**	1.0 U	**13**
1,2-dichlorobenzene	0.6	1.0 U	**0.14 J**	**130**	1.0 U	**3.1 J**
1,2-dichloroethane	3	0.50 U	0.50 U	**0.11 J**	0.50 U	5.0 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	**7.2**	1.0 U	**9.3 J**
1,3-dichlorobenzene	3	1.0 U	1.0 U	**2.8**	1.0 U	10 U
1,4-dichlorobenzene	3	0.50 U	**0.27 J**	**56**	0.50 U	**34**
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	10 U
4-chlorotoluene	5*	1.0 U	1.0 U	**0.31 J**	1.0 U	10 U
acetone	50 g	10 U	**1.0 J**	10 U	10 U	100 U
benzene	1	0.50 U	0.50 U	**10 J**	0.50 U	**1.0 J**
chlorobenzene	5	0.50 U	**1.2**	**890**	0.50 U	**180**
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	10 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	**17**	1.0 U	10 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	1.0 U	1.0 U	10 U
ethylbenzene	5	1.0 U	1.0 U	**7.9**	1.0 U	**1.1 J**
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	**4.4**	1.0 U	**1.8 J**
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	**15**	2.0 U	**14 J**
naphthalene	5 *	1.0 U	1.0 U	**6.1**	1.0 U	10 U
n-butylbenzene	5 *	1.0 U	1.0 U	**0.55 J**	1.0 U	10 U
n-propylbenzene	5 *	1.0 U	1.0 U	**1.7**	1.0 U	10 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	**10**	1.0 U	**9.8 J**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW51-GW 20-Jun-2007	AOC9-TW52-GW 12-Jun-2007	AOC9-TW54B-GW 19-Jun-2007	AOC9-TW54-GW 15-Jun-2007	AOC9-TW56-GW 14-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	**0.87 J**	1.0 U	10 U
sec-butylbenzene	5 *	1.0 U	1.0 U	**0.54 J**	1.0 U	10 U
t-butylbenzene	5 *	1.0 U	1.0 U	**0.48 J**	1.0 U	10 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	50 U
tetrachloroethylene(pce)	5	**3.1 J**	**5.2**	1.0 U	1.0 U	10 U
toluene	5	1.0 U	**0.37 J**	**2.6**	1.0 U	10 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	**1.6**	1.0 U	10 U
trichloroethylene (tce)	5	**1.1**	**1.8**	**0.79 J**	1.0 U	10 U
vinyl chloride	2	1.0 U	1.0 U	**3.5**	1.0 U	10 U
xylenes, total	5	2.0 U	2.0 U	**25**	2.0 U	**23**
Total VOCs		**4.2**	**10**	**1200**	**ND**	**290**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW56R-GW 18-Jun-2007	AOC9-TW57-GW 15-Jun-2007	AOC9-TW58-GW 14-Jun-2007	AOC9-TW59-GW 14-Jun-2007	AOC9-TW60-GW 14-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	**5.8**	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	**1.9**	**0.12 J**	1.0 U	1.0 U	1.0 U
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	**3.7**	1.0 U	1.0 U	1.0 U	1.0 U
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	**15**	**0.18 J**	0.50 U	0.50 U	0.50 U
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	**0.28 J**	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	**3.1 J**	10 U	10 U	10 U	10 U
benzene	1	**1.8 J**	0.50 U	0.50 U	0.50 U	0.50 U
chlorobenzene	5	**100**	**0.30 J**	0.50 U	0.50 U	0.50 U
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	**0.13 J**	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	**1.8**	1.0 U	1.0 U	1.0 U	1.0 U
dichlorodifluoromethane	5 *	1.0 U	**0.35 J**	1.0 U	1.0 U	1.0 U
ethylbenzene	5	**0.53 J**	1.0 U	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	**0.61 J**	1.0 U	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	**2.1**	2.0 U	2.0 U	2.0 U	2.0 U
naphthalene	5 *	**1.0**	1.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	**0.30 J**	1.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	**0.19 J**	1.0 U	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	**2.1**	1.0 U	1.0 U	1.0 U	1.0 U

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW56R-GW 18-Jun-2007	AOC9-TW57-GW 15-Jun-2007	AOC9-TW58-GW 14-Jun-2007	AOC9-TW59-GW 14-Jun-2007	AOC9-TW60-GW 14-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	**0.59 J**	1.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	**0.29 J**	1.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	**0.56 J**	1.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	**0.67 J**	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
toluene	5	**1.9**	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	1.0 U	1.0 U	1.0 U	1.0 U	**0.14 J**
vinyl chloride	2	**1.5**	1.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	**4.3**	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		**150**	**0.95**	**ND**	**ND**	**0.14**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW61-GW 13-Jun-2007	AOC9-TW62-GW 13-Jun-2007	AOC9-TW65-GW 13-Jun-2007	AOC9-TW66-GW 18-Jun-2007	AOC9-TW67-GW/D 13-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	1.0 U	**0.22 J**	1.0 U	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	1.0 U	**0.33 J**	1.0 U	1.0 U	1.0 U
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	0.50 U	**0.41 J**	0.50 U	0.50 U	0.50 U
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	10 U	10 U	10 U	10 U	**1.4 J**
benzene	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chlorobenzene	5	0.50 U	**1.9**	0.50 U	0.50 U	0.50 U
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
naphthalene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW61-GW 13-Jun-2007	AOC9-TW62-GW 13-Jun-2007	AOC9-TW65-GW 13-Jun-2007	AOC9-TW66-GW 18-Jun-2007	AOC9-TW67-GW/D 13-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
toluene	5	1.0 U	**0.35 J**	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		**ND**	**3.2**	**ND**	**ND**	**1.4**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW67-GW 13-Jun-2007	AOC9-TW68-GW 12-Jun-2007	AOC9-TW69-GW 12-Jun-2007	AOC9-TW70-GW 12-Jun-2007	AOC9-TW71-GW 12-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	5.0 U	**0.86 J**	1.0 U	**0.94 J**
1,2,4-trimethylbenzene	5 *	1.0 U	**1.8 J**	**0.60 J**	**69 J**	**95 J**
1,2-dichlorobenzene	0.6	1.0 U	**34**	**72**	**3.8**	**230**
1,2-dichloroethane	3	0.50 U	2.5 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	5.0 U	**0.28 J**	**29**	**19**
1,3-dichlorobenzene	3	1.0 U	5.0 U	**2.6**	**4.4**	**8.3**
1,4-dichlorobenzene	3	0.50 U	**7.5**	**25**	**120 J**	**260**
2-chlorotoluene	5*	1.0 U	5.0 U	**0.59 J**	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	5.0 U	**0.25 J**	**1.1**	**0.61 J**
acetone	50 g	10 U	50 U	**3.8 J**	10 U	10 U
benzene	1	0.50 U	**1.6 J**	**1.1**	**29**	**120 J**
chlorobenzene	5	0.50 U	**97**	**51**	**270 J**	**2400**
chloroform	7	0.50 U	2.5 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	**1.6 J**	**10**	**6.6**	**2.1**
dichlorodifluoromethane	5 *	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	1.0 U	5.0 U	**0.17 J**	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	5.0 U	**1.8**	**11**	**16**
m,p-xylene (sum of isomers)	10 g	2.0 U	10 U	**1.4 J**	**48**	**29**
naphthalene	5 *	1.0 U	**3.8 J**	**2.2**	**28**	**26**
n-butylbenzene	5 *	1.0 U	**15**	**0.74 J**	**1.7**	**4.8**
n-propylbenzene	5 *	1.0 U	5.0 U	**0.42 J**	**5.0**	**10**
o-xylene (1,2-dimethylbenzene)	5	1.0 U	5.0 U	**2.7**	**32**	**28**

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW67-GW 13-Jun-2007	AOC9-TW68-GW 12-Jun-2007	AOC9-TW69-GW 12-Jun-2007	AOC9-TW70-GW 12-Jun-2007	AOC9-TW71-GW 12-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	**21**	**0.55 J**	**2.6**	**6.9**
sec-butylbenzene	5 *	1.0 U	**11**	**0.52 J**	**3.2**	**5.5**
t-butylbenzene	5 *	1.0 U	**2.6 J**	**0.58 J**	**1.6**	**2.0**
tert-butyl methyl ether	10	5.0 U	25 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	5.0 U	1.0 U	**1.1**	**2.2**
toluene	5	1.0 U	**2.8 J**	**2.4**	**6.7**	**3.0**
trans-1,2-dichloroethene	5	1.0 U	5.0 U	**1.2**	**0.15 J**	**0.13 J**
trichloroethylene (tce)	5	1.0 U	5.0 U	**0.17 J**	**0.24 J**	**1.4**
vinyl chloride	2	1.0 U	**0.65 J**	**0.45 J**	**1.5**	**2.2**
xylenes, total	5	2.0 U	10 U	**4.1**	**80**	**57**
Total VOCs		**ND**	**200**	**190**	**760**	**3300**

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW72-GW 14-Jun-2007	AOC9-TW72R-GW 18-Jun-2007	AOC9-TW73-GW 14-Jun-2007	AOC9-TW74-GW 14-Jun-2007	AOC9-TW75-GW 14-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	10 U	10 U	10 U	10 U	10 U
benzene	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chlorobenzene	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
naphthalene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW72-GW 14-Jun-2007	AOC9-TW72R-GW 18-Jun-2007	AOC9-TW73-GW 14-Jun-2007	AOC9-TW74-GW 14-Jun-2007	AOC9-TW75-GW 14-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	1.0 U	1.0 U	**0.13 J**	**0.12 J**	**0.44 J**
vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		**ND**	**ND**	**0.13**	**0.12**	**0.44**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW76-GW 15-Jun-2007	AOC9-TW77-GW/D 14-Jun-2007	AOC9-TW77-GW 14-Jun-2007	AOC9-TW79-GW 14-Jun-2007	AOC9-TW80-GW 14-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	10 U	10 U	10 U	10 U	10 U
benzene	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chlorobenzene	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
naphthalene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW76-GW 15-Jun-2007	AOC9-TW77-GW/D 14-Jun-2007	AOC9-TW77-GW 14-Jun-2007	AOC9-TW79-GW 14-Jun-2007	AOC9-TW80-GW 14-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	**0.72 J**	**0.43 J**	**0.44 J**	1.0 U	**0.26 J**
vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		**0.72**	**0.43**	**0.44**	**ND**	**0.26**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-TW81-GW/D 15-Jun-2007	AOC9-TW81-GW 15-Jun-2007	AOC9-TW82-GW 15-Jun-2007	AOC9-TW83-GW 18-Jun-2007	AOC9-TW84-GW 18-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	1.0 U	1.0 U	1.0 U	**0.24 J**	1.0 U
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	10 U	10 U	10 U	10 U	**1.0 J**
benzene	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chlorobenzene	5	0.50 U	0.50 U	0.50 U	**5.3**	0.50 U
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
naphthalene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-TW81-GW/D 15-Jun-2007	AOC9-TW81-GW 15-Jun-2007	AOC9-TW82-GW 15-Jun-2007	AOC9-TW83-GW 18-Jun-2007	AOC9-TW84-GW 18-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	1.0 U	**0.21 J**	**0.21 J**
toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	1.0 U	1.0 U	1.0 U	**0.41 J**	**0.35 J**
vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		**ND**	**ND**	**ND**	**6.2**	**1.6**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-TW85-GW 18-Jun-2007	AOC9-TW86-GW 19-Jun-2007	AOC9-TW87-GW 18-Jun-2007	GW 19-Jun-2007	AOC9-TW89-GW 21-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	10 U	10 U	10 U	10 U	10 U
benzene	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chlorobenzene	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	**0.20 J**	1.0 U	1.0 U
ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
naphthalene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW85-GW 18-Jun-2007	AOC9-TW86-GW 19-Jun-2007	AOC9-TW87-GW 18-Jun-2007	GW 19-Jun-2007	AOC9-TW89-GW 21-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	**0.21 J**	1.0 U	1.0 U	1.0 U
toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	**0.44 J**	**0.51 J**	1.0 U	1.0 U	1.0 U
vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		**0.44**	**0.72**	**0.2**	**ND**	**ND**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW90-GW 19-Jun-2007	AOC9-TW91-GW 19-Jun-2007	AOC9-TW92-GW 19-Jun-2007	AOC9-TW93-GW 19-Jun-2007	AOC9-TW94-GW 19-Jun-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	**0.20 J**
1,2-dichlorobenzene	0.6	1.0 U	1.0 U	1.0 U	1.0 U	**0.14 J**
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	1.0 U	1.0 U	1.0 U	**0.16 J**
1,3-dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	**0.12 J**
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	10 U	10 U	10 U	10 U	10 U
benzene	1	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chlorobenzene	5	**0.15 J**	**0.18 J**	0.50 U	0.50 U	**0.31 J**
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	1.0 U	**0.19 J**	1.0 U	1.0 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U
naphthalene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW90-GW 19-Jun-2007	AOC9-TW91-GW 19-Jun-2007	AOC9-TW92-GW 19-Jun-2007	AOC9-TW93-GW 19-Jun-2007	AOC9-TW94-GW 19-Jun-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	**5.9 J**	**3.9 J**	**3.8**
toluene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	1.0 U	1.0 U	**1.5**	**2.0**	**1.9**
vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Total VOCs		**0.15**	**0.18**	**9.6**	**5.9**	**6.6**

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW95-GW 20-Jun-2007	AOC9-TW96-GW 20-Jun-2007	AOC9-TW97-GW 20-Jun-2007	A0C9-TW98-GW 24-Sep-2007	A0C9-TW99-GW 24-Sep-2007
SW8260B (µG/L)						
1,1-dichloroethene	5	1.0 U	1.0 U	**0.13 J**	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	1.0 U	**77**	**310**	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	**0.11 J**	**4.1**	**170**	**0.17 J**	1.0 U
1,2-dichloroethane	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	1.0 U	**21**	**110**	1.0 U	1.0 U
1,3-dichlorobenzene	3	1.0 U	**2.1**	**7.3**	1.0 U	1.0 U
1,4-dichlorobenzene	3	**0.17 J**	**33**	**92**	1.0 U	1.0 U
2-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	10 U	10 U	10 U	10.0 U	10.0 U
benzene	1	0.50 U	**3.6**	**7.1**	**2.81**	0.50 U
chlorobenzene	5	**0.19 J**	**590 J**	0.50 U	0.50 U	0.50 U
chloroform	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	1.0 U	**0.42 J**	**8.7**	**2.0**	1.0 U
dichlorodifluoromethane	5 *	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	1.0 U	**2.3**	**25**	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	1.0 U	**3.4**	**20**	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	2.0 U	**5.5 J**	**140 J**	2.0 U	2.0 U
naphthalene	5 *	1.0 U	**14**	**59 J**	1.0 U	1.0 U
n-butylbenzene	5 *	1.0 U	**1.6**	**5.5**	1.0 U	1.0 U
n-propylbenzene	5 *	1.0 U	**4.1**	**18**	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	1.0 U	**8.8**	**4.1**	1.0 U	1.0 U

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	AOC9-TW95-GW 20-Jun-2007	AOC9-TW96-GW 20-Jun-2007	AOC9-TW97-GW 20-Jun-2007	A0C9-TW98-GW 24-Sep-2007	A0C9-TW99-GW 24-Sep-2007
SW8260B (µG/L)						
p-cymene (p-isopropyltoluene)	5 *	1.0 U	**3.3**	**12**	1.0 U	1.0 U
sec-butylbenzene	5 *	1.0 U	**3.0**	**8.1**	1.0 U	1.0 U
t-butylbenzene	5 *	1.0 U	**1.4**	**3.8**	1.0 U	1.0 U
tert-butyl methyl ether	10	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	1.0 U	1.0 U	1.0 U	**4.09**	**3.6**
toluene	5	1.0 U	**1.2**	**1.5**	**0.15 J**	**0.11 J**
trans-1,2-dichloroethene	5	1.0 U	1.0 U	**0.51 J**	1.0000 U	1.0000 U
trichloroethylene (tce)	5	**0.21 J**	**0.35 J**	**4.2**	**1.95**	**2.02**
vinyl chloride	2	1.0 U	1.0 U	**1.3**	1.0 U	1.0 U
xylenes, total	5	2.0 U	**14**	**120**	2.0 U	2.0 U
Total VOCs		**0.68**	**790**	**1100**	**11**	**5.7**

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Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	A0C9-TW100-GW 24-Sep-2007	A0C9-TW101-GW 24-Sep-2007	A0C9-TW102-GW 24-Sep-2007	A0C9-TW103-GW 24-Sep-2007
SW8260B (µG/L)					
1,1-dichloroethene	5	100.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trichlorobenzene	5	100.0 U	1.0 U	1.0 U	1.0 U
1,2,4-trimethylbenzene	5 *	**201**	1.0 U	1.0 U	1.0 U
1,2-dichlorobenzene	0.6	**35 J**	1.0 U	1.0 U	1.0 U
1,2-dichloroethane	3	50.0 U	0.50 U	0.50 U	0.50 U
1,3,5-trimethylbenzene (mesitylene)	5*	**81 J**	1.0 U	1.0 U	1.0 U
1,3-dichlorobenzene	3	100.0 U	1.0 U	1.0 U	1.0 U
1,4-dichlorobenzene	3	**523**	1.0 U	1.0 U	1.0 U
2-chlorotoluene	5*	100.0 U	1.0 U	1.0 U	1.0 U
4-chlorotoluene	5*	100.0 U	1.0 U	1.0 U	1.0 U
acetone	50 g	1000.0 U	**1.11 J**	10.0 U	10.0 U
benzene	1	**19 J**	0.50 U	0.50 U	0.50 U
chlorobenzene	5	**2250**	0.50 U	0.50 U	0.50 U
chloroform	7	50.0 U	0.50 U	0.50 U	0.50 U
chloromethane	5	100.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-dichloroethylene	5	100.0 U	1.0 U	1.0 U	1.0 U
dichlorodifluoromethane	5 *	100.0 U	1.0 U	1.0 U	1.0 U
ethylbenzene	5	**19 J**	1.0 U	1.0 U	1.0 U
isopropylbenzene (cumene)	5 *	**19 J**	1.0 U	1.0 U	1.0 U
m,p-xylene (sum of isomers)	10 g	**60 J**	2.0 U	2.0 U	2.0 U
naphthalene	5 *	100.0 U	1.0 U	1.0 U	1.0 U
n-butylbenzene	5 *	100.0 U	1.0 U	1.0 U	1.0 U
n-propylbenzene	5 *	**15 J**	1.0 U	1.0 U	1.0 U
o-xylene (1,2-dimethylbenzene)	5	**35 J**	1.0 U	1.0 U	1.0 U

Table 3-1 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Groundwater Screening Samples
Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria (1)	A0C9-TW100-GW 24-Sep-2007	A0C9-TW101-GW 24-Sep-2007	A0C9-TW102-GW 24-Sep-2007	A0C9-TW103-GW 24-Sep-2007
SW8260B (µG/L)					
p-cymene (p-isopropyltoluene)	5 *	100.0 U	1.0 U	1.0 U	1.0 U
sec-butylbenzene	5 *	100.0 U	1.0 U	1.0 U	1.0 U
t-butylbenzene	5 *	100.0 U	1.0 U	1.0 U	1.0 U
tert-butyl methyl ether	10	500.0 U	5.0 U	5.0 U	5.0 U
tetrachloroethylene(pce)	5	100.0 U	1.0 U	1.0 U	1.0 U
toluene	5	100.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-dichloroethene	5	100.0 U	1.0 U	1.0 U	1.0 U
trichloroethylene (tce)	5	100.0 U	1.0 U	1.0 U	1.0 U
vinyl chloride	2	100.0 U	1.0 U	1.0 U	1.0 U
xylenes, total	5	**95 J**	2.0 U	2.0 U	2.0 U
Total VOCs		**3400**	**1.1**	**ND**	**ND**

(1) New York State Department of Environmental Conservation, Technical and Operational Guidance #1.1.1: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, 1998.

Bolded and shaded values exceed screening criteria. Bolded values are postive results.

Key:

J = Estimated.

µg/L = microgram per liter.

ND = No volatiles detected in this sample.

R = Temporary well re-sampled with disposable bailer.

U = The analyte was analyzed for by not detected. The associated value is the reporting limit.

UJ = Estimated/not detected.

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB01-1 (7.5') 20-June-2007	AOC9-SB01-2 (11') 20-June-2007	AOC9-SB01-3 (15.5') 20-June-2007	AOC9-SB02-1 (5.5') 20-June-2007	AOC9-SB02-2 (20.5') 20-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
1,2,3-trichlorobenzene	NA	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
1,2,3-trichloropropane	NA	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
1,2,4-trichlorobenzene	NA	4.4 U	18 U	0.0051 U	0.0057 U	**0.00090 J**
1,2,4-trimethylbenzene	3.6	**5.9**	**32**	**0.0021 J**	**0.0012 J**	**0.0087**
1,2-dibromo-3-chloropropane	NA	8.8 U	37 U	0.010 U	0.011 U	0.012 U
1,2-dichlorobenzene	1.1	**5.3**	**630 J**	**0.00080 J**	0.0057 U	**0.084**
1,3,5-trimethylbenzene (mesitylene)	8.4	**4.0 J**	**15 J**	**0.00080 J**	0.0057 U	**0.0028 J**
1,3-dichlorobenzene	2.4	5.3 U	**18 J**	0.0062 U	0.0068 U	**0.0055 J**
1,4-dichlorobenzene	1.8	**62**	**160**	**0.0016 J**	0.0028 U	**0.062**
2-chlorotoluene	NA	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
4-chlorotoluene	NA	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
acetone	0.05	44 U	180 U	0.051 U	0.057 U	0.058 U
benzene	0.06	2.2 U	9.1 U	0.0026 U	0.0028 U	**0.00070 J**
bromomethane	NA	8.8 U	37 U	0.010 U	0.011 U	0.012 U
chlorobenzene	1.1	**100**	**240**	0.0026 U	0.0028 U	**0.22**
cis-1,2-dichloroethylene	0.25	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
ethylbenzene	1	4.4 U	18 U	**0.00060 J**	**0.00060 J**	**0.0026 J**
hexachlorobutadiene	NA	2.7 U	11 U	0.0031 U	0.0034 U	0.0035 U
isopropylbenzene (cumene)	NA	**0.66 J**	**6.0 J**	0.0051 U	0.0057 U	**0.0023 J**
m,p-xylene (sum of isomers)	0.26	4.4 U	18 U	**0.0020 J**	**0.0019 J**	**0.0038 J**
methyl ethyl ketone (2-butanone)	0.12	18 U	73 U	0.021 U	**0.0047 J**	**0.0046 J**
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	18 U	73 U	0.021 U	0.023 U	0.023 U
methylene chloride	0.05	4.4 U	**2.4 J**	0.0051 U	0.0057 U	0.0058 U
naphthalene	12	**3.0 J**	**12 J**	0.0051 U	0.0057 U	0.0058 U
n-butylbenzene	12	4.4 U	**7.1 J**	0.0051 U	0.0057 U	**0.0041 J**
n-propylbenzene	3.9	4.4 U	**2.4 J**	0.0051 U	0.0057 U	**0.0067**
o-xylene (1,2-dimethylbenzene)	0.26	4.4 U	18 U	**0.00070 J**	**0.00070 J**	**0.00090 J**
p-cymene (p-isopropyltoluene)	NA	5.3 U	**9.9 J**	0.0062 U	0.0068 U	0.0070 U

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB01-1 (7.5') 20-June-2007	AOC9-SB01-2 (11') 20-June-2007	AOC9-SB01-3 (15.5') 20-June-2007	AOC9-SB02-1 (5.5') 20-June-2007	AOC9-SB02-2 (20.5') 20-June-2007
sec-butylbenzene	11	**0.79 J**	**4.6 J**	0.0051 U	0.0057 U	**0.0031 J**
styrene	NA	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
t-butylbenzene	5.9	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
tetrachloroethene(pce)	1.3	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
toluene	0.7	4.4 U	18 U	**0.00060 J**	0.0057 U	0.0058 U
trans-1,2-dichloroethene	0.19	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
trichloroethylene (tce)	0.47	4.4 U	18 U	0.0051 U	**0.0013 J**	**0.00070 J**
vinyl chloride	0.02	4.4 U	18 U	0.0051 U	0.0057 U	0.0058 U
xylenes, total	0.26	8.8 U	37 U	**0.0028 J**	**0.0026 J**	**0.0047 J**
Total VOCs		**180**	**1100**	**0.0092**	**0.01**	**0.41**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB03-1 (9.5') 21-June-2007	AOC9-SB03-2 (11') 21-June-2007	AOC9-SB04-1 (7.5') 21-June-2007	AOC9-SB04-2 (18.5') 21-June-2007	AOC9-SB05-1 (7.5') 21-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.58 U	0.0055 U	**0.031**	0.0056 UJ	0.61 U
1,2,3-trichlorobenzene	NA	**0.36 J**	0.0055 UJ	**0.0010 J**	0.0056 UJ	0.61 U
1,2,3-trichloropropane	NA	0.58 U	0.0055 UJ	0.0055 U	0.0056 UJ	0.61 U
1,2,4-trichlorobenzene	NA	**1.2 J**	0.0055 UJ	0.0055 U	0.0056 UJ	0.61 U
1,2,4-trimethylbenzene	3.6	0.70 U	0.0066 UJ	**0.17**	**0.0016 J**	**21 J**
1,2-dibromo-3-chloropropane	NA	1.2 U	0.011 UJ	0.011 U	0.011 UJ	1.2 U
1,2-dichlorobenzene	1.1	0.58 U	**0.0026 J**	**0.0054 J**	**0.011 J**	**6.0 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	0.58 U	0.0055 UJ	**0.067**	**0.00060 J**	**13 J**
1,3-dichlorobenzene	2.4	0.70 U	**0.0015 J**	**0.0084**	0.0067 UJ	**0.45 J**
1,4-dichlorobenzene	1.8	0.29 U	**0.0025 J**	**0.083**	**0.0047 J**	**3.2 J**
2-chlorotoluene	NA	0.58 U	0.0055 UJ	0.0055 U	0.0056 UJ	0.61 U
4-chlorotoluene	NA	0.58 U	0.0055 UJ	0.0055 U	0.0056 UJ	0.61 U
acetone	0.05	5.8 U	0.055 U	**0.0044 J**	**0.030 J**	6.1 U
benzene	0.06	0.29 U	0.0028 U	0.0028 U	**0.00060 J**	**0.097 J**
bromomethane	NA	1.2 U	0.011 U	0.011 U	0.011 UJ	1.2 U
chlorobenzene	1.1	0.29 U	**0.0015 J**	**0.00070 J**	**0.065 J**	**12 J**
cis-1,2-dichloroethylene	0.25	0.58 U	0.0055 U	0.0055 U	**0.0043 J**	**0.10 J**
ethylbenzene	1	0.58 U	0.0055 U	**0.0022 J**	**0.0056 J**	0.61 U
hexachlorobutadiene	NA	0.35 U	0.0033 UJ	0.0033 U	0.0033 UJ	0.36 U
isopropylbenzene (cumene)	NA	0.58 U	0.0055 UJ	**0.0059**	**0.00060 J**	**1.1 J**
m,p-xylene (sum of isomers)	0.26	0.58 U	0.0055 U	0.0055 U	**0.0065 J**	**0.25 J**
methyl ethyl ketone (2-butanone)	0.12	2.3 U	0.022 U	0.022 U	**0.011 J**	2.4 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	2.3 U	0.022 U	0.022 U	**0.018 J**	2.4 U
methylene chloride	0.05	0.58 U	0.0055 U	0.0055 U	0.0056 U	0.61 U
naphthalene	12	0.58 U	0.0055 UJ	0.0055 U	0.0056 U	0.61 U
n-butylbenzene	12	**6.2 J**	0.0055 UJ	**0.0093**	0.0056 UJ	**3.5 J**
n-propylbenzene	3.9	0.58 U	0.0055 UJ	**0.012**	**0.0010 J**	**2.0 J**
o-xylene (1,2-dimethylbenzene)	0.26	0.58 U	0.0055 U	0.0055 U	**0.0023 J**	**0.15 J**
p-cymene (p-isopropyltoluene)	NA	**7.7 J**	0.0066 UJ	**0.0081**	0.0067 UJ	**3.9 J**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB03-1 (9.5') 21-June-2007	AOC9-SB03-2 (11') 21-June-2007	AOC9-SB04-1 (7.5') 21-June-2007	AOC9-SB04-2 (18.5') 21-June-2007	AOC9-SB05-1 (7.5') 21-June-2007
sec-butylbenzene	11	**5.6 J**	0.0055 UJ	**0.0074**	0.0056 UJ	**3.0 J**
styrene	NA	0.58 U	0.0055 U	0.0055 U	**0.0080 J**	0.61 U
t-butylbenzene	5.9	**1.7 J**	0.0055 UJ	**0.0018 J**	0.0056 UJ	**0.58 J**
tetrachloroethene(pce)	1.3	0.58 U	0.0055 UJ	0.0055 UJ	0.0056 UJ	0.61 U
toluene	0.7	0.58 U	0.0055 U	0.0055 U	**0.0099 J**	0.61 U
trans-1,2-dichloroethene	0.19	0.58 U	0.0055 U	0.0055 U	0.0056 UJ	0.61 U
trichloroethylene (tce)	0.47	0.58 U	0.0055 U	0.0055 U	**0.014 J**	0.61 U
vinyl chloride	0.02	0.58 U	0.0055 U	0.0055 U	0.0056 UJ	0.61 U
xylenes, total	0.26	1.2 U	0.0055 U	0.0055 U	**0.0088 J**	**0.41 J**
Total VOCs		**23**	**0.0081**	**0.42**	**0.19**	**70**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB06-1 (7.5') 21-June-2007	AOC9-SB06-2 (10.5') 21-June-2007	AOC9-SB07-1 (7.0') 21-June-2007	AOC9-SB07-2 (12.5') 21-June-2007	AOC9-SB08-1 (9.0') 21-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
1,2,3-trichlorobenzene	NA	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
1,2,3-trichloropropane	NA	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
1,2,4-trichlorobenzene	NA	9.3 U	**0.0020 J**	8.4 U	0.55 U	0.58 U
1,2,4-trimethylbenzene	3.6	**1.4 J**	**0.077**	**4.4 J**	**8.5 J**	**69 J**
1,2-dibromo-3-chloropropane	NA	19 U	0.012 U	17 U	1.1 U	1.2 U
1,2-dichlorobenzene	1.1	**1.1 J**	**0.65**	**2.3 J**	**3.1 J**	**1.1 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	9.3 U	0.0058 U	**1.4 J**	**4.2 J**	**33 J**
1,3-dichlorobenzene	2.4	11 U	**0.033**	10 U	0.66 U	**1.6 J**
1,4-dichlorobenzene	1.8	4.7 U	**0.10**	**3.6 J**	**34 J**	**33 J**
2-chlorotoluene	NA	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
4-chlorotoluene	NA	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
acetone	0.05	93 U	0.058 U	84 U	5.5 U	5.8 U
benzene	0.06	4.7 U	**0.018**	4.2 U	0.28 U	0.29 U
bromomethane	NA	19 U	0.012 U	17 U	1.1 U	1.2 U
chlorobenzene	1.1	**4.1 J**	**0.14**	**63**	**50 J**	**39 J**
cis-1,2-dichloroethylene	0.25	9.3 U	**0.13**	8.4 U	0.55 U	0.58 U
ethylbenzene	1	9.3 U	0.0058 U	8.4 U	**0.40 J**	**0.89 J**
hexachlorobutadiene	NA	5.6 U	0.0035 U	5.1 U	0.33 U	0.35 U
isopropylbenzene (cumene)	NA	9.3 U	**0.020**	8.4 U	**0.59 J**	**4.8 J**
m,p-xylene (sum of isomers)	0.26	9.3 U	**0.0037 J**	8.4 U	**1.1 J**	**7.8 J**
methyl ethyl ketone (2-butanone)	0.12	37 U	0.023 U	34 U	2.2 U	2.3 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	37 U	0.023 U	34 U	2.2 U	2.3 U
methylene chloride	0.05	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
naphthalene	12	**9.1 J**	**0.014**	**4.3 J**	**1.6 J**	**11 J**
n-butylbenzene	12	**9.7 J**	**0.023**	**1.1 J**	**0.94 J**	**5.0 J**
n-propylbenzene	3.9	9.3 U	**0.014**	**0.84 J**	**0.61 J**	**6.0 J**
o-xylene (1,2-dimethylbenzene)	0.26	9.3 U	**0.024**	8.4 U	**1.0 J**	**6.6 J**
p-cymene (p-isopropyltoluene)	NA	**14 J**	**0.012**	10 U	**1.0 J**	**6.0 J**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB06-1 (7.5') 21-June-2007	AOC9-SB06-2 (10.5') 21-June-2007	AOC9-SB07-1 (7.0') 21-June-2007	AOC9-SB07-2 (12.5') 21-June-2007	AOC9-SB08-1 (9.0') 21-June-2007
sec-butylbenzene	11	**10 J**	**0.018**	**1.7 J**	**0.85 J**	**4.6 J**
styrene	NA	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
t-butylbenzene	5.9	9.3 U	**0.0032 J**	8.4 U	**0.28 J**	**0.93 J**
tetrachloroethene(pce)	1.3	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
toluene	0.7	9.3 U	0.0058 U	8.4 U	**0.055 J**	0.58 U
trans-1,2-dichloroethene	0.19	9.3 U	**0.0092**	8.4 U	0.55 U	0.58 U
trichloroethylene (tce)	0.47	9.3 U	0.0058 U	8.4 U	0.55 U	0.58 U
vinyl chloride	0.02	9.3 U	**0.053**	8.4 U	0.55 U	0.58 U
xylenes, total	0.26	19 U	**0.027**	17 U	**2.1 J**	**14 J**
Total VOCs		**49**	**1.3**	**83**	**110**	**230**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB09-1 (11.5') 22-June-2007	AOC9-SB09-2 (16.0') 22-June-2007	AOC9-SB10-1 (16.5') 22-June-2007	AOC9-SB10-2 (20.5') 22-June-2007	AOC9-SB11-1 (11.5') 25-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
1,2,3-trichlorobenzene	NA	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
1,2,3-trichloropropane	NA	**0.061 J**	0.0056 U	0.59 U	0.0060 U	**1.4 J**
1,2,4-trichlorobenzene	NA	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
1,2,4-trimethylbenzene	3.6	**4.2 J**	0.0067 U	**32 J**	**0.0064 J**	**50 J**
1,2-dibromo-3-chloropropane	NA	1.1 U	0.011 U	1.2 U	0.012 U	4.7 UJ
1,2-dichlorobenzene	1.1	**0.82 J**	0.0056 U	**0.25 J**	**0.12**	**4.1 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	**1.1 J**	0.0056 U	**14 J**	0.0060 U	**35 J**
1,3-dichlorobenzene	2.4	**0.15 J**	0.0067 U	**0.19 J**	**0.0022 J**	**3.3 J**
1,4-dichlorobenzene	1.8	**3.3 J**	0.0028 U	**2.3 J**	**0.033**	**110 J**
2-chlorotoluene	NA	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
4-chlorotoluene	NA	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
acetone	0.05	5.6 U	0.056 U	5.9 U	0.060 U	24 U
benzene	0.06	0.28 U	0.0028 U	0.30 U	**0.0026 J**	1.2 U
bromomethane	NA	1.1 U	0.011 U	1.2 U	0.012 U	4.7 U
chlorobenzene	1.1	**2.4 J**	**0.00060 J**	**0.26 J**	**0.16**	**340 J**
cis-1,2-dichloroethylene	0.25	0.56 U	0.0056 U	0.59 U	**0.00070 J**	2.4 U
ethylbenzene	1	0.56 U	0.0056 U	**0.23 J**	**0.00080 J**	**1.4 J**
hexachlorobutadiene	NA	0.33 U	0.0034 U	0.36 U	0.0036 U	1.4 U
isopropylbenzene (cumene)	NA	**0.43 J**	0.0056 U	**1.4 J**	**0.0011 J**	**2.6 J**
m,p-xylene (sum of isomers)	0.26	**0.17 J**	0.0056 U	**1.8 J**	**0.0011 J**	**6.6 J**
methyl ethyl ketone (2-butanone)	0.12	2.2 U	0.023 U	2.4 U	**0.0065 J**	9.5 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	2.2 U	0.023 U	2.4 U	0.024 U	9.5 U
methylene chloride	0.05	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
naphthalene	12	**0.71 J**	0.0056 U	**2.6 J**	0.0060 U	**11 J**
n-butylbenzene	12	0.56 U	0.0056 U	**1.6 J**	**0.0039 J**	**3.5 J**
n-propylbenzene	3.9	0.56 U	0.0056 U	**2.4 J**	**0.00080 J**	**3.5 J**
o-xylene (1,2-dimethylbenzene)	0.26	**0.20 J**	0.0056 U	**0.16 J**	**0.00090 J**	**6.0 J**
p-cymene (p-isopropyltoluene)	NA	**0.26 J**	0.0067 U	**2.0 J**	0.0072 U	**4.5 J**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB09-1 (11.5') 22-June-2007	AOC9-SB09-2 (16.0') 22-June-2007	AOC9-SB10-1 (16.5') 22-June-2007	AOC9-SB10-2 (20.5') 22-June-2007	AOC9-SB11-1 (11.5') 25-June-2007
sec-butylbenzene	11	**0.38 J**	0.0056 U	**1.4 J**	**0.0021 J**	**3.3 J**
styrene	NA	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
t-butylbenzene	5.9	**0.16 J**	0.0056 U	**0.39 J**	0.0060 U	**0.83 J**
tetrachloroethene(pce)	1.3	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
toluene	0.7	0.56 U	0.0056 U	0.59 U	0.0060 U	**0.38 J**
trans-1,2-dichloroethene	0.19	0.56 U	0.0056 U	0.59 U	0.0060 U	2.4 U
trichloroethylene (tce)	0.47	0.56 U	0.0056 U	0.59 U	**0.00080 J**	2.4 U
vinyl chloride	0.02	0.56 U	0.0056 U	0.59 U	**0.0012 J**	2.4 U
xylenes, total	0.26	**0.36 J**	0.0056 U	**1.9 J**	**0.0020 J**	**13 J**
Total VOCs		**14**	**0.0006**	**63**	**0.34**	**590**

Table 3-2 Additional AOC 9 Predesign Investigation, Summary of Positive Results for Soil Samples, Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-SB11-2 (15.5') 25-June-2007	AOC9-SB12-1 (12') 25-June-2007	AOC9-SB12-1/D (12') 25-June-2007	AOC9-SB12-2 (15.5') 25-June-2007	AOC9-SB13-1 (16.5') 25-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
1,2,3-trichlorobenzene	NA	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
1,2,3-trichloropropane	NA	0.0057 U	**0.74 J**	**0.72 J**	0.0063 U	0.59 U
1,2,4-trichlorobenzene	NA	0.0057 U	**4.7 J**	**4.9 J**	0.0063 U	0.59 U
1,2,4-trimethylbenzene	3.6	0.0069 U	**40 J**	**42 J**	0.0076 U	**14 J**
1,2-dibromo-3-chloropropane	NA	0.011 U	9.2 UJ	9.6 UJ	0.013 U	1.2 U
1,2-dichlorobenzene	1.1	0.0057 U	**790 J**	**1000 J**	0.0063 U	0.59 U
1,3,5-trimethylbenzene (mesitylene)	8.4	0.0057 U	**20 J**	**19 J**	0.0063 U	**9.8 J**
1,3-dichlorobenzene	2.4	0.0069 U	**19 J**	**24 J**	0.0076 U	**0.14 J**
1,4-dichlorobenzene	1.8	0.0029 U	**170 J**	**160 J**	0.0032 U	**1.8 J**
2-chlorotoluene	NA	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
4-chlorotoluene	NA	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
acetone	0.05	0.057 U	46 U	48 U	0.063 U	5.9 U
benzene	0.06	0.0029 U	**1.1 J**	**1.6 J**	0.0032 U	0.30 U
bromomethane	NA	0.011 U	9.2 U	9.6 U	0.013 U	1.2 U
chlorobenzene	1.1	**0.0032**	**440 J**	**260 J**	0.0032 U	**8.2 J**
cis-1,2-dichloroethylene	0.25	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
ethylbenzene	1	0.0057 U	**3.5 J**	**4.8 J**	0.0063 U	**0.13 J**
hexachlorobutadiene	NA	0.0034 U	2.8 U	2.9 U	0.0038 U	0.36 U
isopropylbenzene (cumene)	NA	0.0057 U	**3.5 J**	**4.7 J**	0.0063 U	**0.39 J**
m,p-xylene (sum of isomers)	0.26	0.0057 U	**17 J**	**24 J**	0.0063 U	**0.30 J**
methyl ethyl ketone (2-butanone)	0.12	0.023 U	18 U	19 U	0.025 U	2.4 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.023 U	18 U	19 U	0.025 U	2.4 U
methylene chloride	0.05	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
naphthalene	12	0.0057 U	**12 J**	**13 J**	0.0063 U	**15 J**
n-butylbenzene	12	0.0057 U	**3.1 J**	**2.6 J**	0.0063 U	0.59 U
n-propylbenzene	3.9	0.0057 U	**3.2 J**	**4.1 J**	0.0063 U	0.59 U
o-xylene (1,2-dimethylbenzene)	0.26	0.0057 U	**7.0 J**	**9.7 J**	0.0063 U	**0.089 J**
p-cymene (p-isopropyltoluene)	NA	0.0069 U	**3.8 J**	**3.4 J**	0.0076 U	**2.5 J**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB11-2 (15.5') 25-June-2007	AOC9-SB12-1 (12') 25-June-2007	AOC9-SB12-1/D (12') 25-June-2007	AOC9-SB12-2 (15.5') 25-June-2007	AOC9-SB13-1 (16.5') 25-June-2007
sec-butylbenzene	11	0.0057 U	**3.0 J**	**2.8 J**	0.0063 U	**0.95 J**
styrene	NA	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
t-butylbenzene	5.9	0.0057 U	**0.78 J**	**0.62 J**	0.0063 U	0.59 U
tetrachloroethene(pce)	1.3	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
toluene	0.7	0.0057 U	**1.4 J**	**3.4 J**	0.0063 U	0.59 U
trans-1,2-dichloroethene	0.19	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
trichloroethylene (tce)	0.47	0.0057 U	4.6 U	**1.5 J**	0.0063 U	0.59 U
vinyl chloride	0.02	0.0057 U	4.6 U	4.8 U	0.0063 U	0.59 U
xylenes, total	0.26	0.0057 U	**24 J**	**34 J**	0.0063 U	**0.39 J**
Total VOCs		**0.0032**	**1500**	**1600**	**ND**	**53**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB13-2 (21.5') 25-June-2007	AOC9-SB14-1 (16.5') 25-June-2007	AOC9-SB14-2 (22.5') 25-June-2007	AOC9-SB15-1 (18.5') 25-June-2007	AOC9-SB15-2 (22.5') 25-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
1,2,3-trichlorobenzene	NA	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
1,2,3-trichloropropane	NA	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
1,2,4-trichlorobenzene	NA	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
1,2,4-trimethylbenzene	3.6	**0.038**	**86 J**	0.0067 U	**300 J**	**0.00080 J**
1,2-dibromo-3-chloropropane	NA	0.059 U	9.5 UJ	0.011 U	39 U	0.011 U
1,2-dichlorobenzene	1.1	**0.0036 J**	4.8 UJ	**0.011**	20 U	**0.018**
1,3,5-trimethylbenzene (mesitylene)	8.4	**0.011 J**	**51 J**	0.0056 U	**120 J**	0.0055 U
1,3-dichlorobenzene	2.4	0.035 U	5.7 UJ	**0.00090 J**	23 U	**0.0014 J**
1,4-dichlorobenzene	1.8	**0.037**	**11 J**	**0.019**	**37 J**	**0.027**
2-chlorotoluene	NA	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
4-chlorotoluene	NA	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
acetone	0.05	0.29 U	48 UJ	0.056 U	200 U	0.055 U
benzene	0.06	0.015 U	2.4 UJ	**0.0015 J**	9.8 U	0.0027 U
bromomethane	NA	0.059 U	9.5 UJ	0.011 U	39 U	0.011 U
chlorobenzene	1.1	**0.21**	**14 J**	**0.054**	**120 J**	**0.16 J**
cis-1,2-dichloroethylene	0.25	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
ethylbenzene	1	0.029 U	**1.1 J**	0.0056 U	**3.9 J**	0.0055 U
hexachlorobutadiene	NA	0.018 U	2.9 UJ	0.0034 U	12 U	0.0033 U
isopropylbenzene (cumene)	NA	0.029 U	**1.2 J**	0.0056 U	**20 J**	**0.00060 J**
m,p-xylene (sum of isomers)	0.26	**0.0062 J**	**5.7 J**	0.0056 U	**53 J**	0.0055 U
methyl ethyl ketone (2-butanone)	0.12	0.12 U	19 UJ	**0.0034 J**	78 U	0.022 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.12 U	19 UJ	0.022 U	78 U	0.022 U
methylene chloride	0.05	0.029 U	4.8 U	0.0056 U	20 U	0.0055 U
naphthalene	12	**0.013 J**	**15 J**	0.0056 U	**57 J**	0.0055 U
n-butylbenzene	12	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
n-propylbenzene	3.9	**0.0030 J**	**2.7 J**	0.0056 U	**25 J**	0.0055 U
o-xylene (1,2-dimethylbenzene)	0.26	**0.0047 J**	**0.67 J**	0.0056 U	20 U	0.0055 U
p-cymene (p-isopropyltoluene)	NA	0.035 U	**6.3 J**	0.0067 U	**23 J**	0.0066 U

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB13-2 (21.5') 25-June-2007	AOC9-SB14-1 (16.5') 25-June-2007	AOC9-SB14-2 (22.5') 25-June-2007	AOC9-SB15-1 (18.5') 25-June-2007	AOC9-SB15-2 (22.5') 25-June-2007
sec-butylbenzene	11	0.029 U	**2.3 J**	0.0056 U	**15 J**	0.0055 U
styrene	NA	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
t-butylbenzene	5.9	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
tetrachloroethene(pce)	1.3	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
toluene	0.7	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
trans-1,2-dichloroethene	0.19	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
trichloroethylene (tce)	0.47	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
vinyl chloride	0.02	0.029 U	4.8 UJ	0.0056 U	20 U	0.0055 U
xylenes, total	0.26	**0.011 J**	**6.3 J**	0.0056 U	**53 J**	0.0055 U
Total VOCs		**0.33**	**200**	**0.09**	**770**	**0.21**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB16-1 (15.5') 26-June-2007	AOC9-SB16-2 (20.5') 26-June-2007	AOC9-SB17-1 (11.5') 26-June-2007	AOC9-SB17-2 (12.0') 26-June-2007	AOC9-SB18-1 (8.5') 26-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
1,2,3-trichlorobenzene	NA	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
1,2,3-trichloropropane	NA	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
1,2,4-trichlorobenzene	NA	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
1,2,4-trimethylbenzene	3.6	**0.26 J**	**0.0032 J**	**4.1 J**	0.0067 U	**18 J**
1,2-dibromo-3-chloropropane	NA	0.012 U	0.011 UJ	1.1 U	0.011 U	4.9 U
1,2-dichlorobenzene	1.1	**0.0035 J**	**0.0016 J**	**0.19 J**	0.0056 U	2.4 U
1,3,5-trimethylbenzene (mesitylene)	8.4	**0.23**	**0.0014 J**	**0.81 J**	0.0056 U	**45 J**
1,3-dichlorobenzene	2.4	**0.0070**	**0.0012 J**	0.66 U	0.0067 U	2.9 U
1,4-dichlorobenzene	1.8	**0.061 J**	**0.034 J**	**0.55 J**	**0.00090 J**	**0.61 J**
2-chlorotoluene	NA	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
4-chlorotoluene	NA	**0.0019 J**	0.0056 UJ	0.55 U	0.0056 U	2.4 U
acetone	0.05	0.058 U	0.056 U	5.5 U	0.056 U	24 U
benzene	0.06	0.0029 U	**0.0013 J**	0.27 U	0.0028 U	1.2 U
bromomethane	NA	0.012 U	0.011 U	1.1 U	0.011 U	4.9 U
chlorobenzene	1.1	**0.18 J**	**0.026 J**	0.27 U	**0.00070 J**	**3.6 J**
cis-1,2-dichloroethylene	0.25	0.0058 U	0.0056 U	0.55 U	0.0056 U	2.4 U
ethylbenzene	1	**0.017**	**0.00070 J**	0.55 U	0.0056 U	2.4 U
hexachlorobutadiene	NA	0.0035 U	0.0034 UJ	0.33 U	0.0034 U	1.5 U
isopropylbenzene (cumene)	NA	**0.024**	0.0056 UJ	**0.55 J**	0.0056 U	2.4 U
m,p-xylene (sum of isomers)	0.26	**0.087 J**	**0.0022 J**	0.55 U	0.0056 U	2.4 U
methyl ethyl ketone (2-butanone)	0.12	**0.010 J**	0.023 U	2.2 U	0.022 U	9.7 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.023 U	0.023 U	2.2 U	0.022 U	9.7 U
methylene chloride	0.05	0.0058 U	0.0056 U	0.55 U	0.0056 U	2.4 U
naphthalene	12	**0.14**	0.0056 U	0.55 U	0.0056 U	2.4 U
n-butylbenzene	12	**0.011**	0.0056 UJ	0.55 U	0.0056 U	2.4 U
n-propylbenzene	3.9	**0.017**	**0.00080 J**	**0.75 J**	0.0056 U	**5.6 J**
o-xylene (1,2-dimethylbenzene)	0.26	**0.051 J**	**0.00080 J**	0.55 U	0.0056 U	2.4 U
p-cymene (p-isopropyltoluene)	NA	**0.021**	0.0068 UJ	0.66 U	0.0067 U	**7.8 J**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB16-1 (15.5') 26-June-2007	AOC9-SB16-2 (20.5') 26-June-2007	AOC9-SB17-1 (11.5') 26-June-2007	AOC9-SB17-2 (12.0') 26-June-2007	AOC9-SB18-1 (8.5') 26-June-2007
sec-butylbenzene	11	**0.013**	0.0056 UJ	**2.0 J**	0.0056 U	**6.3 J**
styrene	NA	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
t-butylbenzene	5.9	**0.0074**	0.0056 UJ	0.55 U	0.0056 U	2.4 U
tetrachloroethene(pce)	1.3	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
toluene	0.7	0.0058 U	0.0056 U	0.55 U	**0.0010 J**	2.4 U
trans-1,2-dichloroethene	0.19	0.0058 U	0.0056 U	0.55 U	0.0056 U	2.4 U
trichloroethylene (tce)	0.47	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
vinyl chloride	0.02	0.0058 U	0.0056 UJ	0.55 U	0.0056 U	2.4 U
xylenes, total	0.26	**0.14 J**	**0.0030 J**	1.1 U	0.0056 U	4.9 U
Total VOCs		**1.1**	**0.073**	**8.9**	**0.0026**	**87**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB18-1/D (8.5') 26-June-2007	AOC9-SB18-2 (12.5') 26-June-2007	AOC9-SB19-1 (10.5') 26-June-2007	AOC9-SB19-2 (11.5') 26-June-2007	AOC9-SB20-1 (11.5') 26-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
1,2,3-trichlorobenzene	NA	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
1,2,3-trichloropropane	NA	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
1,2,4-trichlorobenzene	NA	2.4 U	0.0062 U	0.59 U	0.0065 U	**0.0021 J**
1,2,4-trimethylbenzene	3.6	**25 J**	**0.0017 J**	**5.2**	0.0078 U	**0.0089**
1,2-dibromo-3-chloropropane	NA	4.7 U	0.013 U	1.2 U	0.013 U	0.012 UJ
1,2-dichlorobenzene	1.1	2.4 U	**0.040**	**0.22 J**	**0.0088**	**0.0032 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	**54 J**	0.0062 U	**1.0**	0.0065 U	**0.0034 J**
1,3-dichlorobenzene	2.4	2.9 U	**0.0023 J**	**0.12 J**	**0.0036 J**	**0.0011 J**
1,4-dichlorobenzene	1.8	**2.1 J**	**0.042**	**2.8**	**0.066**	**0.015**
2-chlorotoluene	NA	2.4 U	0.0062 U	0.59 U	**0.0013 J**	**0.0021 J**
4-chlorotoluene	NA	2.4 U	0.0062 U	0.59 U	0.0065 U	**0.0010 J**
acetone	0.05	24 U	0.062 U	5.9 U	0.065 U	0.058 U
benzene	0.06	1.2 U	**0.0064**	0.29 U	0.0032 U	0.0029 U
bromomethane	NA	4.7 U	0.013 U	1.2 U	0.013 U	0.012 U
chlorobenzene	1.1	**6.5 J**	**0.23**	**0.84**	**0.11**	**0.11**
cis-1,2-dichloroethylene	0.25	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
ethylbenzene	1	2.4 U	0.0062 U	**0.14 J**	0.0065 U	**0.0015 J**
hexachlorobutadiene	NA	1.4 U	0.0037 U	0.35 U	0.0039 U	**0.00070 J**
isopropylbenzene (cumene)	NA	**0.88 J**	**0.00090 J**	**0.49 J**	0.0065 U	**0.00070 J**
m,p-xylene (sum of isomers)	0.26	2.4 U	0.0062 U	**0.32 J**	0.0065 U	**0.0056 J**
methyl ethyl ketone (2-butanone)	0.12	9.5 U	0.025 U	2.4 U	0.026 U	**0.0048 J**
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	9.5 U	0.025 U	2.4 U	0.026 U	0.023 UJ
methylene chloride	0.05	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 UJ
naphthalene	12	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
n-butylbenzene	12	2.4 U	0.0062 U	0.59 U	**0.00090 J**	**0.0015 J**
n-propylbenzene	3.9	**6.5 J**	**0.00060 J**	**0.77**	0.0065 U	**0.0017 J**
o-xylene (1,2-dimethylbenzene)	0.26	2.4 U	0.0062 U	**0.61**	**0.0090**	**0.0030 J**
p-cymene (p-isopropyltoluene)	NA	**13 J**	0.0075 U	**0.14 J**	0.0078 U	0.0069 U

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Table 3-2 Additional AOC 9 Predesign Investigation, Summary of Positive Results for Soil Samples, Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-SB18-1/D (8.5') 26-June-2007	AOC9-SB18-2 (12.5') 26-June-2007	AOC9-SB19-1 (10.5') 26-June-2007	AOC9-SB19-2 (11.5') 26-June-2007	AOC9-SB20-1 (11.5') 26-June-2007
sec-butylbenzene	11	**9.5 J**	0.0062 U	**0.27 J**	**0.0010 J**	**0.0013 J**
styrene	NA	2.4 U	0.0062 U	0.59 U	0.0065 U	**0.0030 J**
t-butylbenzene	5.9	2.4 U	0.0062 U	0.59 U	0.0065 U	**0.00060 J**
tetrachloroethene(pce)	1.3	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
toluene	0.7	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
trans-1,2-dichloroethene	0.19	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
trichloroethylene (tce)	0.47	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
vinyl chloride	0.02	2.4 U	0.0062 U	0.59 U	0.0065 U	0.0058 U
xylenes, total	0.26	4.7 U	0.0062 U	**0.93 J**	**0.0090**	**0.0086**
Total VOCs		**120**	**0.32**	**13**	**0.2**	**0.17**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB20-2 (12.5') 26-June-2007	AOC9-SB21-1 (11.5') 26-June-2007	AOC9-SB21-2 (15.5') 26-June-2007	AOC9-SB22-1 (12.5') 26-June-2007	AOC9-SB22-2 (15.5') 26-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
1,2,3-trichlorobenzene	NA	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
1,2,3-trichloropropane	NA	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
1,2,4-trichlorobenzene	NA	**0.00070 J**	4.6 U	0.0062 UJ	4.6 U	0.0060 U
1,2,4-trimethylbenzene	3.6	**0.0031 J**	**100 J**	**0.0026 J**	**57 J**	**0.00070 J**
1,2-dibromo-3-chloropropane	NA	0.012 UJ	9.1 U	0.012 UJ	9.3 U	0.012 U
1,2-dichlorobenzene	1.1	**0.0036 J**	**3.2 J**	**0.015 J**	**1.9 J**	**0.0010 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	**0.0014 J**	**47 J**	**0.00070 J**	**32 J**	0.0060 U
1,3-dichlorobenzene	2.4	**0.0010 J**	**0.96 J**	**0.0043 J**	**3.4 J**	0.0072 U
1,4-dichlorobenzene	1.8	**0.014 J**	**34 J**	**0.065 J**	**58 J**	**0.0090**
2-chlorotoluene	NA	**0.0017 J**	4.6 U	0.0062 UJ	4.6 U	0.0060 U
4-chlorotoluene	NA	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
acetone	0.05	0.058 U	46 U	0.062 U	46 U	0.060 U
benzene	0.06	0.0029 UJ	2.3 U	**0.00070 J**	2.3 U	0.0030 U
bromomethane	NA	0.012 U	9.1 U	0.012 U	9.3 U	0.012 U
chlorobenzene	1.1	**0.15 J**	**300 J**	**0.16 J**	**80 J**	**0.071**
cis-1,2-dichloroethylene	0.25	0.0058 UJ	4.6 U	0.0062 U	4.6 U	0.0060 U
ethylbenzene	1	**0.00060 J**	**0.96 J**	0.0062 U	**0.51 J**	0.0060 U
hexachlorobutadiene	NA	0.0034 UJ	2.7 U	0.0037 UJ	2.8 U	0.0036 U
isopropylbenzene (cumene)	NA	0.0058 UJ	**3.9 J**	**0.0017 J**	**3.3 J**	0.0060 U
m,p-xylene (sum of isomers)	0.26	**0.0020 J**	**7.4 J**	**0.0011 J**	**3.6 J**	**0.00080 J**
methyl ethyl ketone (2-butanone)	0.12	0.023 UJ	18 U	0.025 U	19 U	0.024 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.023 UJ	18 U	0.025 U	19 U	0.024 U
methylene chloride	0.05	0.0058 U	4.6 U	0.0062 U	4.6 U	0.0060 U
naphthalene	12	0.0058 U	**17 J**	**0.021 J**	**10 J**	0.0060 U
n-butylbenzene	12	**0.00090 J**	4.6 U	**0.0011 J**	4.6 U	0.0060 U
n-propylbenzene	3.9	**0.00070 J**	**8.4 J**	0.0062 UJ	**3.1 J**	0.0060 U
o-xylene (1,2-dimethylbenzene)	0.26	**0.0015 J**	**7.2 J**	**0.057 J**	**1.2 J**	**0.0013 J**
p-cymene (p-isopropyltoluene)	NA	0.0069 UJ	**6.5 J**	0.0074 UJ	**4.1 J**	0.0072 U

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB20-2 (12.5') 26-June-2007	AOC9-SB21-1 (11.5') 26-June-2007	AOC9-SB21-2 (15.5') 26-June-2007	AOC9-SB22-1 (12.5') 26-June-2007	AOC9-SB22-2 (15.5') 26-June-2007
sec-butylbenzene	11	**0.00080 J**	**3.8 J**	**0.0012 J**	**3.1 J**	**0.00070 J**
styrene	NA	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
t-butylbenzene	5.9	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
tetrachloroethene(pce)	1.3	0.0058 U	4.6 U	0.0062 UJ	4.6 U	0.0060 U
toluene	0.7	**0.0011 J**	4.6 U	**0.0012 J**	4.6 U	**0.00080 J**
trans-1,2-dichloroethene	0.19	0.0058 UJ	4.6 U	0.0062 U	4.6 U	0.0060 U
trichloroethylene (tce)	0.47	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
vinyl chloride	0.02	0.0058 UJ	4.6 U	0.0062 UJ	4.6 U	0.0060 U
xylenes, total	0.26	**0.0035 J**	**15 J**	**0.058 J**	**4.8 J**	**0.0021 J**
Total VOCs		**0.18**	**540**	**0.33**	**260**	**0.085**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB23-1 (13.5') 27-June-2007	AOC9-SB23-2 (15.5') 27-June-2007	AOC9-SB24-1 (12.5') 27-June-2007	AOC9-SB24-1/D (12.5') 27-June-2007	AOC9-SB24-2 (15.5') 27-June-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
1,2,3-trichlorobenzene	NA	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
1,2,3-trichloropropane	NA	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
1,2,4-trichlorobenzene	NA	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
1,2,4-trimethylbenzene	3.6	**64 J**	**0.0052 J**	**18**	**7.5 J**	**0.0034 J**
1,2-dibromo-3-chloropropane	NA	9.7 U	0.013 UJ	9.3 U	9.3 U	0.012 UJ
1,2-dichlorobenzene	1.1	**0.68 J**	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
1,3,5-trimethylbenzene (mesitylene)	8.4	**23 J**	**0.0021 J**	**10 J**	**3.9 J**	**0.0016 J**
1,3-dichlorobenzene	2.4	5.8 U	0.0076 UJ	5.6 U	5.6 U	0.0071 UJ
1,4-dichlorobenzene	1.8	**2.4 J**	**0.0078 J**	2.3 U	2.3 U	**0.0010 J**
2-chlorotoluene	NA	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
4-chlorotoluene	NA	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
acetone	0.05	48 U	0.064 U	46 U	46 U	0.059 U
benzene	0.06	2.4 U	**0.0011 J**	2.3 U	2.3 U	0.0030 UJ
bromomethane	NA	9.7 U	0.013 UJ	9.3 U	9.3 U	0.012 UJ
chlorobenzene	1.1	**23 J**	**0.018 J**	2.3 U	2.3 U	**0.0033 J**
cis-1,2-dichloroethylene	0.25	4.8 U	**0.0017 J**	4.6 U	4.6 U	0.0059 UJ
ethylbenzene	1	4.8 U	**0.00080 J**	4.6 U	4.6 U	**0.00070 J**
hexachlorobutadiene	NA	2.9 U	0.0038 UJ	2.8 U	2.8 U	0.0035 UJ
isopropylbenzene (cumene)	NA	**3.5 J**	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
m,p-xylene (sum of isomers)	0.26	**0.92 J**	**0.0029 J**	4.6 U	4.6 U	**0.0022 J**
methyl ethyl ketone (2-butanone)	0.12	19 U	0.025 UJ	19 U	19 U	0.024 UJ
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	19 U	0.025 UJ	19 U	19 U	0.024 UJ
methylene chloride	0.05	4.8 U	0.0064 U	4.6 U	4.6 U	0.0059 U
naphthalene	12	**1.3 J**	0.0064 U	4.6 U	4.6 U	0.0059 U
n-butylbenzene	12	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
n-propylbenzene	3.9	**7.8 J**	**0.0010 J**	**1.5 J**	**1.3 J**	**0.00080 J**
o-xylene (1,2-dimethylbenzene)	0.26	4.8 U	**0.0013 J**	4.6 U	4.6 U	**0.00080 J**
p-cymene (p-isopropyltoluene)	NA	**11 J**	0.0076 UJ	**3.8 J**	**2.0 J**	0.0071 UJ

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB23-1 (13.5') 27-June-2007	AOC9-SB23-2 (15.5') 27-June-2007	AOC9-SB24-1 (12.5') 27-June-2007	AOC9-SB24-1/D (12.5') 27-June-2007	AOC9-SB24-2 (15.5') 27-June-2007
sec-butylbenzene	11	**10 J**	**0.0015 J**	**4.1 J**	**4.5 J**	0.0059 UJ
styrene	NA	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
t-butylbenzene	5.9	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
tetrachloroethene(pce)	1.3	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
toluene	0.7	4.8 U	**0.0014 J**	4.6 U	4.6 U	**0.0011 J**
trans-1,2-dichloroethene	0.19	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
trichloroethylene (tce)	0.47	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
vinyl chloride	0.02	4.8 U	0.0064 UJ	4.6 U	4.6 U	0.0059 UJ
xylenes, total	0.26	**0.92 J**	**0.0042 J**	9.3 U	9.3 U	**0.0030 J**
Total VOCs		**150**	**0.045**	**37**	**19**	**0.015**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB25-1 (11.5') 27-June-2007	AOC9-SB25-2 (16.5') 27-June-2007	AOC9-SB26-01 (8.0') 26-Sep-2007	AOC9-SB26-02 (16.5') 26-Sep-2007	AOC9-SB26-03 (21.5') 26-Sep-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
1,2,3-trichlorobenzene	NA	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
1,2,3-trichloropropane	NA	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
1,2,4-trichlorobenzene	NA	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
1,2,4-trimethylbenzene	3.6	**27**	**0.072 J**	0.0076 U	**0.0382 J**	**0.0012 J**
1,2-dibromo-3-chloropropane	NA	9.2 U	0.013 UJ	0.0127 U	0.0107 U	0.0111 U
1,2-dichlorobenzene	1.1	**1.4 J**	**0.0091 J**	**0.004 J**	**0.0018 J**	**0.0044 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	**16**	**0.014 J**	0.0064 U	**0.0129 J**	0.0056 U
1,3-dichlorobenzene	2.4	**0.74 J**	**0.0027 J**	0.0076 U	**0.0018 J**	**0.0017 J**
1,4-dichlorobenzene	1.8	**19**	**0.056 J**	**0.0025 J**	**0.0405**	**0.0497**
2-chlorotoluene	NA	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
4-chlorotoluene	NA	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
acetone	0.05	46 U	0.064 UJ	0.0636 U	0.0537 U	0.0556 U
benzene	0.06	2.3 U	0.0032 UJ	0.0032 U	0.0055 U	0.0028 U
bromomethane	NA	9.2 U	0.013 UJ	0.0127 U	0.0107 U	0.0111 U
chlorobenzene	1.1	**34**	**0.18 J**	**0.0026 J**	**0.2 J**	**0.156**
cis-1,2-dichloroethylene	0.25	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
ethylbenzene	1	4.6 U	**0.0016 J**	0.0064 U	0.0054 U	0.0056 U
hexachlorobutadiene	NA	2.8 U	0.0038 UJ	0.0038 U	0.0032 U	0.0033 U
isopropylbenzene (cumene)	NA	**0.64 J**	**0.0039 J**	0.0064 U	0.0054 U	0.0056 U
m,p-xylene (sum of isomers)	0.26	**1.3 J**	**0.0032 J**	0.0064 U	0.0110 U	0.0056 U
methyl ethyl ketone (2-butanone)	0.12	18 U	0.025 UJ	0.0255 U	0.0215 U	0.0222 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	18 U	0.025 UJ	0.0255 U	0.0215 U	0.0222 U
methylene chloride	0.05	4.6 U	0.0064 UJ	0.0064 U	0.0110 U	**0.001 J**
naphthalene	12	4.6 U	0.0064 UJ	0.0064 U	**0.0241 J**	0.0056 U
n-butylbenzene	12	4.6 U	**0.0013 J**	0.0064 U	0.0054 U	0.0056 U
n-propylbenzene	3.9	**1.6 J**	**0.0066 J**	0.0064 U	0.0054 U	0.0056 U
o-xylene (1,2-dimethylbenzene)	0.26	**1.7 J**	**0.0039 J**	0.0064 U	0.0110 U	0.0056 U
p-cymene (p-isopropyltoluene)	NA	**1.8 J**	0.0076 UJ	0.0076 U	0.0132 UJ	0.0067 U

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB25-1 (11.5') 27-June-2007	AOC9-SB25-2 (16.5') 27-June-2007	AOC9-SB26-01 (8.0') 26-Sep-2007	AOC9-SB26-02 (16.5') 26-Sep-2007	AOC9-SB26-03 (21.5') 26-Sep-2007
sec-butylbenzene	11	**1.9 J**	**0.0011 J**	0.0064 U	0.0054 U	0.0056 U
styrene	NA	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
t-butylbenzene	5.9	4.6 U	0.0064 UJ	0.0064 U	0.0110 UJ	0.0056 U
tetrachloroethene(pce)	1.3	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
toluene	0.7	4.6 U	**0.0016 J**	**0.0007 J**	0.0054 U	0.0056 U
trans-1,2-dichloroethene	0.19	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
trichloroethylene (tce)	0.47	4.6 U	0.0064 UJ	0.0064 U	0.0110 U	0.0056 U
vinyl chloride	0.02	4.6 U	0.0064 UJ	0.0064 U	0.0054 U	0.0056 U
xylenes, total	0.26	**3.0 J**	**0.0071 J**	0.0064 U	0.0110 U	**0.0012 J**
Total VOCs		**110**	**0.36**	**0.0098**	**0.32**	**0.21**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB27-01 (10.5') 26-Sep-2007	AOC9-SB27-02 (11.5') 26-Sep-2007	AOC9-SB27-03 (18.0') 26-Sep-2007	AOC9-SB28-01 (7.0') 26-Sep-2007	AOC9-SB28-02 (18.0') 26-Sep-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
1,2,3-trichlorobenzene	NA	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
1,2,3-trichloropropane	NA	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
1,2,4-trichlorobenzene	NA	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
1,2,4-trimethylbenzene	3.6	**0.0007 J**	**0.0107**	**394 J**	**0.0013 J**	**0.0742 J**
1,2-dibromo-3-chloropropane	NA	0.0136 U	0.0120 U	1.2600 U	0.0104 U	0.0111 U
1,2-dichlorobenzene	1.1	0.0068 U	**0.0021 J**	0.6310 U	**0.0023 J**	**0.0038 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	0.0068 U	**0.001 J**	**164 J**	0.0052 U	**0.0198 J**
1,3-dichlorobenzene	2.4	0.0081 U	0.0072 U	24.2000 U	0.0062 U	**0.0014 J**
1,4-dichlorobenzene	1.8	0.0034 U	**0.0188**	**12.9 J**	**0.0009 J**	**0.0415 J**
2-chlorotoluene	NA	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
4-chlorotoluene	NA	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
acetone	0.05	0.0678 U	**0.0228 J**	6.3100 U	**0.0931**	**0.0252 J**
benzene	0.06	0.0034 U	0.0030 U	0.3160 U	0.0026 U	0.0028 U
bromomethane	NA	0.0136 U	0.0120 U	1.2600 U	0.0104 U	0.0111 U
chlorobenzene	1.1	**0.0016 J**	**0.0429**	**106 J**	**0.0452 J**	**0.312 J**
cis-1,2-dichloroethylene	0.25	0.0068 U	0.0060 U	0.6310 U	**0.0015 J**	0.0296 U
ethylbenzene	1	**0.0009 J**	0.0060 U	**5.52 J**	0.0052 U	**0.0061 J**
hexachlorobutadiene	NA	0.0041 U	0.0036 U	0.3790 U	0.0031 U	0.0033 U
isopropylbenzene (cumene)	NA	0.0068 U	**0.0011 J**	**17.7 J**	0.0052 U	**0.0049 J**
m,p-xylene (sum of isomers)	0.26	0.0068 U	**0.0013 J**	**40.3 J**	0.0052 U	**0.0296 J**
methyl ethyl ketone (2-butanone)	0.12	0.0271 U	**0.0029 J**	2.5300 U	**0.0213**	0.1180 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.0271 U	0.0240 U	2.5300 U	0.0208 U	0.0222 U
methylene chloride	0.05	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
naphthalene	12	0.0068 U	**0.0082**	**28.4 J**	0.0052 U	**0.0549 J**
n-butylbenzene	12	0.0068 U	**0.0034 J**	**16.4 J**	0.0052 U	**0.0086 J**
n-propylbenzene	3.9	**0.001 J**	**0.0016 J**	**19.4 J**	0.0052 U	**0.0048 J**
o-xylene (1,2-dimethylbenzene)	0.26	0.0068 U	0.0060 U	20.2000 U	0.0052 U	0.0056 U
p-cymene (p-isopropyltoluene)	NA	0.0081 U	0.0072 U	**21.5 J**	0.0062 U	**0.005 J**

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Table 3-2 Additional AOC 9 Predesign Investigation, Summary of Positive Results for Soil Samples, Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-SB27-01 (10.5') 26-Sep-2007	AOC9-SB27-02 (11.5') 26-Sep-2007	AOC9-SB27-03 (18.0') 26-Sep-2007	AOC9-SB28-01 (7.0') 26-Sep-2007	AOC9-SB28-02 (18.0') 26-Sep-2007
sec-butylbenzene	11	0.0068 U	**0.0031 J**	**16.6 J**	**0.0015 J**	**0.005 J**
styrene	NA	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
t-butylbenzene	5.9	0.0068 U	**0.0013 J**	**4.07 J**	0.0052 U	0.0056 U
tetrachloroethene(pce)	1.3	**0.0007 J**	0.0060 U	0.6310 U	0.0052 U	0.0056 U
toluene	0.7	0.0068 U	**0.0008 J**	0.6310 U	**0.001 J**	0.0056 U
trans-1,2-dichloroethene	0.19	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
trichloroethylene (tce)	0.47	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
vinyl chloride	0.02	0.0068 U	0.0060 U	0.6310 U	0.0052 U	0.0056 U
xylenes, total	0.26	**0.0008 J**	**0.0013 J**	**40.8 J**	0.0052 U	**0.0296 J**
Total VOCs		**0.0049**	**0.12**	**850**	**0.17**	**0.6**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB28-03 (22.0') 26-Sep-2007	AOC9-SB29-01 (4.15') 26-Sep-2007	AOC9-SB29-02 (18.0') 26-Sep-2007	AOC9-SB29-03 (20.5') 26-Sep-2007	AOC9-SB30-01 (8.15') 26-Sep-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
1,2,3-trichlorobenzene	NA	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
1,2,3-trichloropropane	NA	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
1,2,4-trichlorobenzene	NA	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
1,2,4-trimethylbenzene	3.6	**0.132**	0.0062 U	**41.9 J**	**0.0647**	**0.0006 J**
1,2-dibromo-3-chloropropane	NA	0.0110 U	0.0104 U	10.4000 U	0.0299 U	0.0102 U
1,2-dichlorobenzene	1.1	**0.0098**	0.0052 U	**1.5 J**	**0.0967**	**0.0047 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	**0.0399**	0.0052 U	**17.7 J**	**0.0145 J**	0.0051 U
1,3-dichlorobenzene	2.4	**0.0032 J**	0.0062 U	6.2200 U	**0.0022 J**	**0.0025 J**
1,4-dichlorobenzene	1.8	**0.0418**	0.0026 U	**3.37 J**	**0.0551**	**0.0528**
2-chlorotoluene	NA	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
4-chlorotoluene	NA	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
acetone	0.05	**0.0154 J**	**0.0059 J**	51.9000 UJ	**0.0265 J**	0.0509 U
benzene	0.06	0.0028 U	0.0026 U	2.5900 U	0.0075 U	0.0026 U
bromomethane	NA	0.0110 U	0.0104 U	10.4000 U	0.0299 U	0.0102 U
chlorobenzene	1.1	**0.0129**	**0.001 J**	**2.28 J**	**0.278 J**	**0.0038**
cis-1,2-dichloroethylene	0.25	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
ethylbenzene	1	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
hexachlorobutadiene	NA	0.0033 U	0.0031 U	3.1100 U	0.0090 U	0.0031 U
isopropylbenzene (cumene)	NA	**0.0054 J**	0.0052 U	**1.81 J**	**0.0022 J**	0.0051 U
m,p-xylene (sum of isomers)	0.26	**0.0035 J**	0.0052 U	**1.04 J**	**0.0016 J**	0.0051 U
methyl ethyl ketone (2-butanone)	0.12	**0.0021 J**	0.0208 U	20.7000 U	0.0597 U	0.0204 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.0221 U	0.0208 U	20.7000 U	0.0597 U	0.0204 U
methylene chloride	0.05	0.0055 U	0.0052 U	5.1900 U	0.0149 U	**0.001 J**
naphthalene	12	**0.0254**	0.0052 U	**4.25 J**	**0.024**	0.0051 U
n-butylbenzene	12	**0.0112 J**	0.0052 U	**15.2 J**	**0.0142 J**	0.0051 U
n-propylbenzene	3.9	**0.0102**	0.0052 U	**4.1 J**	**0.0054 J**	0.0051 U
o-xylene (1,2-dimethylbenzene)	0.26	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
p-cymene (p-isopropyltoluene)	NA	**0.0067 J**	0.0062 U	**6.07 J**	**0.0048 J**	0.0061 U

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB28-03 (22.0') 26-Sep-2007	AOC9-SB29-01 (4.15') 26-Sep-2007	AOC9-SB29-02 (18.0') 26-Sep-2007	AOC9-SB29-03 (20.5') 26-Sep-2007	AOC9-SB30-01 (8.15') 26-Sep-2007
sec-butylbenzene	11	**0.0044 J**	0.0052 U	**5.03 J**	**0.0056 J**	**0.001 J**
styrene	NA	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
t-butylbenzene	5.9	0.0055 U	0.0052 U	5.1900 UJ	0.0149 U	0.0051 U
tetrachloroethene(pce)	1.3	0.0055 U	0.0052 U	5.1900 U	**0.0019 J**	0.0051 U
toluene	0.7	0.0055 U	**0.0008 J**	5.1900 U	0.0149 U	0.0051 U
trans-1,2-dichloroethene	0.19	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
trichloroethylene (tce)	0.47	**0.0007 J**	0.0052 U	5.1900 U	0.0149 U	**0.0009 J**
vinyl chloride	0.02	0.0055 U	0.0052 U	5.1900 U	0.0149 U	0.0051 U
xylenes, total	0.26	**0.0035 J**	0.0052 U	**1.04 J**	**0.0016 J**	0.0051 U
Total VOCs		**0.32**	**0.0077**	**100**	**0.6**	**0.067**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB30-02 (19.5') 26-Sep-2007	AOC9-SB30-03 (21.5') 26-Sep-2007	AOC9-SB31-01 (6.5') 27-Sep-2007	AOC9-SB31-02 (16.5') 27-Sep-2007	AOC9-SB31-03 (22.5') 27-Sep-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.6420 U	0.0059 U	0.0278 U	5.1900 U	0.0119 U
1,2,3-trichlorobenzene	NA	0.6420 U	0.0059 U	0.0278 UJ	5.1900 U	0.0119 U
1,2,3-trichloropropane	NA	0.6420 U	0.0059 U	0.0278 UJ	5.1900 U	0.0119 U
1,2,4-trichlorobenzene	NA	0.6420 U	0.0059 U	0.0278 UJ	5.1900 U	0.0119 U
1,2,4-trimethylbenzene	3.6	**7.92 J**	**0.0006 J**	0.0334 UJ	**318 J**	0.0143 U
1,2-dibromo-3-chloropropane	NA	1.2800 U	0.0117 U	0.0556 UJ	10.4000 U	0.0238 U
1,2-dichlorobenzene	1.1	0.6420 U	**0.0019 J**	**0.0037 J**	**6.8 J**	**0.16**
1,3,5-trimethylbenzene (mesitylene)	8.4	**3.34 J**	0.0059 U	0.0278 UJ	**174 J**	0.0119 U
1,3-dichlorobenzene	2.4	6.1600 U	**0.0012 J**	0.0334 UJ	6.2300 U	**0.0022 J**
1,4-dichlorobenzene	1.8	2.5700 U	**0.0325**	0.0139 UJ	**53.3 J**	**0.0381**
2-chlorotoluene	NA	0.6420 U	0.0059 U	0.0278 UJ	5.1900 U	0.0119 U
4-chlorotoluene	NA	0.6420 U	0.0059 U	0.0278 UJ	5.1900 UJ	0.0119 U
acetone	0.05	51.3000 U	0.0586 U	**0.0648 J**	51.9000 UJ	0.1190 U
benzene	0.06	0.3210 U	0.0029 U	0.0139 U	2.6000 U	0.0060 U
bromomethane	NA	1.2800 U	0.0117 U	0.0556 U	10.4000 U	0.0238 U
chlorobenzene	1.1	**1.33 J**	**0.13**	**0.013 J**	**15.6 J**	**0.0331**
cis-1,2-dichloroethylene	0.25	0.6420 U	0.0059 U	**0.0037 J**	5.1900 U	0.0119 U
ethylbenzene	1	5.1300 U	0.0059 U	**0.0037 J**	**6.96 J**	0.0119 U
hexachlorobutadiene	NA	0.3850 U	0.0035 U	0.0167 UJ	3.1200 U	0.0072 U
isopropylbenzene (cumene)	NA	5.1300 U	0.0059 U	0.0278 UJ	**26.6 J**	0.0119 U
m,p-xylene (sum of isomers)	0.26	5.1300 U	**0.0008 J**	0.0278 U	**29.6 J**	0.0119 U
methyl ethyl ketone (2-butanone)	0.12	2.5700 U	0.0234 U	0.1110 U	20.8000 U	0.0477 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	2.5700 U	0.0234 U	0.1110 U	20.8000 U	0.0477 U
methylene chloride	0.05	0.6420 U	0.0059 U	0.0278 U	5.1900 U	0.0119 U
naphthalene	12	**1.54 J**	0.0059 U	0.0278 UJ	**55.5 J**	0.0119 U
n-butylbenzene	12	5.1300 U	0.0059 U	0.0278 UJ	**26.3 J**	**0.0056 J**
n-propylbenzene	3.9	5.1300 U	0.0059 U	0.0278 UJ	**29.4 J**	**0.0016 J**
o-xylene (1,2-dimethylbenzene)	0.26	5.1300 U	0.0059 U	0.0278 U	**15.7 J**	0.0119 U
p-cymene (p-isopropyltoluene)	NA	6.1600 U	0.0070 U	0.0334 UJ	**32.6 J**	0.0143 U

Table 3-2 Additional AOC 9 Predesign Investigation, Summary of Positive Results for Soil Samples, Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-SB30-02 (19.5') 26-Sep-2007	AOC9-SB30-03 (21.5') 26-Sep-2007	AOC9-SB31-01 (6.5') 27-Sep-2007	AOC9-SB31-02 (16.5') 27-Sep-2007	AOC9-SB31-03 (22.5') 27-Sep-2007
sec-butylbenzene	11	5.1300 U	0.0059 U	0.0278 UJ	**20.9 J**	**0.0022 J**
styrene	NA	0.6420 U	0.0059 U	0.0278 UJ	5.1900 U	0.0119 U
t-butylbenzene	5.9	5.1300 U	0.0059 U	0.0278 UJ	10.4000 UJ	0.0119 U
tetrachloroethene(pce)	1.3	0.6420 U	0.0059 U	0.0278 U	5.1900 U	0.0119 U
toluene	0.7	0.6420 U	0.0059 U	0.0278 U	5.1900 U	0.0119 U
trans-1,2-dichloroethene	0.19	0.6420 U	0.0059 U	0.0278 U	5.1900 U	0.0119 U
trichloroethylene (tce)	0.47	0.6420 U	0.0059 U	0.0278 U	5.1900 U	0.0119 U
vinyl chloride	0.02	0.6420 U	0.0059 U	0.0278 U	5.1900 U	0.0119 U
xylenes, total	0.26	10.3000 U	**0.0008 J**	0.0278 U	**45.3 J**	0.0119 U
Total VOCs		**14**	**0.17**	**0.089**	**810**	**0.24**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB32-01 (12.45') 27-Sep-2007	AOC9-SB32-02 (17.5') 27-Sep-2007	AOC9-SB32-03 (21.3') 27-Sep-2007	AOC9-SB33-01 (12.5') 25-Sep-2007	AOC9-SB34-01 (12.5') 25-Sep-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
1,2,3-trichlorobenzene	NA	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
1,2,3-trichloropropane	NA	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
1,2,4-trichlorobenzene	NA	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
1,2,4-trimethylbenzene	3.6	0.0063 U	**19.2**	**0.0017 J**	0.0363 U	**37.3 J**
1,2-dibromo-3-chloropropane	NA	0.0105 U	10.7000 U	0.0110 U	0.0605 U	1.3300 U
1,2-dichlorobenzene	1.1	0.0053 U	**0.642 J**	**0.0913**	**0.0206 J**	**2.49 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	0.0053 U	**14.4**	0.0055 U	0.0302 U	**21.2 J**
1,3-dichlorobenzene	2.4	0.0063 U	6.4200 U	**0.0038 J**	**0.0048 J**	0.8000 U
1,4-dichlorobenzene	1.8	0.0026 U	2.6800 U	**0.0411**	**0.132**	**15.1 J**
2-chlorotoluene	NA	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
4-chlorotoluene	NA	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
acetone	0.05	0.0527 U	53.5000 U	0.0550 U	**0.0487 J**	6.6700 U
benzene	0.06	0.0026 U	2.6800 U	0.0028 U	0.0151 U	0.3330 U
bromomethane	NA	0.0105 U	10.7000 U	0.0110 U	0.0605 U	1.3300 U
chlorobenzene	1.1	**0.0013 J**	2.6800 U	**0.057**	**0.0576**	**21.5 J**
cis-1,2-dichloroethylene	0.25	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
ethylbenzene	1	**0.0008 J**	5.3500 U	**0.0012 J**	0.0302 U	**0.42 J**
hexachlorobutadiene	NA	0.0032 U	3.2100 U	0.0033 U	0.0181 U	0.4000 U
isopropylbenzene (cumene)	NA	0.0053 U	**0.91 J**	**0.0024 J**	0.0302 U	**3.55 J**
m,p-xylene (sum of isomers)	0.26	**0.0008 J**	5.3500 U	**0.0012 J**	0.0302 U	**0.967 J**
methyl ethyl ketone (2-butanone)	0.12	0.0211 U	21.4000 U	0.0220 U	0.1210 U	2.6700 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.0211 U	21.4000 U	0.0220 U	0.1210 U	2.6700 U
methylene chloride	0.05	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
naphthalene	12	0.0053 U	**1.34 J**	0.0055 U	0.0302 U	0.6670 U
n-butylbenzene	12	0.0053 U	**12.8**	**0.0026 J**	0.0302 U	**8.22 J**
n-propylbenzene	3.9	**0.0007 J**	**3.1 J**	**0.0018 J**	0.0302 U	**5.83 J**
o-xylene (1,2-dimethylbenzene)	0.26	0.0053 U	5.3500 U	**0.0012 J**	0.0302 U	**1.37 J**
p-cymene (p-isopropyltoluene)	NA	0.0063 U	**7.28**	0.0066 U	0.0363 U	**11.4 J**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB32-01 (12.45') 27-Sep-2007	AOC9-SB32-02 (17.5') 27-Sep-2007	AOC9-SB32-03 (21.3') 27-Sep-2007	AOC9-SB33-01 (12.5') 25-Sep-2007	AOC9-SB34-01 (12.5') 25-Sep-2007
sec-butylbenzene	11	0.0053 U	**4.92 J**	**0.0015 J**	**0.0064 J**	**8.19 J**
styrene	NA	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
t-butylbenzene	5.9	0.0053 U	5.3500 U	0.0055 U	0.0302 U	**1.87 J**
tetrachloroethene(pce)	1.3	**0.0015 J**	5.3500 U	**0.0006 J**	0.0302 U	0.6670 U
toluene	0.7	0.0053 U	5.3500 U	**0.0006 J**	0.0302 U	5.3400 U
trans-1,2-dichloroethene	0.19	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
trichloroethylene (tce)	0.47	**0.0007 J**	5.3500 U	**0.0006 J**	0.0302 U	0.6670 U
vinyl chloride	0.02	0.0053 U	5.3500 U	0.0055 U	0.0302 U	0.6670 U
xylenes, total	0.26	**0.0008 J**	10.7000 U	**0.0025 J**	0.0302 U	**2.33 J**
Total VOCs		**0.0058**	**64**	**0.21**	**0.27**	**140**

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Table 3-2 Additional AOC 9 Predesign Investigation, Summary of Positive Results for Soil Samples, Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-SB34-02 (15.5') 25-Sep-2007	AOC9-SB35-01 (13.5') 25-Sep-2007	AOC9-SB35-02 (16.4') 25-Sep-2007	AOC9-SB35-02/D (16.4') 25-Sep-2007	AOC9-SB37-01 (21.0') 25-Sep-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0060 U	0.0277 U	0.0053 U	0.0055 U	0.0050 U
1,2,3-trichlorobenzene	NA	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
1,2,3-trichloropropane	NA	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
1,2,4-trichlorobenzene	NA	0.0060 U	0.5810 U	0.0053 U	0.0055 U	0.0050 U
1,2,4-trimethylbenzene	3.6	0.0072 U	**0.475 J**	0.0064 U	0.0066 U	0.0060 U
1,2-dibromo-3-chloropropane	NA	0.0121 U	0.0554 UJ	0.0106 U	0.0110 U	0.0100 U
1,2-dichlorobenzene	1.1	0.0060 U	**1.18 J**	0.0053 U	0.0055 U	0.0050 U
1,3,5-trimethylbenzene (mesitylene)	8.4	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
1,3-dichlorobenzene	2.4	0.0072 U	0.6980 U	0.0064 U	0.0066 U	0.0060 U
1,4-dichlorobenzene	1.8	0.0030 U	**10.3 J**	0.0026 U	0.0027 U	0.0025 U
2-chlorotoluene	NA	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
4-chlorotoluene	NA	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
acetone	0.05	**0.0118 J**	46.5000 U	**0.0078 J**	**0.0055 J**	**0.0107 J**
benzene	0.06	0.0030 U	0.2910 U	0.0026 U	0.0027 U	0.0025 U
bromomethane	NA	**0.0009 J**	1.1600 U	0.0106 U	0.0110 U	0.0100 U
chlorobenzene	1.1	**0.0007 J**	**0.669 J**	0.0026 U	**0.0006 J**	**0.0007 J**
cis-1,2-dichloroethylene	0.25	0.0060 U	0.0277 U	0.0053 U	0.0055 U	0.0050 U
ethylbenzene	1	**0.0008 J**	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
hexachlorobutadiene	NA	0.0036 U	0.0166 UJ	0.0032 U	0.0033 U	0.0038 U
isopropylbenzene (cumene)	NA	0.0060 U	4.6500 U	0.0053 U	0.0055 U	0.0050 U
m,p-xylene (sum of isomers)	0.26	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
methyl ethyl ketone (2-butanone)	0.12	0.0242 U	0.1110 U	0.0212 U	0.0219 U	0.0201 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.0242 U	0.1110 U	0.0212 U	0.0219 U	0.0201 U
methylene chloride	0.05	**0.0027 J**	0.0277 U	**0.0058**	**0.005 J**	**0.0009 J**
naphthalene	12	0.0060 U	0.5810 U	0.0053 U	0.0055 U	0.0050 U
n-butylbenzene	12	0.0060 U	4.6500 U	**0.002 J**	**0.0018 J**	0.0050 U
n-propylbenzene	3.9	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
o-xylene (1,2-dimethylbenzene)	0.26	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
p-cymene (p-isopropyltoluene)	NA	0.0072 U	0.0333 UJ	0.0064 U	0.0066 U	0.0060 U

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB34-02 (15.5') 25-Sep-2007	AOC9-SB35-01 (13.5') 25-Sep-2007	AOC9-SB35-02 (16.4') 25-Sep-2007	AOC9-SB35-02/D (16.4') 25-Sep-2007	AOC9-SB37-01 (21.0') 25-Sep-2007
sec-butylbenzene	11	0.0060 U	**1.19 J**	**0.0012 J**	0.0055 U	0.0050 U
styrene	NA	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
t-butylbenzene	5.9	0.0060 U	4.6500 U	0.0053 U	0.0055 U	0.0050 U
tetrachloroethene(pce)	1.3	0.0060 U	0.5810 U	0.0053 U	0.0055 U	0.0050 U
toluene	0.7	**0.001 J**	0.0277 U	0.0053 U	0.0055 U	0.0050 U
trans-1,2-dichloroethene	0.19	0.0060 U	0.0277 U	0.0053 U	0.0055 U	0.0050 U
trichloroethylene (tce)	0.47	0.0060 U	0.0277 U	0.0053 U	0.0055 U	0.0050 U
vinyl chloride	0.02	0.0060 U	0.0277 U	0.0053 U	0.0055 U	0.0050 U
xylenes, total	0.26	0.0060 U	0.0277 UJ	0.0053 U	0.0055 U	0.0050 U
Total VOCs		**0.018**	**14**	**0.017**	**0.013**	**0.012**

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**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB38-01 (11.75') 25-Sep-2007	AOC9-SB38-02 (21.2') 25-Sep-2007	AOC9-SB39-01 (12.5') 26-Sep-2007	AOC9-SB39-02 (15.5') 26-Sep-2007	AOC9-SB41-01 (11.2') 26-Sep-2007
SW8260B (mg/Kg)						
1,1,2-trichloroethane	NA	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
1,2,3-trichlorobenzene	NA	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
1,2,3-trichloropropane	NA	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
1,2,4-trichlorobenzene	NA	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
1,2,4-trimethylbenzene	3.6	**0.0006 J**	0.0070 U	**112 J**	**0.0007 J**	0.0068 U
1,2-dibromo-3-chloropropane	NA	0.0109 U	0.0116 U	10.1000 U	0.0111 U	0.0114 U
1,2-dichlorobenzene	1.1	0.0054 U	0.0058 U	5.0700 U	0.0056 U	**0.0007 J**
1,3,5-trimethylbenzene (mesitylene)	8.4	0.0054 U	0.0058 U	**55.6 J**	0.0056 U	0.0057 U
1,3-dichlorobenzene	2.4	0.0065 U	0.0070 U	6.0800 U	0.0067 U	0.0068 U
1,4-dichlorobenzene	1.8	0.0027 U	0.0029 U	**26.5 J**	0.0028 U	**0.0049**
2-chlorotoluene	NA	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
4-chlorotoluene	NA	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
acetone	0.05	**0.0056 J**	**0.0064 J**	**9.88 J**	**0.0047 J**	**0.0035 J**
benzene	0.06	0.0027 U	0.0029 U	2.5300 U	0.0028 U	0.0028 U
bromomethane	NA	0.0109 U	0.0116 U	10.1000 U	0.0111 U	0.0114 U
chlorobenzene	1.1	**0.0008 J**	**0.0006 J**	2.5300 U	**0.0018 J**	**0.0045**
cis-1,2-dichloroethylene	0.25	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
ethylbenzene	1	**0.0008 J**	0.0058 U	5.0700 U	0.0056 U	0.0057 U
hexachlorobutadiene	NA	0.0033 U	0.0035 U	3.0400 U	0.0033 U	0.0034 U
isopropylbenzene (cumene)	NA	0.0054 U	0.0058 U	**10.1 J**	0.0056 U	0.0057 U
m,p-xylene (sum of isomers)	0.26	**0.0007 J**	0.0058 U	**2.63 J**	**0.0015 J**	**0.0012 J**
methyl ethyl ketone (2-butanone)	0.12	0.0218 U	0.0233 U	20.3000 U	0.0222 U	0.0228 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.0218 U	0.0233 U	20.3000 U	0.0222 U	0.0228 U
methylene chloride	0.05	0.0054 U	**0.0009 J**	5.0700 U	0.0056 U	0.0057 U
naphthalene	12	0.0054 U	0.0058 U	**13.2 J**	0.0056 U	0.0057 U
n-butylbenzene	12	0.0054 U	0.0058 U	**6.18 J**	0.0056 U	0.0057 U
n-propylbenzene	3.9	0.0054 U	0.0058 U	**12.5 J**	0.0056 U	0.0057 U
o-xylene (1,2-dimethylbenzene)	0.26	0.0054 U	0.0058 U	**1.01 J**	0.0056 U	0.0057 U
p-cymene (p-isopropyltoluene)	NA	0.0065 U	0.0070 U	**9.48 J**	0.0067 U	0.0068 U

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB38-01 (11.75') 25-Sep-2007	AOC9-SB38-02 (21.2') 25-Sep-2007	AOC9-SB39-01 (12.5') 26-Sep-2007	AOC9-SB39-02 (15.5') 26-Sep-2007	AOC9-SB41-01 (11.2') 26-Sep-2007
sec-butylbenzene	11	0.0054 U	0.0058 U	**7.96 J**	0.0056 U	0.0057 U
styrene	NA	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
t-butylbenzene	5.9	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
tetrachloroethene(pce)	1.3	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
toluene	0.7	**0.0007 J**	**0.0008 J**	5.0700 U	0.0056 U	**0.0009 J**
trans-1,2-dichloroethene	0.19	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
trichloroethylene (tce)	0.47	0.0054 U	0.0058 U	5.0700 U	0.0056 U	**0.0007 J**
vinyl chloride	0.02	0.0054 U	0.0058 U	5.0700 U	0.0056 U	0.0057 U
xylenes, total	0.26	**0.0007 J**	0.0058 U	**3.65 J**	**0.0015 J**	**0.0012 J**
Total VOCs		**0.0092**	**0.0087**	**270**	**0.0087**	**0.016**

**Table 3-2 Additional AOC 9 Predesign Investigation,
Summary of Positive Results for Soil Samples,
Former Griffiss Air Force Base, Rome, New York**

Analyte	Screening Criteria [1]	AOC9-SB41-02 (16.2') 26-Sep-2007	AOC9-SB42-01 (11.0') 27-Sep-2007	AOC9-SB42-02 (17.5') 27-Sep-2007	AOC9-TP01-6.5' 16-Oct-2007
SW8260B (mg/Kg)					
1,1,2-trichloroethane	NA	0.0059 U	0.0056 U	0.0053 U	0.0062 U
1,2,3-trichlorobenzene	NA	0.0059 U	0.0056 U	0.0053 U	0.0062 U
1,2,3-trichloropropane	NA	0.0059 U	0.0056 U	0.0053 U	0.0062 U
1,2,4-trichlorobenzene	NA	0.0059 U	0.0056 U	0.0053 U	0.0062 U
1,2,4-trimethylbenzene	3.6	**0.001 J**	**0.12**	0.0064 U	0.0074 U
1,2-dibromo-3-chloropropane	NA	0.0118 U	0.0112 U	0.0107 U	0.0124 U
1,2-dichlorobenzene	1.1	**0.0015 J**	**0.0048 J**	**0.159**	0.0062 U
1,3,5-trimethylbenzene (mesitylene)	8.4	0.0059 U	**0.0343 J**	0.0053 U	0.0062 U
1,3-dichlorobenzene	2.4	0.0071 U	**0.0023 J**	**0.0038 J**	0.0074 U
1,4-dichlorobenzene	1.8	**0.0096**	**0.0598**	**0.0411**	0.0031 U
2-chlorotoluene	NA	0.0059 U	0.0056 U	0.0053 U	0.0062 U
4-chlorotoluene	NA	0.0059 U	0.0056 U	0.0053 U	0.0062 U
acetone	0.05	**0.0062 J**	0.0560 U	0.0533 U	0.0620 U
benzene	0.06	0.0029 U	0.0028 U	**0.0057**	0.0031 U
bromomethane	NA	0.0118 U	0.0112 U	0.0107 U	0.0124 U
chlorobenzene	1.1	**0.006**	**0.262**	**0.275 J**	0.0031 U
cis-1,2-dichloroethylene	0.25	0.0059 U	0.0056 U	0.0053 U	0.0062 U
ethylbenzene	1	0.0059 U	**0.0071 J**	**0.0007 J**	0.0062 U
hexachlorobutadiene	NA	0.0035 U	0.0034 U	0.0032 U	0.0037 U
isopropylbenzene (cumene)	NA	0.0059 U	**0.0053 J**	0.0053 U	0.0062 U
m,p-xylene (sum of isomers)	0.26	0.0059 U	**0.0287**	0.0053 U	0.0062 U
methyl ethyl ketone (2-butanone)	0.12	0.0235 U	0.0224 U	0.0213 UJ	0.0248 U
methyl isobutyl ketone (4-methyl-2-pentanone)	NA	0.0235 U	0.0224 U	0.0213 U	0.0248 U
methylene chloride	0.05	0.0059 U	0.0056 U	0.0053 U	0.0062 U
naphthalene	12	0.0059 U	**0.0695**	0.0053 U	0.0062 U
n-butylbenzene	12	0.0059 U	**0.0069**	**0.0028 J**	0.0062 U
n-propylbenzene	3.9	0.0059 U	**0.0078 J**	0.0053 U	0.0062 U
o-xylene (1,2-dimethylbenzene)	0.26	0.0059 U	0.0152 U	0.0053 U	0.0062 U
p-cymene (p-isopropyltoluene)	NA	0.0071 U	**0.0033 J**	0.0064 U	0.0074 U

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Table 3-2 Additional AOC 9 Predesign Investigation, Summary of Positive Results for Soil Samples, Former Griffiss Air Force Base, Rome, New York

Analyte	Screening Criteria [1]	AOC9-SB41-02 (16.2') 26-Sep-2007	AOC9-SB42-01 (11.0') 27-Sep-2007	AOC9-SB42-02 (17.5') 27-Sep-2007	AOC9-TP01-6.5' 16-Oct-2007
sec-butylbenzene	11	0.0059 U	**0.0046 J**	**0.003 J**	0.0062 U
styrene	NA	0.0059 U	0.0056 U	0.0053 U	0.0062 U
t-butylbenzene	5.9	0.0059 U	0.0152 U	0.0053 U	0.0062 U
tetrachloroethene(pce)	1.3	0.0059 U	0.0056 U	0.0053 U	**0.0385**
toluene	0.7	0.0059 U	0.0152 U	0.0053 U	0.0062 U
trans-1,2-dichloroethene	0.19	0.0059 U	0.0056 U	0.0053 U	0.0062 U
trichloroethylene (tce)	0.47	0.0059 U	0.0152 U	**0.0014 J**	**0.0046 J**
vinyl chloride	0.02	0.0059 U	0.0056 U	0.0053 U	0.0062 U
xylenes, total	0.26	0.0059 U	**0.0287**	0.0053 U	0.0062 U
Total VOCs		**0.024**	**0.62**	**0.49**	**0.043**

(1) New York State Department of Environmental Conservation, 6NYCRR Part 375-6 Remedial Program Soil Clenaup Objectives, Draft, Dec. 14, 2006 Unrestricted Use of Soil Cleanup Objectives. "NA" indicates no applicable criteria.

Bolded and shaded values exceed screening criteria. Bolded values are postive results.

Key:
ND = No volatiles detected in this sample.
J = Estimated.
mg/Kg = Miligram per kilogram.
U = The analyte was analyzed for by not detected. The associated value is the reporting limit.
UJ = Estimated/not detected.

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Table 3-3 AOC 9 Soil Boring Flame Ionization Detector/Photolonization Detector Readings, Former Griffiss Air Force Base, Rome, New York

Soil Boring ID: / Depth (Feet BGS)	AOC9-SB01 FID/PID Readings (ppm)	AOC9-SB02 FID/PID Readings (ppm)	AOC9-SB03 FID/PID Readings (ppm)	AOC9-SB04 FID/PID Readings (ppm)	AOC9-SB05 FID/PID Readings (ppm)	AOC9-SB06 FID/PID Readings (ppm)	AOC9-SB07 FID/PID Readings (ppm)	AOC9-SB08 FID/PID Readings (ppm)	AOC9-SB09 FID/PID Readings (ppm)	AOC9-SB10 FID/PID Readings (ppm)	AOC9-SB11 FID/PID Readings (ppm)	AOC9-SB12 FID/PID Readings (ppm)	AOC9-SB13 FID/PID Readings (ppm)	AOC9-SB14 FID/PID Readings (ppm)
0.5	--	0/1.3	0/7.29	0/.63	0/2.1	--	concrete	--	concrete	--	--	0/1.1	0/.5	--
1	2/4	0/.43	0/32.5	0/.39	--	0/.80	concrete	0/1.2	concrete	0/.9	0/2	--	--	0/1.1
1.5	--	0/.22	0/15.9	0/.42	0/2.7	0/1.1	--	--	--	--	--	0/1	0/.3	--
2.0	49/3	0/.59	0/35.6	0/.34	--	0/1.2	0/1.6	0/.89	15/4	.6/2	0/1.3	--	--	0/.9
2.5	--	0/.31	0/11.2	--	84.7/1.4	0/.17	--	--	--	--	--	0/.40	0/27	--
3.0		0/.34	31.9/8.6	--	--	0/.24	0/.92	0/.75	0/.3	1.1/3	0/1.5	--	--	0/.32
3.5	15/3	0/.59	--	--	--	0/.14	--	--	--	--	--	0/.21	0/0.9	--
4.0	--	0/.60	--	--	--	--	--	--	0/.2	--	0/1.1	--	--	0/.25
4.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5.0	--	--	5/10.1	--	--	--	--	--	--	--	--	--	--	--
5.5	2.1/9	0/2.04	--	18.6/49	30/49	0/8.3	--	0/1.9	0/26	.9/.9	--	0/.1	0/1.7	--
6.0	0/20	0/.48	9.1/15.4	--	--	77.4/7.9	0/1.8	--	--	0/.6	--	--	--	0/.25
6.5	--	0/1.30	--	137/155	285/100	94.1/62	0/5	0/2.6	--	0/1.1	--	0/.11	0/.59	--
7.0	2.3/19	0/.38	48/68.2	184/112	521/175	230/100	60/102	--	0/1.0	0/.94	--	--	--	0/.57
7.5	140/120	0/.34	--	321/203	900/274	575/221	--	--	--	1.5/3	--	0/.12	0/3.3	--
8.0	--	--	136/127	18.4/22 at 8.4'	36/50	55/10.6	6.7/77	341/89	15/20	--	0/.31	--	--	0/.48
8.5	--	--	--	--	--	--	--	547/133	--	--	0/.4	237/2.8	--	0/.52
9.0	--	--	411/142	--	--	--	--	1272/278	--	--	107/1.6	--	--	--
9.5	--	--	--	--	--	--	--	--	--	--	86.4/38.1	--	--	--
10.0	--	--	1850/301	--	--	--	--	182/201	--	--	8.3/42.9	--	--	--
10.5	1200/430	0/.31	0/4.2	1.4/1.1	0/1.6	35.8/3.7	0/17	59/15	15/46	0/.14	196/185	2238/183	64/13.9	0/.86
11.0	2300/293	0/.91	0/.92	0/1.2	0/.39	0/.32	89/72	.9/9.8	45/46	0/.22	232/259	2373/421	--	--
11.5	1200/146	0/.33	--	1.6/1.4	0/.44	0/.65	46/73	0/9.2	150/195	1.5/.31	494/246	932/423	14.7/16.2	0/.72
12.0	230/9.3	0/.40	0/0	--	0/1.2	--	81/130	0/.43	3/31	2.2/4.6	330/148	1711/821	--	--
12.5	4.8/13.1	0/1.2	0/0	0/1.3	0/.41	0/.32	228/176.8	--	0/33	3.6/82	293/160	1656/346	9.4/21.1	0/.75
13.0	--	0/1.0	0/.42	0/.87	0/.20	--	106/120	0/.31	--	--	0/16.3	1541/215	--	--
13.5	--	--	0/.15	--	0/.11	0/.17	--	--	--	--	0/19.4	0/80	158/243	54.9/29.9 at 13.3'
14.0	--	--	--	--	0/.04	--	--	0/.29	--	--	--	--	--	--
14.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15.5	0/4.8	5.4/2.5	0/.19	0/.2	0/.48	0/.19	0/.31	0/.6	0/2.2	57/125	0/1.9	0/.41	316/232.8	342/247
16.0	0/.36	20.1/3.1	--	--	--	0/.22	0/.21	--	0/2	345/271	--	--	1511/258	--
16.5	0/3	0/2.1	0/.34	0/.4	0/.60	0/.14	0/.19	0/.5	0/2.1	315/356	0/1.6	0/.19	2915/249	1039/411
17.0	0/.45	0/1.2	--	--	0/.41	0/.20	0/.22	--	0/.94	213/58	--	--	--	--
17.5	0/.17	0/2.12	0/.34	0/.2	0/.21	0/.11	0/.24	0/.2	0/.31	291/66	0/2.3	0/.29	2447/375	953/351
18.0	--	0/1.3	0/.29	--	0/.23	--	--	--	0/.6	23/45	--	--	--	--
18.5	--	--	BOH @ 18.1'	0/.3	--	--	0/.17	0/.3	--	--	0/2.3	0/.33	532/460	--
19.0	--	--		--	--	--	--	0/.3	--	--	--	--	--	--
19.5	--	--		--	--	--	--	--	--	--	--	--	--	--
20.0	--	--		BOH @ 20'	BOH @ 20'	BOH @ 20'	--	BOH @ 20'	--	--	--	--	--	--
20.5	0/.34	61/2.21					0/0.6		0.8/.22	32/2	0/.34	--	1.6/3.1	0/16
21.0	0/.19	10.1/1.19					0/.51		0/.21	2.2/1.6	--	0/.23	--	--
21.5	0/.22	21/1.1					0/.4		0/.33	2.3/1.7	0/.19	--	52.4/6.6	0/7

Table 3-3 AOC 9 Soil Boring Flame Ionization Detector/Photolonization Detector Readings, Former Griffiss Air Force Base, Rome, New York

Soil Boring ID: / Depth (Feet BGS)	AOC9-SB01 FID/PID Readings (ppm)	AOC9-SB02 FID/PID Readings (ppm)	AOC9-SB03 FID/PID Readings (ppm)	AOC9-SB04 FID/PID Readings (ppm)	AOC9-SB05 FID/PID Readings (ppm)	AOC9-SB06 FID/PID Readings (ppm)	AOC9-SB07 FID/PID Readings (ppm)	AOC9-SB08 FID/PID Readings (ppm)	AOC9-SB09 FID/PID Readings (ppm)	AOC9-SB10 FID/PID Readings (ppm)	AOC9-SB11 FID/PID Readings (ppm)	AOC9-SB12 FID/PID Readings (ppm)	AOC9-SB13 FID/PID Readings (ppm)	AOC9-SB14 FID/PID Readings (ppm)
22.0	0/.20	8.4/.89					0/.32		0/.43	1.4/.16	--	0/.16	--	--
22.5	0/.42	3.1/.76					0/.2		0/.19	1.1/.19	0/.31	--	0/.05	1.5/1.8
23.0	--	0/.42					0/.07		0/.24	0.8/.11	--	0/.22	--	--
23.5	--	--					--		0/.26	0/.09	0/.22	--	--	0/.95
24.0	--	--					--		0/.19	0/.12	--	0/.19	--	--
24.5	--	--					--		--	--	--	--	--	--
25.0	--	--					BOH @ 25'		BOH @ 25'	--	BOH @ 25'	BOH @ 25'	--	--
25.5	0/.47	0/1.51								3.1/1.6			0/.40	0/.4
26	0/.36	0/.49								--			--	--
26.5	0/.29	0/.55								3.2/.19			0/.35	0/.44
27	0/.24	0/.51								--			--	--
27.5	--	0/.61								2/.31			0/.56	0/27.5
28	BOH @ 28'	0/.54								1.4/.19			--	--
28.5		BOH @ 28'								--			0/.44	0/.19
29										--			--	--
29.5										--			--	--
30										BOH @ 30'			BOH @ 30'	BOH @ 30'

Table 3-3 AOC 9 Soil Boring Flame Ionization Detector/PhotoIonization Detector Readings, Former Griffiss Air Force Base, Rome, New York

AOC9-SB15 FID/PID Readings (ppm)	AOC9-SB16 FID/PID Readings (ppm)	AOC9-SB17 FID/PID Readings (ppm)	AOC9-SB18 FID/PID Readings (ppm)	AOC9-SB19 FID/PID Readings (ppm)	AOC9-SB20 FID/PID Readings (ppm)	AOC9-SB21 FID/PID Readings (ppm)	AOC9-SB22 FID/PID Readings (ppm)	AOC9-SB23 FID/PID Readings (ppm)	AOC9-SB24 FID/PID Readings (ppm)	AOC9-SB25 FID/PID Readings (ppm)	AOC9-SB26 FID/PID Readings (ppm)	AOC9-SB27 FID/PID Readings (ppm)	AOC9-SB28 FID/PID Readings (ppm)	AOC9-SB29 FID/PID Readings (ppm)
--	0/11	concrete	0/.39	0/1.8	0/1.5	0/3.8	0/.39	0/70.4	0/.44	concrete	--	--	--	--
0/.32	--	concrete	--	--	--	--	--	--	--	concrete	0/0	0/0	0/0	NA/0
--	0/42	0/10.1	0/.34	0/3.9	0/2.6	0/2.07	0/.48	0/50.6	0/1.5	--	--	--	--	--
0/.51	--	--	--	--	--	--	0/.53	--	--	0/1.9	0/0	0/0	0/0	NA/0
--	0/22	0/5.6	0/.23	0/.62	0/1.1	0/.92	--	0/20.1	0/.75	--	--	--	--	--
0/1.4	--	--	0/.31	--	--	--	--	--	--	0/.89	0/0	0/0	0/0	NA/0
--	0/21	0/4.1	--	0/1.4	--	--	--	0/2.6	0/54	--	--	--	--	--
0/.99	--	--	--	--	--	--	--	--	--	0/.41	0/0	--	0.4/0	NA/0
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0/.55	0/28	0/42.6	0/4	0/1.2	0/18.5	0/.73	0/.03	0/3.9	0/33.6	0/1	--	0/0	--	--
--	--	--	--	--	--	--	--	--	--	--	0/0	0/0	0/0	NA/0
0/.5	0/14.9	0/18.6	0/4.8	0/.7	0/7	0/.55	136/.01	0/11.6	0/40.5	0/.4	--	0/0	--	--
--	--	--	--	--	--	--	--	--	--	--	0/0	0/0	6.9/3.6	NA/0
0/.27	0/9.8	0/15	588/121	0/.5	0/7.8	0/.46	140.1/.01	0/4.6	0/8	0/.2	--	0/0	--	--
--	--	--	--	--	--	--	--	--	--	--	0/0	--	0/0	NA/0
0/--	0/4.7	--	2844/249	73/8.7	--	56/26.9	--	38.1/12.2	0/5.8	69.3/3 at 8.2'	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA/0
--	--	--	840/71	124/114	--	--	--	--	0/4.9	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	0/5.4	197/50.3	1489/215	183/175	249/3.1	1580/373	58.1/11.0	37.5/12.2	2096/6	73/119	--	0/0	0/0	--
0/.64	--	--	--	--	--	--	--	--	--	--	0/0	--	0/0	NA/0
--	0/.9	643/58	99.2/33.6	0/.9	720/2.1	4550/272	330/96	58.4/16	1741/19	268/150	--	3243/72.9	0/0	--
0/.8	--	0/11.4	--	--	--	--	--	--	--	--	0/0	--	0/0	NA/0
--	0/2.5	--	0/1.9	0/1.3	0/2	475/150	8447/443	978/300	2465/430	229/140	--	950/72.4	--	--
0/.37	--	--	--	--	--	--	--	--	--	--	0/0	--	--	NA/1.2
--	0/.69	--	0/2.1	0/1.7	0/.95	0/133	3057/330	1597/410	1571/505	35.2/20	--	--	--	--
43/.29	--	--	--	--	--	--	5260/283	0/1.8 at 13.8'	0/.04 at 13.6	--	--	--	--	--
--	0/2.1	--	0/.16	0/1.2	--	0/.24	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
486/11.8	2100/4.5	0/.17	0/.27	0/.19	0/3.2	0/.18	0/.51	0/.18	0/.11	0/2.3	1.5/0	--	0/0	--
--	--	--	--	--	--	--	--	--	--	--	--	108.5/4.4	--	NA/1.4
494/12.96	84.9/3.9	0/.24	0/.31	0/.89	0/2.2	0/.16	0/.2	0/.22	0/.08	0/1.3	96.5/1.6	--	5.1/0.1	--
--	--	--	--	--	--	--	--	--	--	--	--	460/32.3	4/0.6	NA/110
2389/427	102/3.1	0/.11	0/.18	0/.31	0/2.1	0/.23	0/.31	0/.24	0/.04	0/.19	25.4/3	--	545/6.6	--
--	--	--	0/.11	--	--	--	--	--	--	--	--	3243/1024	1485/91.2	NA/711
2995/671	0/.98	0/.13	--	0/.14	31/2.1	0/.14	0/.15	0/.12	0/.09	0/.11	24.8/0.7	--	--	--
--	--	--	--	0/.11	--	--	--	0/.09	--	--	--	1285/91.4	28/3.6	NA/357
--	--	--	--	--	--	--	--	--	--	--	--	33.4/1.6	--	--
--	--	--	BOH @ 20'	BOH @ 20'	--	--	--	--	--	--	--	--	--	NA/401
23.7/3.2	0/.19	0/.11			0/.94	0/1.3	0/.21	0/.19	0/.09	0/.11	91/7.1	0/0	27/10	NA/5.1
--	--	--			--	--	--	--	--	--	--	--	--	--
92.4/4.8	0/.08	0/.29			0/.61	0/.41	0/.1	0/.11	0/.21	0/.12	18.5/0.1	1.7/0.1	30.5/1.6	NA/1.3

Table 3-3 AOC 9 Soil Boring Flame Ionization Detector/PhotoIonization Detector Readings, Former Griffiss Air Force Base, Rome, New York

AOC9-SB15 FID/PID Readings (ppm)	AOC9-SB16 FID/PID Readings (ppm)	AOC9-SB17 FID/PID Readings (ppm)	AOC9-SB18 FID/PID Readings (ppm)	AOC9-SB19 FID/PID Readings (ppm)	AOC9-SB20 FID/PID Readings (ppm)	AOC9-SB21 FID/PID Readings (ppm)	AOC9-SB22 FID/PID Readings (ppm)	AOC9-SB23 FID/PID Readings (ppm)	AOC9-SB24 FID/PID Readings (ppm)	AOC9-SB25 FID/PID Readings (ppm)	AOC9-SB26 FID/PID Readings (ppm)	AOC9-SB27 FID/PID Readings (ppm)	AOC9-SB28 FID/PID Readings (ppm)	AOC9-SB29 FID/PID Readings (ppm)
--	--	--			--	--	--	--	--	--	--	--	68/0.6	--
0/.98	0/.21	0/.27			0/.18	0/.11	0/.09	0/.14	0/.04	0/.05	7.8/0.5	1.2/0.7	65/0.6	NA/0.1
--	--	0/.14			--	--	--	--	--	--	0.7/0	--	11/0.4	--
0/.03	0/.16	--			0/.16	0/.18	0/.14	0/.1	0/.07	0/.04	--	--	--	--
--	--	--			--	--	--	--	0/.11	--	--	--	--	--
--	--	--			--	--	--	--	--	0/.08	--	--	--	--
--	--	BOH @ 25'			BOH @ 25'	BOH @ 25'	BOH @ 25'	BOH @ 25'	BOH @ 25'	BOH @ 25'	--	BOH @ 25'	--	--
0/.5	0/.11										0.2/0		0/0.1	NA/0.1
--	--										--		--	--
0/.6	0/.19										0/0		--	NA/0.3
--	--										0/0		--	--
0/.8	0/.24										--		--	NA/0.1
--	--										--		--	--
0/.5	0/.13										--		--	--
--	--										--		BOH @ 29'	--
--	--										--			--
BOH @ 30'	BOH @ 30'										BOH @ 30'			BOH @ 30'

Table 3-3 AOC 9 Soil Boring Flame Ionization Detector/PhotoIonization Detector Readings, Former Griffiss Air Force Base, Rome, New York

AOC9-SB30 FID/PID Readings (ppm)	AOC9-SB31 FID/PID Readings (ppm)	AOC9-SB32 FID/PID Readings (ppm)	AOC9-SB33 FID/PID Readings (ppm)	AOC9-SB34 FID/PID Readings (ppm)	AOC9-SB35 FID/PID Readings (ppm)	AOC9-SB36 FID/PID Readings (ppm)	AOC9-SB37 FID/PID Readings (ppm)	AOC9-SB38 FID/PID Readings (ppm)	AOC9-SB39 FID/PID Readings (ppm)	AOC9-SB40 FID/PID Readings (ppm)	AOC9-SB41 FID/PID Readings (ppm)	AOC9-SB42 FID/PID Readings (ppm)
0/0	0/0	0/0	--	0/0.1	0/7.4	0/0.2	0/0.9	NA/0.4	0/5.1	--	--	0/1.0
--	--	--	0/262	--	--	--	--	--	--	NA/9	NA/0	--
0/0	0/0	0/0	--	0/0.1	0/6.7	0/0.1	0/0.4	NA/0.1	0/17.4	--	--	0/1.4
--	--	--	4.8/94.4	--	--	--	--	--	--	NA/1.6	NA/0	--
0/0	--	0/0	--	0/0.1	0/15.4	0/0.1	--	NA/0	0/4.5	--	--	0/1.4
--	--	--	--	--	--	--	--	--	--	NA/1.9	NA/0	--
1.8/0	--	0/0	--	0/0.1	0/19.1	0/0.2	--	NA/0	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	NA/0	--
--	--	--	--	--	9.5/48.8	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
0/0	7/1.1	0/0.9	0.8/59.9	3.6/0.9	0/124	0/0.1	NA/0	NA/0	NA/10.2	--	--	--
0/0	--	0/1.1	--	--	--	--	--	--	--	NA/6	NA/0	--
77/0	84/4.1	--	0/66.4	0/1.1	0.5/40.2	0/35	NA/0	NA/0	NA/8.4	--	--	--
0/0	--	0/1.0	--	--	--	--	--	--	--	NA/2.9	NA/0	--
0/0	0/0.8	--	0.5/88	0/0.1	0/58.7	0/1.4	--	--	NA/9.6	--	--	--
0/0	--	--	--	--	--	BOH @ 7.9'	--	--	--	NA/2.3	NA/0	--
--	0/2	--	0.4/59	0/0	0/38.7		--	--	--	--	--	--
--	--	--	--	--	--		--	--	--	NA/171	NA/0	--
--	--	--	0/59.4	--	--		--	--	--	--	--	--
--	No Recovery	--	--	--	--		--	--	--	--	--	--
--	No Recovery	0/0.4	0/142	430/207	0.5/36.4		NA/0	NA/0	NA/37	NA/360	--	229/1.6
0/0	No Recovery	--	--	--	--		NA/0	--	NA/211	NA/754	NA/0	184/13.4
--	No Recovery	0/0	7.1/155	361/174	0/12.4		NA/0	NA/0	NA/214	NA/512	--	99/6.1
0/0	No Recovery	--	--	--	--		--	--	NA/333	NA/440	NA/0	92/4.4
--	No Recovery	0/0	17.2/188	734/290	0/25.5		--	NA/0	NA/448	NA/15	--	7.7/0.6
0/0	No Recovery	--	--	--	--		--	--	NA/168	--	NA/0	10/0.4
--	No Recovery	--	10.9/51	102/31	1528/286		--	NA/0	NA/63	--	--	--
0/0	No Recovery	--	--	--	--		--	NA/0.1	NA/2	--	NA/0	--
--	No Recovery	--	--	--	--		--	--	--	--	--	--
--	No Recovery	--	15' to 20' Not available for each foot of sample core. FID ranged from 0.0 to 3.9 PID ranged from 11.7 to 13.5	--	--		--	--	--	--	--	--
0/3.9	3244/459	0/2.7		0.4/2.6	582.6/237		--	NA/0	NA/3.1	--	NA/0	2.8/2.4
--	--	--		--	162.3/117		--	--	--	NA/1.1	--	--
0/1	3248/671	316/474		1.1/4.2	18.1/22.6		--	NA/0	NA/2.8	--	NA/0	18.1/1.1
--	--	--		--	7.2/6.8		--	--	--	NA/0.5	--	--
909/29	1307/307	1021/540		0.4/4.1	1.4/23		--	NA/0.1	NA/1.6	--	NA/0	24.4/1.2
--	--	--		--	3.9/5.3		--	--	--	NA/0.2	--	--
447/428	261/572	21/92.6		--	--		--	NA/0.1	--	--	NA/0	--
--	--	--		--	--		--	--	--	--	--	--
2231/1082	66.7/132	--		--	--		--	--	--	--	--	--
--	--	--		--	--		--	--	--	BOH @ 20'	--	--
69/4.9	24.5/7	76.7/2.6	--	0.4/0	1.1/0.4		NA/0	NA/0	NA/2.2		--	0/0.3
--	--	--	--	--	--		--	--	--		NA/0	--
1/2.4	67.1/6.4	0/0	--	1.3/0	3.8/1.4		NA/0	NA/0	NA/1.3		--	0/0

Table 3-3 AOC 9 Soil Boring Flame Ionization Detector/PhotoIonization Detector Readings, Former Griffiss Air Force Base, Rome, New York

AOC9-SB30 FID/PID Readings (ppm)	AOC9-SB31 FID/PID Readings (ppm)	AOC9-SB32 FID/PID Readings (ppm)	AOC9-SB33 FID/PID Readings (ppm)	AOC9-SB34 FID/PID Readings (ppm)	AOC9-SB35 FID/PID Readings (ppm)	AOC9-SB36 FID/PID Readings (ppm)	AOC9-SB37 FID/PID Readings (ppm)	AOC9-SB38 FID/PID Readings (ppm)	AOC9-SB39 FID/PID Readings (ppm)	AOC9-SB40 FID/PID Readings (ppm)	AOC9-SB41 FID/PID Readings (ppm)	AOC9-SB42 FID/PID Readings (ppm)
--	--	--	--	--	--		--	--	--		NA/0	--
1/1.2	63/5.6	0/0	--	3.2/0	--		NA/0	NA/0	NA/0.8		--	0/0
--	--	--	--	--	--		--	--	--		NA/0	--
2/1.6	--	--	--	1.1/0	--		--	NA/0	NA/0.5		NA/0	--
--	--	--	--	--	--		--	--	--		--	--
--	--	--	--	--	--		--	BOH @ 24.5	--		--	--
--	--	--	--	--	--		BOH @ 25'		BOH @ 25'		BOH @ 25'	BOH @ 25'
0/0	0/0.2	0/0	4.7/20	0/0.1	3.7/1							
--	--	--	--	--	--							
0/0	0/0.4	0/0	0/7.5	0/0	1.4/0.1							
--	--	--	--	--	--							
0/0	0/0	0/0	0/2.6	BOH @ 27.5'	0/0.1							
--	--	--	--		BOH @ 28.2'							
--	--	--	0/4.0									
--	--	BOH @ 29'	BOH @ 29'									
--	--											
BOH @ 30'	BOH @ 30'											

Note:

All FID/PID Readings were obtained in the field from MacroCore soil cores using Micro FID and TVA 1000 air monitoring equipment.

Key:

AMSL = Above mean sea level.
BGS = Below Ground Surface.
ft = Feet.
-- = Not Collected.
NA = FID reading not available due to equipment malfunction.

F:\Griffiss\AOC9 TW Surveyed 7-5-07\Figure 3-1.dwg

905

AOI 93

LEACH FIELD

LEACH FIELD

LEACH FIELD

AOC9-GP35S/I/D ND/ND

BUILDING 930

AOC9GP42S/I/D ND/ND

TW88 (ND)

LIFT STATION (ND)

TW67 (1.4)

TW65

TW66 (ND)

BUILDING 917

AOC9-GP38S/I/D ND/ND

AOC9-GP55 ND/ND

BUILDING 912

TW18 (0.44)

TW57 (0.95)

TW90 (0.15)

TW54 (ND)

TW40 (147.65)

TW41 (0.31)

AOC9-GP40S/I/D 12.1/6.9

TW91 (0.18)

TW62 (3.2)

TW89 (ND)

TW87 (0.2)

TW8 (ND)

SECONDARY MOUND

TW33 (17.48)

TW37 (10.97)

TW38 (902.1)

TW42 (1.1)

TW61 (ND)

TW24 (1.45)

TW34 (222.5)

TW43 (1.2)

TW101 (1.1)

TW102 (ND)

TW82 (ND)

BUILDING 915

BUILDING 913

TW20 (4.92)

TW21 (3.9)

TW25 (2.26)

TW26 (2.36)

TW95 (0.68)

AOC9-GP57 25/1.2

AOC9-GP54 0.2/ND

AOC9-GP53 65.8/7.6

AOC9-MW11Br ND

AOC9-GP56 161/2.9

AOC9-GP30S/D ND/117.6

WEAPONS STORAGE AREA (WSA)

TW19 (1878)

TW68 (200)

TW39 (21610)

TW56 (290)

TW58 (ND)

TW74 (0.12)

TW80 (0.26)

TW22 (1199.5)

TW49 (1300)

TW35 (2206.5)

TW103 (ND)

TW59 (ND)

TW75 (0.44)

TW76 (0.72)

TW27 (2314.5)

TW69 (190)

TW100 (3400)

TW72 (ND)

TW60 (0.14)

TW28 (4831.5)

TW54B (1200)

TW30 (760)

TW96 (790)

TW44 (1900)

TW29 (1470.5)

TW23 (389.1)

TW73 (0.13)

TW77 (0.44)

AOC9-GP45 902/22.4

AOC9-GP51 881/17.5

TW31 (1969)

TW97 (1100)

TW45 (3100)

TW83 (6.2)

TW70 (760)

TW32 (12105.5)

TW46 (280)

TW36 (15.95)

TW84 (1.6)

TW79 (ND)

AOC9-GP36S/I/D 10.0/5.2

TW47 (7.9)

AOC9-GP43D ND/ND

AOC9-MW14 (1989)

TW51 (4.2)

TW85 (0.44)

AOC9-GP52 781/14.4

TW52 (10)

TW98 (11)

TW86 (0.72)

TW48 (0.92)

PRIMARY MOUND

TW92 (9.6)

TW99 (5.7)

AOC9-GP46 431/17.6

AOC9-MW08 (496)

AOC9-GP28S/I/D 2151/341.4

TW94 (6.6)

TW93 (5.9)

AOC9-GP37S/I/D ND/ND

AOC9-GP50 0.6/0.4

AOC9-GP49 0.6/0.5

AOC9-GP44 (1417) 1320 CB 21.3 1,2 DCB 72.3 1,4 DCB 0.3 TCE ND DCE 7 VC 2150/513

FORMER AFFF POND

AOC9-GP29S/I/D ND/ND

PZ1

BUILDI 916

100

1000

10000

CULVERT

LEGEND

FENCE	
525	TOPOGRAPHIC CONTOUR LINE (CONTOUR INTERVAL = 5 FT)
UE	UNDERGROUND ELECTRIC
W	WATER LINE
S	SANITARY SEWER
OE	OVERHEAD ELECTRIC
	ABANDONED UNDERGROUND ELECTRIC
CB	CHLOROBENZENE
ND	NOT DETECTED
	MONITORING WELL TOTAL VOLATILE ORGANIC COMPOUNDS IN ug/L (DASHED WHERE INFERRED)
	AOC9 LAND USE BOUNDARY
AOC9-GP36S/I/D 10.0/5.2	YEAR 2000 GEOPROBE GROUNDWATER SAMPLING LOCATIONS.
G009-MW01	PERMANENT MONITORING WELL LOCATION
TW44	TEMPORARY MONITORING WELL LOCATION
PZ-1	PIEZOMETER LOCATION
(136.4)	TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION (ug/L)

NOTES:
1. ALL CONCENTRATIONS PRESENTED IN ug/L.

40 0 40 80

SCALE: 1"=40'

GRIFFISS AFB OBGW SITES
AOC 9 SITE
ROME, NEW YORK

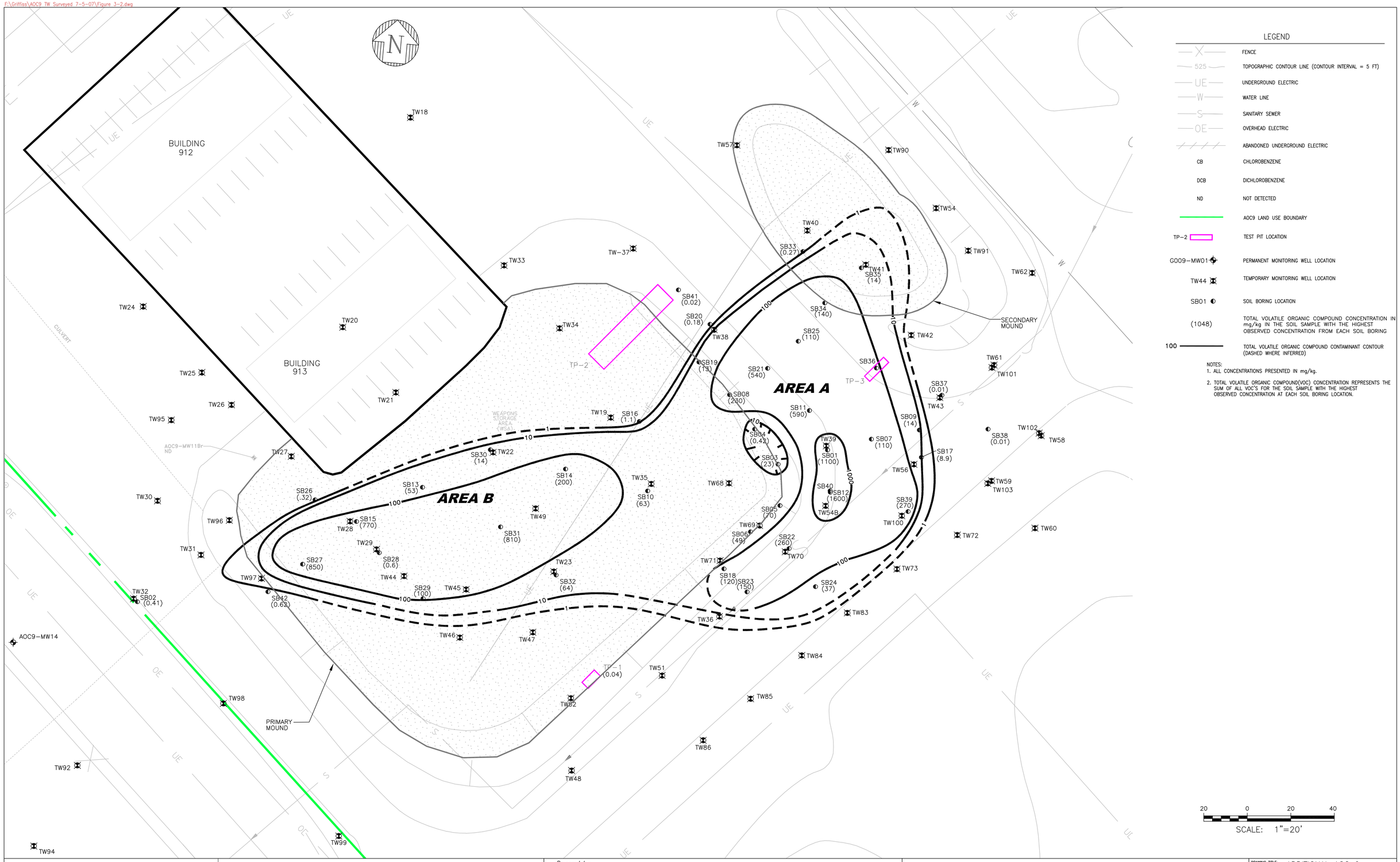
Prepared by: parsons

In Association with: FPM group; ecology and environment engineering p.c.

DRAWING TITLE: ADDITIONAL AOC 9 PREDESIGN INVESTIGATION TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATIONS IN GROUNDWATER

FIGURE 3-1

F:\Griffiss\AOC9 TW Surveyed 7-5-07\Figure 3-2.dwg



LEGEND

X	FENCE
525	TOPOGRAPHIC CONTOUR LINE (CONTOUR INTERVAL = 5 FT)
UE	UNDERGROUND ELECTRIC
W	WATER LINE
S	SANITARY SEWER
OE	OVERHEAD ELECTRIC
	ABANDONED UNDERGROUND ELECTRIC
CB	CHLOROBENZENE
DCB	DICHLOROBENZENE
ND	NOT DETECTED
	AOC9 LAND USE BOUNDARY
TP-2	TEST PIT LOCATION
GO09-MW01	PERMANENT MONITORING WELL LOCATION
TW44	TEMPORARY MONITORING WELL LOCATION
SB01	SOIL BORING LOCATION
(1048)	TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION IN mg/kg IN THE SOIL SAMPLE WITH THE HIGHEST OBSERVED CONCENTRATION FROM EACH SOIL BORING
100	TOTAL VOLATILE ORGANIC COMPOUND CONTAMINANT CONTOUR (DASHED WHERE INFERRED)

NOTES:
1. ALL CONCENTRATIONS PRESENTED IN mg/kg.
2. TOTAL VOLATILE ORGANIC COMPOUND(VOC) CONCENTRATION REPRESENTS THE SUM OF ALL VOC'S FOR THE SOIL SAMPLE WITH THE HIGHEST OBSERVED CONCENTRATION AT EACH SOIL BORING LOCATION.

GRIFFISS AFB OBGW SITES
AOC 9 SITE
ROME, NEW YORK

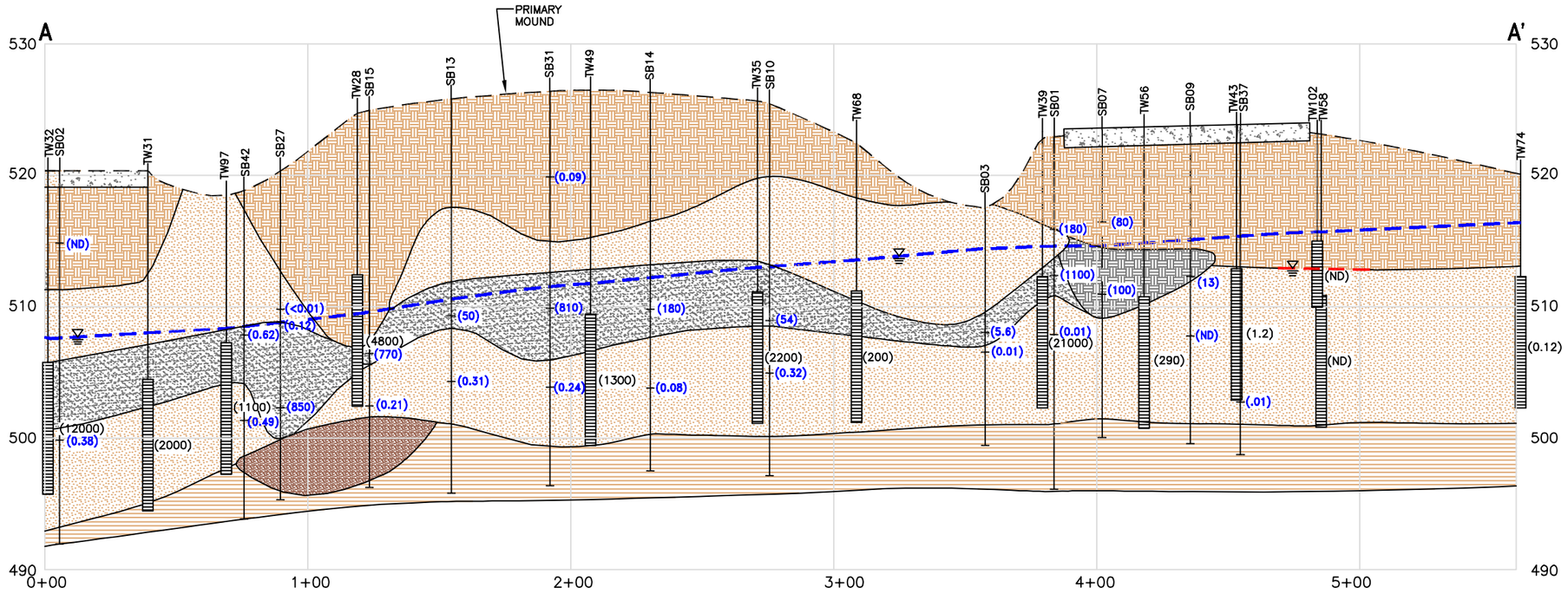
Prepared by: parsons

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DRAWING TITLE: ADDITIONAL AOC 9 PREDESIGN INVESTIGATION
TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATIONS IN SOIL

FIGURE 3-2

F:\Griffiss\AOC9 TW Surveyed 7-5-07\Figures 3-3 thru 3-5.dwg



CROSS SECTION A-A'

APPROXIMATE HORIZONTAL SCALE: 1"=50'
APPROXIMATE VERTICAL SCALE: 1"=10'

LEGEND

EXISTING GRADE	FILL (CRUSHED STONE AND/OR GRAVEL, FINE SAND AND SILT)
WATER LEVEL ELEVATION (JUNE 2007)	FINE BROWN SAND (VF TO FINE SAND, OCCASIONALLY CONTAINS LITTLE SILT AND TRACE ROUNDED GRAVEL)
WATER LEVEL ELEVATION (OCTOBER 2007)	FINE GRAY/BROWN TO BLACK SAND w/ SOLVENT ODOR
TEMPORARY MONITORING WELL SCREEN INTERVAL	GRAY TILL (GRAVEL, SAND, SILT AND CLAY w/ SHALE FRAGMENTS)
SOIL BORING DEPTH	BROWN SAND AND GRAVEL (VF TO COARSE BROWN SAND AND GRAVEL)
(380.2) TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION IN SOIL (mg/kg)	GRAY/BLACK FILL (FINE TO COARSE GRAVEL, LITTLE SAND AND SILT, w/ SOLVENT ODOR)
(1.44) TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION IN GROUNDWATER (ug/L)	CONCRETE
VF VERY FINE	

NOTE:

1. FOR PLAN VIEW LOCATIONS OF CROSS SECTIONS SEE FIGURE 2-1.

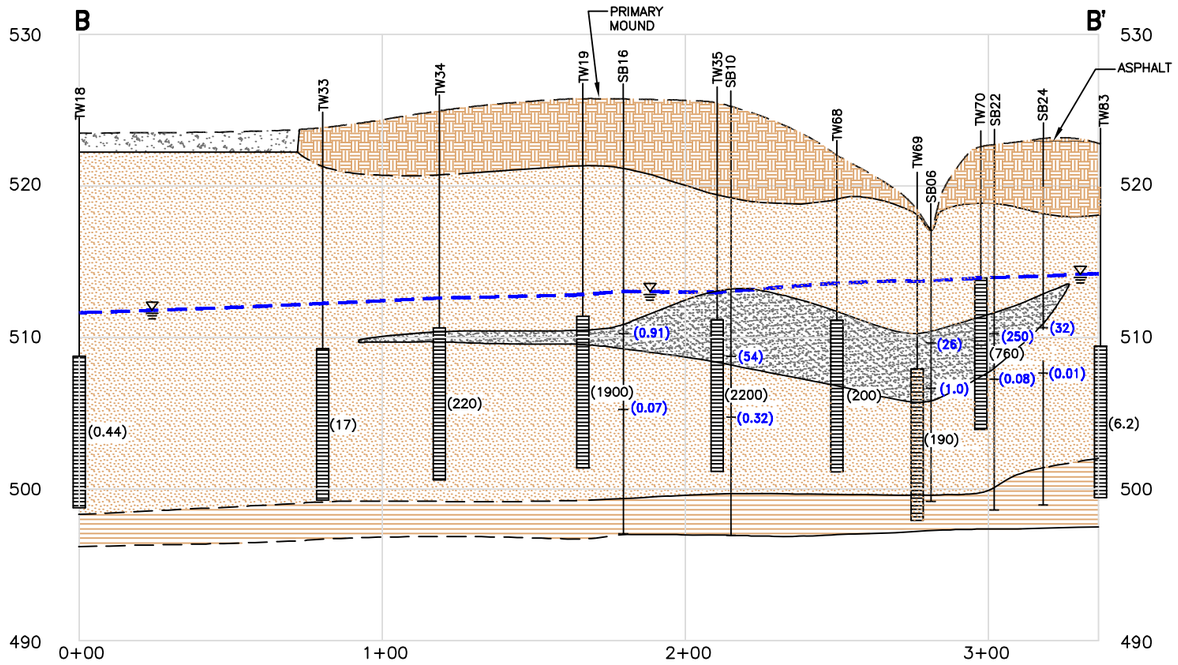
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DRAWING TITLE: ADDITIONAL AOC 9 PREDESIGN INVESTIGATION
CROSS SECTION A-A' VOLATILE ORGANIC COMPOUND CONCENTRATIONS

FIGURE 3-3

F:\Griffiss\AOC9 TW Surveyed 7-5-07\Figures 3-3 thru 3-5.dwg



CROSS SECTION B-B'

APPROXIMATE HORIZONTAL SCALE: 1"=50'
APPROXIMATE VERTICAL SCALE: 1"=10'

LEGEND

- EXISTING GRADE
- WATER LEVEL ELEVATION (JUNE 2007)
- TEMPORARY MONITORING WELL SCREEN INTERVAL
- SOIL BORING DEPTH
- (380.2) TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION IN SOIL (mg/kg)
- (1.44) TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION IN GROUNDWATER (ug/L)
- VF VERY FINE
- DASHED WHERE INFERRED FOR SOIL LAYERS
- FILL (CRUSHED STONE AND/OR GRAVEL, FINE SAND AND SILT)
- FINE BROWN SAND (VF TO FINE SAND, OCCASIONALLY CONTAINS LITTLE SILT AND TRACE ROUNDED GRAVEL)
- FINE GRAY/BROWN TO BLACK SAND (VF TO FINE GRAY/BLACK SAND w/ SOLVENT ODOR)
- GRAY TILL (GRAVEL, SAND, SILT AND CLAY w/ SHALE FRAGMENTS)
- CONCRETE

NOTE:

1. FOR PLAN VIEW LOCATIONS OF CROSS SECTIONS SEE FIGURE 2-1.

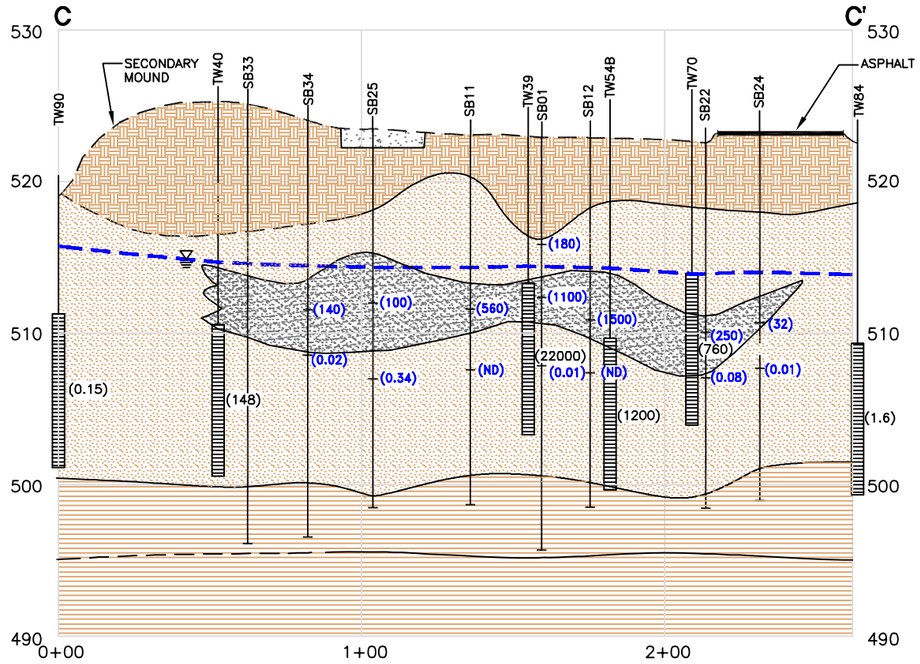
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DRAWING TITLE: ADDITIONAL AOC 9 PREDESIGN INVESTIGATION CROSS SECTION B-B' VOLATILE ORGANIC COMPOUND CONCENTRATIONS

FIGURE 3-4

F:\Griffiss\AOC9 TW Surveyed 7-5-07\Figure 3-5.dwg



CROSS SECTION C-C'

APPROXIMATE HORIZONTAL SCALE: 1"=50'
APPROXIMATE VERTICAL SCALE: 1"=10'

LEGEND

EXISTING GRADE	DASHED WHERE INFERRED FOR SOIL LAYERS
WATER LEVEL ELEVATION (JUNE 2007)	FILL (CRUSHED STONE AND/OR GRAVEL, FINE SAND AND SILT)
TEMPORARY MONITORING WELL SCREEN INTERVAL	FINE BROWN SAND (VF TO FINE SAND, OCCASIONALLY CONTAINS LITTLE SILT AND TRACE ROUNDED GRAVEL)
SOIL BORING DEPTH	FINE GRAY/BROWN TO BLACK SAND (VF TO FINE GRAY/BLACK SAND w/ SOLVENT ODOR)
(380.2) TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION IN SOIL (mg/kg)	GRAY TILL (GRAVEL, SAND, SILT AND CLAY w/ SHALE FRAGMENTS)
(1.44) TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION IN GROUNDWATER (ug/L)	CONCRETE
VF VERY FINE	

NOTE:

1. FOR PLAN VIEW LOCATIONS OF CROSS SECTIONS SEE FIGURE 2-1.

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AOC 9 SITE
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DRAWING TITLE: ADDITIONAL AOC 9 PREDESIGN INVESTIGATION CROSS SECTION C-C' VOLATILE ORGANIC COMPOUND CONCENTRATIONS

FIGURE 3-5

4 References

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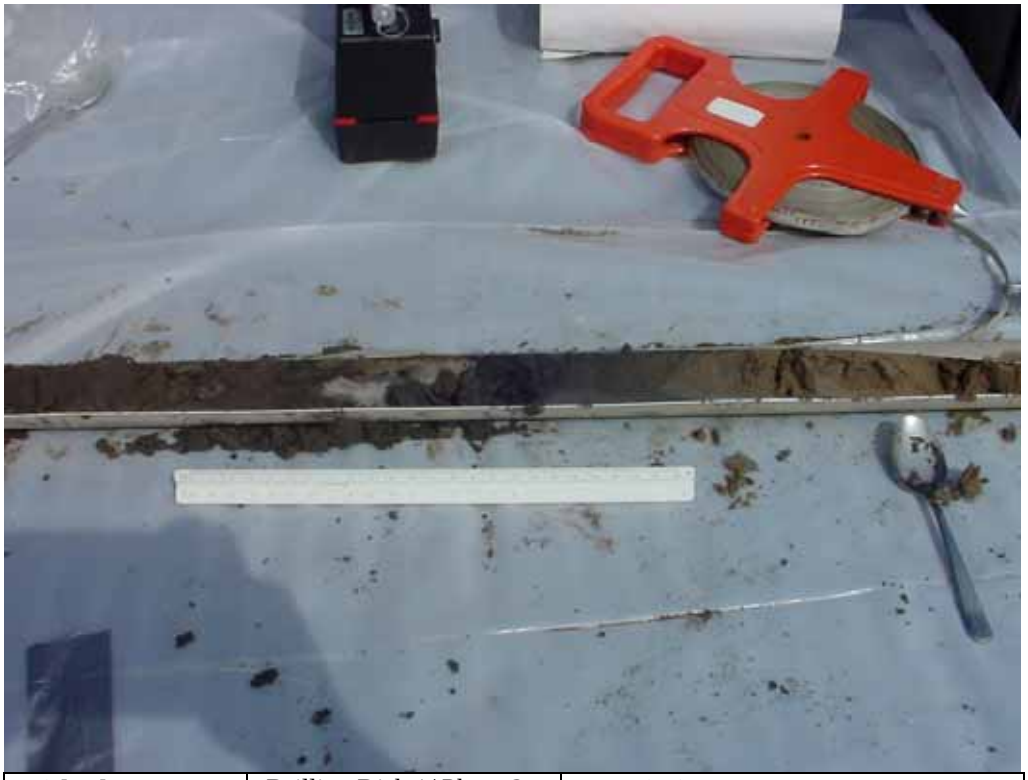
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A Photolog



Disk/Photo No.:	Drilling Disk 1/ Photo 2	**Description:** Soil Boring AOC9-SB01 10' to 15' bgs core. Fine brown sand w/gray layer.
Date:	6/20/07	
Photographer:	RAM	



Disk/Photo No.:	Drilling Disk 1/ Photo 5	**Description:** Soil Boring AOC9-SB01 25' to 28' bgs core. Gray Till.
Date:	6/20/07	
Photographer:	6/20/07	



Disk/Photo No.:	Drilling Disk 2/ Photo 1	**Description:** Soil Boring AOC9-SB03 0' to 5' and 5' to 10' bgs core. Fine brown and fine gray sand, respectively.
Date:	6/21/07	
Photographer:	RAM	



Disk/Photo No.:	Drilling Disk 2/ Photo 2	**Description:** Soil Boring AOC9-SB04 7.7' to 8.6' bgs core. Gray sand w/sheen
Date:	6/21/07	
Photographer:	RAM	



Disk/Photo No.:	Drilling Disk 2/ Photo 5	**Description:** Soil Boring AOC9-SB14 5' to 10' bgs core. Fill materials (sand and gravel).
Date:	6/25/07	
Photographer:	RAM	



Disk/Photo No.:	Test Pit Disk 1/ Photo 4	**Description:** Test Pit TP-1. Side wall, facing north.
Date:	10/16/07	
Photographer:	TRH	



Disk/Photo No.:	Test Pit Disk 1/ Photo 7	**Description:** Test Pit TP-1. Facing NE.
Date:	10/16/07	
Photographer:	TRH	



Disk/Photo No.:	Test Pit Disk 1/ Photo 11	**Description:** Test Pit TP-2. Facing NE.
Date:	10/16/07	
Photographer:	TRH	



Disk/Photo No.:	Test Pit Disk 1/ Photo 15	**Description:** Test Pit TP-2. Facing NE.
Date:	10/16/07	
Photographer:	TRH	



Disk/Photo No.:	Provided by USACE	**Description:** Test Pit TP-3. Cemented Gravel encountered at approximately 6' bgs.
Date:	10/16/07	
Photographer:	D. Nelson	



Disk/Photo No.:	Test Pit Disk 1/ Photo 19	**Description:** Test Pit TP-3. Facing north.
Date:	10/16/07	
Photographer:	TRH	

B Groundwater Sampling Forms

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-LS-GW (VAULT)
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): _____
Final Water Level (feet TOIC): _____
Casing Type: PVC

Sample ID: AOC9-LS-GW
Sample Time: 0943
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 1.80
Well Depth (feet TOIC): _____
Screen Interval (feet BGS): _____
Casing Inner Diameter (inches): _____
Initial OVA Reading (ppm): _____

* Grab Water Sample From Leach Field/AFFF Pond overflow Lift Station adjacent to B917

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	Vol (gal)	Comments
1038	7.83	13.4	312.9	1.80		75	0		

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: ~~Groundwater Treatability Study~~
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW41-GW
Sample Date: 6/11/07
Sampling Device: ~~QED T1200 bladder pump~~
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 13.98
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW41-GW
Sample Time: 1427
Sample Tubing: ~~QED teflon-lined polyethylene~~
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 7.96
Well Depth (feet TOIC): 27.32
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	Vol (gal)	Comments
1403	6.67	15.8	249.7	1000		90	0		
1417	6.83	13.7	357.9	34.3		47	0.50		
1420	6.83	12.8	359.0	9.07		21	1.00		
1423	6.83	12.3	359.3	8.80		7	1.50		
1426	6.92	12.2	360.7	7.96		3	1.55		Purge H_2O = 0.0ppm

meter does NOT READ D.O
water level indicator will not fit w/ tubing

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW42
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): _____
Initial Water Level (Feet TOIC): 4.37
Final Water Level (feet TOIC): _____
Casing Type: PVC

Sample ID: AOC9-TW42-GW
Sample Time: 1227
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 83.9
Well Depth (feet TOIC): 19.95
Screen Interval (feet BGS): _____
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (GAL)	Comments
1205	6.77	17.3	306.3	>1000		-128	0	
1210	7.57	12.8	256.6	842		-142	0.62	
1215	7.78	12.9	259.3	488		-111	1.24	
1220	7.81	13.0	252.3	224		-89	1.86	
1225	7.77	12.4	252.0	83.9		-68	2.48	
								0.0 ppm on purge H2O
								0.0 ppm at wellhead.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: ADC9-TW43
Sample Date: 6/11/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 8.25
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: ADC9-TW43-GW
Sample Time: 1558
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 45.6
Well Depth (feet TOIC): 20.95
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm):

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	Comments
1523	7.17	14.6	413.4	>1000		64	0 gal	
1527	7.20	12.7	367.0	>1000		58	0.50	
1531	7.21	11.6	352.1	667		50	1.00	
1535	7.19	11.6	345.6	305		29	1.50	
1539	7.21	11.7	342.2	134		84	1.55	
1544	7.19	11.3	341.3	87.6		30	2.00	
1547	7.20	11.4	337.3	75.7		30	2.50	
1551	7.21	11.7	338.7	50.1		39	3.00	
1555	7.18	11.5	335.9	45.6		25	3.50	
								Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9 - TW 44
Sample Date: 6/11/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 17.95
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW44-GW
Sample Time: 1800
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 29.0
Well Depth (feet TOIC): 23.68
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	Water Level (ft TOIC) VOL (gal)	Comments
1709	5.65	15.9	259.2	>1000		-31	0	
1712	6.28	10.8	255.9	>1000		-28	0.25	
1715	6.59	10.9	257.8	>1000		-144	0.50	
1718	6.68	10.7	249.7	448		-114	0.75	
1721	6.60	10.3	247.0	131		-99	1.00	
1724	6.62	10.0	243.9	53.4		-93	1.25	
1727	6.63	9.8	242.7	31.3		-92	1.50	
1730	6.66	9.9	242.2	29.0		-95	1.75	
								Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW45-
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 18.00
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW45-GW
Sample Time: 1802
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 19.9
Well Depth (feet TOIC): 24.98
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol Gal	Comments
1736	6.91	13.4	306.2	>1000		-134	①	
1742	6.79	12.2	319.9	>1000		-140	0.25	
1748	6.70	11.4	318.3	379		-111	0.50	
1754	6.68	11.9	314.8	29.8		-101	0.75	
1800	6.66	12.0	313.1	19.9		-99	1.00	
							1.25	
								purge H_2O = 0.0ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW46
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 17.77
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW46-GW
Sample Time: 1108
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs):
Well Depth (feet TOIC): 29.98
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 109.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (gal)	Comments
1034	7.75	12.8	322.5	>1000		-126	0	
1042	7.79	12.2	323.6	582		-69	0.48	
1050	7.74	13.3	331.4	420		-95	0.96	
1058	7.74	13.5	330.3	283		-102	1.44	
1106	7.70	12.7	327.8	110		-91	1.92	
								0.0 ppm on purge H2O and well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW47-
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 15.62
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW47-GW (MS/MSD)
Sample Time: 1008
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 30.0
Well Depth (feet TOIC): 20.08
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ Vol (ft TOIC) Gal	Comments
0928	8.01	10.5	217.6	>1000		7	0	
0934	7.52	9.1	177.5	>1000		9	0.50	
0940	7.38	8.9	166.1	279		20	0.75	
0946	7.31	9.2	168.6	203		53	1.00	
0952	7.18	8.7	170.5	71.2		42	1.25	
0958	7.11	8.9	171.8	63.4		33	1.50	
1003	7.08	9.0	173.0	55.1		24	1.75	
1006	7.14	9.1	175.3	30.0		33	2.00	
								Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW48
Sample Date: 6/20/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.45
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW48-GW
Sample Time: 1838
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 31.1
Well Depth (feet TOIC): 24.84
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 3.20 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ VOL GAL	Comments
1808	7.73	11.9	402.0	>1000		-107	0	
1815	7.72	11.7	397.7	>1000		-111	0.53	
1822	7.60	11.9	443.7	1000		-125	1.06	
1829	7.72	11.6	382.5	114		-87	1.59	
1836	7.65	11.7	383.9	31.1		-80	2.12	

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW49
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 17.42
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW49-GW
Sample Time: 1007
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 524
Well Depth (feet TOIC): 29.99
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 39.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level~~ (ft TOIC)	Vol (GAL)	Comments
0945	7.48	12.6	409.1	>1000		-109	0		
0950	7.37	10.9	341.7	1000		-142	0.50		
0955	7.35	11.1	309.3	1000		-140	1.00		
1000	7.33	11.5	326.6	932		-136	1.50		
1005	7.31	11.3	319.1	524		-133	2.00		
									0.0 ppm on purge H2O + at well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW51
Sample Date: 6/20/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.35
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW51-GW
Sample Time: 1752
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 109
Well Depth (feet TOIC): 24.84
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 5.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL (GAL)	Comments
1730	7.70	11.1	405.1	>1000		-127	①		
1735	7.71	11.2	406.3	>1000		-100	0.57		
1740	7.66	10.9	407.2	1000		-95	② 1.14		
1745	7.70	10.7	407.8	264		-87	1.71		
1750	7.67	10.9	407.0	109		-84	2.28		

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW52
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 8.32
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW52-GW
Sample Time: 1712
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 37.9
Well Depth (feet TOIC): 22.91
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (gal)	Comments
1647	7.55	13.7	384.5	>1000		-101	0	
1650	7.58	12.5	371.6	>1000		-133	0.50	
1654	7.58	13.3	360.0	>1000		-147	1.00	
1658	7.55	14.5	374.1	1000		-113	1.50	
1702	7.54	14.0	368.6	149		-103	2.00	
1706	7.55	13.8	365.5	52.5		-95	2.50	
1710	7.52	13.5	364.7	37.9		-100	3.00	
								Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW54
Sample Date: 6/15/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 4.98
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW54-GW
Sample Time: 1127
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 117
Well Depth (feet TOIC): 20.03
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 187.7

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (ga)	Comments
1100	7.96	13.7	239.9	>1000		-130	0	187.7 ppm At Well head.
1106	7.95	12.5	234.5	>1000		-152	0.60	
1112	7.86	11.7	233.0	623		-135	1.20	
1118	7.82	11.8	233.2	309		-96	1.80	
1124							2.40	
								0.0 ppm on purge H2O at Well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW54B
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.27
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW54B-GW
Sample Time: 1242
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 63.3
Well Depth (feet TOIC): 25.00
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 115.7 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL GAL Comments
1220	7.55	14.7	374.7	>1000	~~14.96~~	-164	Ø	
1225	7.64	12.1	387.6	>1000	6/19/07	-203	0.58	
1230	7.52	11.7	377.0	150		-155	1.16	
1235	7.50	11.9	377.2	99.8		-131	1.74	
1240	7.49	12.4	372.1	63.3		-137	2.32	
								0.0 ppm on purge H2O & well head.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW56
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 7.97
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW56-GW
Sample Time: 0937
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 76.3
Well Depth (feet TOIC): 24.49
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 36.5

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	VOL (GAL)	Comments
0903	6.69	11.4	327.5	>1000		-135	ⓓ		36 ppm at 15' BGS
0911	7.61	10.5	309.4	914		-141	0.66		Pull rods drive bar down to 25' BGS
0919	7.49	10.6	306.3	187		-100	1.32		
0927	7.34	10.3	302.3	105		-79	1.98		20 ppm BGS w/ PID
0935	7.37	10.3	302.1	76.3		-80	2.64		Reading 36.5 ppm at well head.
									Purge H_2O = 0.0 ppm
									Decon H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW56R
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 7.88
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW56R-GW
Sample Time: 1953
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 550
Well Depth (feet TOIC): 24.49
Screen Interval (feet BGS): 5
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 35.1 ppm

*TW ReSampled w/Bailer For Comparison w/Per. Pump Results

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	Vol (gal)	Comments
1915	7.59	13.2	345.6	>1000		-104	0		
1924	7.69	11.2	316.6	>1000		-84	0.66		
1933	7.84	11.4	317.5	>1000		-101	1.32		
1942	7.72	11.8	313.8	>1000		-79	1.98		
1951	7.71	11.5	295.3	>1000		-88	2.64		

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW57
Sample Date: 6/15/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.35
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW57-GW
Sample Time: 1032
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 31.3
Well Depth (feet TOIC): 25.12
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	Vol (gal)	Comments
1010	7.64	13.8	374.7	>1000		-168	①		
1015	7.68	12.1	334.6	>1000		-196	0.55		
1020	7.66	12.3	337.5	>1000		-175	1.10		
1025	7.68	12.6	339.3	54.5		-113	1.65		
1030	7.61	12.7	339.1	31.3		-156	2.20		0.0 ppm on purge H_2O @ well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW58
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.78
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW58-GW
Sample Time: 1657
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 15.0
Well Depth (feet TOIC): 25.04
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 66 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL GAL Comments
1635	7.82	15.6	327.9	>1000		-208	CD	66.0 ppm AT
1640	7.80	11.7	343.1	1000		-191	0.61	well head.
1645	7.78	11.4	314.5	57.5		-158	1.22	
1650	7.75	11.6	315.8	16.7		-143	1.83	
1655	7.74	11.2	313.9	15.0		-142	2.44	
								purge H_2O = 0.0 ppm
								0.0 ppm AT well head
								upon completion.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW59
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.43
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW59-GW
Sample Time: 1107
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 54.8
Well Depth (feet TOIC): 25.09
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 25.6 ~~0.0~~ ppm 6/14/07

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	VOC (ppm) Comments
1041	7.81	10.7	319.0	>1000		-128	0	25.6 ppm at well
1047	7.78	10.4	313.2	>1000		-194	0.62	head, 0 ppm at
1053	7.72	10.2	296.9	152		-186	1.24	well head After
1059	7.69	10.3	296.0	92.6		-174	1.86	sampling.
1105	7.68	10.2	295.4	54.8		-166	2.48	
								purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW60
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.25
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW60-GW (MS/MSD)
Sample Time: 1417
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 40.2
Well Depth (feet TOIC): 25.11
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 1.1 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ VOL Gal	Comments
1355	7.60	13.4	284.9	>1000		-221	①	1.1 ppm At wellhead
1400	7.48	10.9	288.1	223		-138	0.55	
1405	7.32	11.5	291.8	192		-127	1.10	
1410	7.31	11.3	294.5	72.9		-110	1.65	
1415	7.26	11.5	293.6	40.2		-113	2.20	
								Purge H_2O = 0.0ppm
								~~0.0 ppm~~ At
								4/14 0717 wellhead

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW61
Sample Date: 6/13/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.64
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW61-GW
Sample Time: 1620
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 19.9
Well Depth (feet TOIC): 27.94
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	Vol gal Comments
1510	8.01	18.2	239.5	>1000		-139	0	
1522	8.12	15.4	243.3	>1000		-247	0.65	
1530	8.00	14.9	238.7	1000		-227	1.30	
1538	7.94	13.9	234.1	482		-178	1.95	
1546	7.95	14.8	233.7	257		-189	2.60	
1554	7.93	15.2	234.2	131		-169	3.25	
1602	7.89	14.9	235.0	52.0		-145	3.90	
1610	7.90	15.0	233.4	34.8		-122	4.55	
1618	7.93	14.0	231.5	19.9		-132	5.20	
								Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW62
Sample Date: 6/13/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.89
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW62-GW
Sample Time: 1242
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 48.7
Well Depth (feet TOIC): 28.27
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL (GAL)	Comments
1132	8.01	18.7	234.7	>1000		-163	0		
1142	7.92	13.6	219.7	>1000		-218	0.65		
1152	7.94	13.6	212.3	1000		-200	1.30		
1202	7.90	14.4	210.6	1000		-199	1.95		
1212	7.88	13.7	207.7	204		-155	2.60		
1219	7.93	14.4	208.2	186		-156	3.25		
1226	7.94	14.9	207.3	114		-144	3.90		
1233	7.90	14.3	207.5	66.9		-137	4.55		
1240	7.95	14.4	206.9	48.7		-145	5.20		
									purge H2O = 0.0 ppm.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC 9-TW65
Sample Date: 6/13/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 13.29
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW65-GW
Sample Time: 0952
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 31.8
Well Depth (feet TOIC): 28.14
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (Gal)	Comments
0910	7.82	13.9	248.2	>1000		-106	(1)	
0915	7.66	11.4	248.9	>1000		-86	0.50	
0920	7.59	11.7	239.1	1000		-39	1.00	
0925	7.54	11.7	234.9	829		-20	1.50	6/13/07
0930	7.55	11.5	234.6	462		-13	2.00	
0935	7.53	11.4	230.5	237		-11	2.50	
0940	7.54	11.8	227.6	95.4		-9	3.00	
0945	7.55	11.9	226.5	58.7		1	3.50	
0950	7.53	11.6	226.0	31.8		0	4.00	
								purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW66
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 12.65
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW66-GW
Sample Time: 1605
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 218
Well Depth (feet TOIC): 25.00
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL GAL Comments
1543	7.74	14.5	266.7	>1000		-117	0	
1548	7.67	12.2	234.2	508		-66	0.49	
1553	7.60	12.0	236.6	465		-106	0.98	
1558	7.61	12.5	233.3	316		-78	1.47	
1603	7.58	12.4	229.7	218		-44	1.96	

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW67
Sample Date: 6/13/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.78
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW67-GW + AOC9-TW67-GW/D
Sample Time: 0837
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 185
Well Depth (feet TOIC): 25.04
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (gal)	Comments
0820	6.69	12.4	239.8	>1000		67	0	
0827	7.36	9.9	214.3	>1000		19	0.50	
0831	7.35	10.1	212.0	703		21	1.00	
0833	7.41	10.0	210.6	358		30	1.50	
0835	7.43	9.9	210.0	185		35	2.00	
								Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW 68
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 12.28
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW68-GW
Sample Time: 1203
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 48.9
Well Depth (feet TOIC): 24.99
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ VOL (mg/L)	ORP (mV)	~~Water Level~~ GAL (ft TOIC)	Comments
1130	7.49	15.7	547.9	>1000		-221	①	
1135	7.50	13.0	544.6	>1000		-266	0.50	
1140	7.49	13.9	542.6	>1000		-286	1.00	
1145	7.46	11.9	542.1	>1000		-207	1.50	
1150	7.40	11.7	542.0	481		-203	2.00	
1155	7.31	11.8	541.9	170		-176	2.50	
1200	7.29	11.6	539.9	48.9		-180	2.75	
								Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW69
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 7.40
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW69-GW
Sample Time: 1406
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 74.9
Well Depth (feet TOIC): 24.95
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ VOL (gal)	Comments
1308	7.68	13.2	331.5	>1000		-147	0	
1317	7.87	11.7	293.2	>1000		-263	0.75	
1325	7.93	15.7	281.6	>1000		-276	1.00	
1334	7.80	13.3	298.8	>1000		-213	1.75	
1343	7.69	11.7	289.5	254		-101	2.25	
1350	7.65	11.2	289.3	220		-181	2.50	
1357	7.62	11.3	290.7	154		-180	2.75	
1404	7.64	11.6	292.0	74.9		-178	3.00	
								purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW70
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 12.17
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW70-GW
Sample Time: 1622
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 144
Well Depth (feet TOIC): 22.45
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	Vol gal	Comments
1538	7.48	16.5	483.3	>1000		-175	①		
1545	7.41	15.9	475.9	>1000		-213	0.50		
1552	7.26	15.6	481.2	>1000		-195	1.00		
1559	7.27	15.0	483.0	>1000		-199	1.50		
1606	7.23	15.1	479.6	948		-167	2.00		
1613	7.18	15.2	476.4	255		-149	2.50		
1620	7.17	14.7	477.9	144		-144	3.00		
									purge H_2O = 0.0 ppm

3-23 6/12/07 jcl

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW71
Sample Date: 6/12/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 7.22
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW71-GW
Sample Time: 1506
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 28.8
Well Depth (feet TOIC): 17.97
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (gal)	Comments
1410	7.29	20.6	521.5	>1000		-200	0	
1419	7.12	14.0	527.6	>1000		-187	0.50	
1428	7.04	12.5	511.4	>1000		-172	1.00	
1437	7.00	13.4	514.0	>1000		-168	1.50	
1446	6.98	13.7	521.6	334		-138	2.00	
1455	6.99	13.5	511.4	65.6		-134	2.50	
1504	7.00	13.3	508.9	28.8		-123	3.00	
								Purge H_2O = 0.0ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW72-
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 7.82
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW72-GW
Sample Time: 1604
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 137
Well Depth (feet TOIC): 20.10
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 53 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level~~ Vol (GAL) (ft TOIC)	Comments
1546	7.88	11.8	367.2	>1000		-229	0	53 ppm At well head
1550	7.54	10.6	342.4	>1000		-96	0.49	
1554	7.27	10.0	340.5	1000		-65	0.98	
1558	7.32	10.2	342.1	253		-53	1.47	
1602	7.28	10.3	344.3	137		-64	1.96	
								Purge H_2O = 0.0 ppm
								0.0 ppm At well head.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW72
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): _____
Initial Water Level (Feet TOIC): 7.84
Final Water Level (feet TOIC): _____
Casing Type: PVC

Sample ID: AOC9-TW72R-GW
Sample Time: 1908
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): >1000
Well Depth (feet TOIC): 20.10
Screen Interval (feet BGS): _____
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

*Re-Sampled w/ bailer for Comparison

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	Water Level (ft TOIC)	VOL (GAL)	Comments
1842	7.33	11.4	346.7	>1000		-155	0		
1850	7.40	11.0	345.0	>1000		-168	0.49		
1858	7.42	10.8	347.6	>1000		-135	0.98		
1906	7.34	10.4	338.7	>1000		-95	1.47		
									purge H2O 0.0 ppm
									Wellhead 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW73
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.43
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW73-GW
Sample Time: 1529
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 21.9
Well Depth (feet TOIC): 25.04
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 173 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL (GAL) Comments
1455	7.63	14.7	351.1	>1000		-104	①	173 ppm At wellhead
1503	7.64	11.4	337.8	740		-119	0.62	0.0 ppm at wellhead
1511	7.63	12.0	338.0	101	-72→ ~~101~~		1.24	when completed
1519	7.61	11.3	338.5	54.2	-70→ ~~52.4~~		1.80	
1527	7.62	11.2	338.4	21.9	-72→ ~~21.9~~		2.40	
								purge with = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW74
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 5.43
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW74-GW
Sample Time: 1822
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 58.7
Well Depth (feet TOIC): 20.12
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 79 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ VOL (gal)	Comments
1800	8.08	11.6	237.7	>1000		-297	0	79 ppm AT well head
1805	7.52	10.6	242.5	>1000		-75	0.58	
1810	7.23	10.8	236.9	486		-22	1.16	
1815	7.21	10.9	236.8	76.0			1.74	
1820	7.17	10.7	236.5	58.7			2.32	
								0.0 ppm on purge H2O
								0.0 ppm AT well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW75
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 7.50
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW75-GW
Sample Time: 1757
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 19.5
Well Depth (feet TOIC): 23.22
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 289

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	VOL (gal)	Comments
1723	8.42	14.6	189.7	>1000		-337	0		289 ppm At well head
1731	8.39	13.7	200.6	1000		-215	0.62		
1739	7.37	13.0	257.9	57.9		-62	1.24		
1747	7.29	10.5	247.6	26.3		-45	1.86		
1755	7.23	10.1	246.4	19.5		-36	2.48		
									Purge H_2O = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW76
Sample Date: 6/15/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.55
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW76-GW
Sample Time: 0814
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 120
Well Depth (feet TOIC): 24.95
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 15 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	Vol (gal)	Comments
0748	6.54	10.9	550.1	>1000		-136	0		15 ppm At wellhead
0754	7.31	10.1	280.8	>1000		-108	0.61		
0800	7.28	9.8	266.3	294		-56	1.22		
0806	7.15	9.9	268.8	176		-32	1.83		
0812	7.13	10.1	265.4	120		-43	2.44		
									0.0 ppm on purge water and at well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW77-
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.59
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: ~~AOC~~ 9cm 6/14/07 AOC9-TW77-GW & AOC9-TW77-GW/D
Sample Time: 1237
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 60.9
Well Depth (feet TOIC): 24.09
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 8.3 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	DO (mg/L)	ORP (mV)	Water Level (ft TOIC)	Comments
1215	7.15	12.3	316.0	>1000		-163	Ø	8.3 ppm at well head.
1220	7.17	12.0	304.7	405		-124	0.58	
1225	7.01	11.7	299.6	213		-102	1.16	
1230	6.95	11.4	292.5	155		-99	1.74	
1235	6.94	11.7	290.9	60.9		-89	2.32	
								Purge H_2O = 0.0 ppm
								READING AT well
								head = 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW79
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.49
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW79-GW
Sample Time: 1158
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 23.6
Well Depth (feet TOIC): 25.04
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 26.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL (GAL)	Comments
1132	7.77	13.1	232.9	>1000		-187	①		
1138	7.50	11.9	203.2	1000		-142	0.62		26.0 ppm at well HEAD
1144	7.43	11.4	193.8	296		-88	1.24		
1150	7.29	11.6	191.6	58.9		-69	1.86		
1156	7.16	11.5	190.6	23.6		-50	2.48		
									purge water = 0.0 ppm
									0.0 ppm at well Head during Sampling

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW80
Sample Date: 6/14/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.85
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW80-GW
Sample Time: 1022
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs):
Well Depth (feet TOIC): 25.04
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 56.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	VOL (GAL)	Comments
1000	7.70	11.4	288.1	>1000		-80	0		56.0 ppm AT WELL HEAD
1005	7.81	10.1	306.9	>1000		-97	0.60		
1010	7.69	9.9	288.6	758		-60	1.20		
1015	7.65	10.0	284.9	479		-41	1.80		
1020	7.68	9.9	281.3	150		-39	2.40		
									purge H_2O = 0.0 ppm
									READING AT WELLHEAD AT END 0.0 ppm

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW81
Sample Date: 6/15/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.80
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW81-GW + AOC9-TW81-GW/D
Sample Time: 0947
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 14.2
Well Depth (feet TOIC): 24.94
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Duplicate

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	VOL GAL Comments
0925	7.59	10.2	266.9	>1000		-91	①	
0930	7.56	9.2	242.1	207		-88	0.52	
0935	7.48	9.4	236.6	28.2		-26	1.04	
0940	7.49	9.1	236.1	19.2		-17	1.56	
0945	7.44	9.2	235.7	14.2		-15	2.08	
								0.0 ppm on purge H_2O and well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW82
Sample Date: 6/15/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.72
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW82-GW
Sample Time: 0901
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 113
Well Depth (feet TOIC): 24.88
Screen Interval (feet BGS):
Casing Inner Diameter (inches):
Initial OVA Reading (ppm): 61 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	VOL (GAL) Comments
0839	7.66	10.5	227.1	>1000		-96	0	61 ppm at well
0844	7.67	10.7	213.3	>1000		-52	0.52	head.
0849	7.62	10.4	213.9	391		-28	1.04	
0854	7.60	10.3	211.2	169		-20	1.56	
0859	7.58	10.4	210.9	113		-22	2.08	
								0.0 ppm on purge hose
								and well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW83
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.05
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW83-GW
Sample Time: 1309
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 52
Well Depth (feet TOIC): 25.00
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ VOL (gal)	Comments
1247	7.62	13.9	403.2	>1000		-64	0	
1252	7.60	12.2	389.9	1000		-93	0.59	
1257	7.62	11.7	389.0	396		-73	1.18	
1302	7.60	11.4	388.2	100		-54	1.77	
1307	7.58	11.5	387.6	52		-56	2.36	
								0.0 ppm on purge H2O & well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW84
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.35
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW84-GW
Sample Time: 1412
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 32.7
Well Depth (feet TOIC): 24.99
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 2.2ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL (GAL)	Comments
1350	7.67	14.4	402.5	>1000		-142	0		
1355	7.64	12.4	386.5	>1000		-89	0.58		
1400	7.54	11.4	390.2	97.5		-38	1.16		
1405	7.53	11.2	388.1	42.9		-19	1.74		
1410	7.55	11.1	387.6	32.7		-8	2.32		
									0.0 ppm on purge H_2O + well head.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW85
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.49
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW85-GW
Sample Time: 1449
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 41.4
Well Depth (feet TOIC): 24.95
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 11.8 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	Vol (gal)	Comments
1427	7.49	12.7	455.7	>1000		-88	0		
1432	7.44	12.2	467.2	383		-57	0.57		
1437	7.43	12.0	461.0	100		-43	1.14		
1442	7.46	12.1	457.7	49.7		-37	1.71		
1447	7.45	11.8	458.2	41.4		-36	2.28		
									0.0 ppm on purge H_2O @ well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW86
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.85
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW86-GW MS/MSD
Sample Time: 0837
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 48.5
Well Depth (feet TOIC): 24.99
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 15 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ VOL (GAL)	Comments
0758	6.86	11.3	458.0	>1000		-99	0	
0807	7.47	10.6	444.2	710		-99	0.56	
0816	7.47	11.7	450.1	511		-90	1.12	
0825	7.48	11.2	447.2	147		-80	1.68	
0834	7.46	11.3	448.5	48.5		-66	2.24	
								0.0 ppm At wellhead and purge H_2O

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW87
Sample Date: 6/18/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 12.40
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW87-GW
Sample Time: 1527
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs):
Well Depth (feet TOIC): 25.00
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	Vol (gal)	Comments
1505	7.54	15.5	336.8	>1000		-47	0		
1510	7.45	11.4	246.3	503		-57	0.50		
1515	7.32	11.5	246.6	330		-28	1.00		
1520	7.19	11.3	237.9	186		-19	1.50		
1525							2.00		
									0.0 ppm on purge H2O and at wellhead.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW88
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.34
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW88-GW
Sample Time: 0929
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 19.0
Well Depth (feet TOIC): 24.97
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 2.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ Vol (GAL) (ft TOIC)	Comments
0855	7.87	11.7	255.0	>1000		-162	0	
0903	7.82	10.3	243.9	>1000		-110	0.58	
0911	7.83	10.6	245.3	81.4		-70	1.16	
0919	7.81	10.4	245.1	24.9		-61	1.74	
0927	7.84	10.5	246.3	19.0		-43	2.32	
								0.0 ppm on purge H2O and at well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW89
Sample Date: 6/21/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.50
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW89-GW
Sample Time: 0747
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 369
Well Depth (feet TOIC): 23.00
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 2.20 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	Comments
0725	7.08	12.5	343.1	>1000		-94	CD	
0730	7.86	10.0	231.2	>1000		-52	0.50	
0735	7.62	9.7	220.3	637		-21	1.00	
0740	7.59	9.6	218.5	415		-19	1.50	
0745	7.50	9.7	216.3	369		-15	2.00	
								0.0 ppm on purge H_2O + well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW9D
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 5.04
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW9D-GW
Sample Time: 1803
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 172
Well Depth (feet TOIC): 19.82
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 10.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (GAL)	Comments
1733	8.21	11.8	210.5	>1000		-259	0	
1740	8.02	12.2	200.1	>1000		-87	0.59	
1747	7.95	12.0	199.8	305		-72	1.18	
1754	7.94	12.1	199.4	283		-74	1.77	
1801	7.95	11.8	198.9	172		-57	2.36	
								0.0 ppm on purge H_2O & well head.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW 91
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 4.24
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW 91-GW
Sample Time: 1729
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 20.5
Well Depth (feet TOIC): 19.82
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 21.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~ Vol (gal)	Comments
1655	8.30	12.6	227.6	>1000		-233	0	
1703	9.36	11.8	217.0	>1000		-304	0.62	
1711	8.24	12.2	218.1	131		-168	1.24	
1719	8.25	11.9	217.3	38.2		-191	1.86	
1727	8.22	11.5	216.6	20.5		-158	2.48	
								0.0 ppm on purge H2O + well head

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW92
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 12.77
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW92-GW
Sample Time: 1456
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 223
Well Depth (feet TOIC): 24.99
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	VOL (GAL)	Comments
1422	7.69	12.9	323.8	>1000		-25	~~0~~		
1430	7.74	11.9	292.4	812		-63	0.48		
1438	7.73	11.1	287.2	699		-65	0.96		
1446	7.74	10.9	288.6	406		-58	1.44		
1454	7.76	10.6	288.7	223		-59	1.92		0.0 ppm on purge H_2O @ wellhead

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW93
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 12.65
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW93-GW
Sample Time: 1617
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 33.7
Well Depth (feet TOIC): 24.84
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	Vol (GAL) Comments
1547	7.66	10.4	389.9	>1000		-48	0	
1554	7.56	9.8	395.5	285		-64	0.48	
1601	7.64	9.6	398.6	115		-65	0.96	
1608	7.60	9.3	395.3	65.6		-62	1.44	
1615	7.63	9.8	395.9	33.7		-58	1.92	
								0.0 ppm on purge H_2O + well head.

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW94
Sample Date: 6/19/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.97
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW94-GW
Sample Time: 1542
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 177
Well Depth (feet TOIC): 24.82
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 0.0ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water~~ Level (ft TOIC)	Vol (gal)	Comments
1512	7.56	10.4	483.4	>1000		-55	0		
1519	7.52	10.2	472.4	>1000		-61	0.51		
1526	7.55	10.3	469.1	870		-48	1.02		
1533	7.59	10.0	470.0	299		-40	1.53		
1540	7.57	10.2	469.3	177		-38	2.04		
									0.0ppm on purge
									H_2O @ well head 0

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW95
Sample Date: 6/20/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 14.02
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW95-GW
Sample Time: 1531
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 1000
Well Depth (feet TOIC): 22.94
Screen Interval (feet BGS):
Casing Inner Diameter (inches):
Initial OVA Reading (ppm): 0.0 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO (mg/L)~~	ORP (mV)	~~Water Level (ft TOIC)~~	VOL (GAL)	Comments
1441	7.47	14.5	334.7	>1000		-162	0		
1453	7.37	13.5	349.6	>1000		-90	0.35		
1505	7.47	13.3	344.6	>1000		-68	0.70		
1517	7.52	13.2	345.1	1000		-26	1.05		
1529	7.46	13.3	345.2	1000		-48	1.40		
									0.0 ppm on purge H2O @ wellhead

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW96
Sample Date: 6/20/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 11.50
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW96-GW
Sample Time: 1633
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 94.5
Well Depth (feet TOIC): 21.95
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1"
Initial OVA Reading (ppm): 2.2 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	Vol (GAL)	Comments
1555	7.38	13.2	379.7	>1000		-176	0		
1604	7.34	10.8	365.8	>1000		-126	0.41		
1613	7.25	10.7	360.7	338		-101	0.82		
1622	7.06	11.5	360.3	201		-97	1.23		
1631	7.09	11.8	360.7	94.5		-90	1.64		
									0.0 ppm on purge Hose + Wellhead

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Figure 3-4

Groundwater Sample Log

Project: Groundwater Treatability Study
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW97
Sample Date: 6/20/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 8.55
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW97-GW
Sample Time: 1707
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 472
Well Depth (feet TOIC): 19.82
Screen Interval (feet BGS):
Casing Inner Diameter (inches):
Initial OVA Reading (ppm): 250 ppm

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	~~DO~~ (mg/L)	ORP (mV)	~~Water Level~~ (ft TOIC)	VOL (GAL)	Comments
1645	7.22	12.0	379.3	>1000		-166	0		
1650	7.42	10.5	379.0	879		-123	0.45		
1655	7.49	10.4	356.5	802		-120	0.90		
1700	7.44	10.6	362.6	708		-126	1.35		
1705	7.40	10.9	364.2	472		-131	1.80		
									0.0 ppm on purge H2O + wellhead

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Groundwater Sample Log

Project: GRIFFISS AFB OBGW
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW98
Sample Date: 9/24/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 14.10 BGS
Final Water Level (feet TOIC): _____
Casing Type: PVC

Sample ID: AOC9-TW98-GW
Sample Time: 1307
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 9.12
Well Depth (feet TOIC): 17.30 BGS
Screen Interval (feet BGS): _____
Casing Inner Diameter (inches): 1
Initial OVA Reading (ppm): 0.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	DO (mg/L)	ORP (mV)	Water Level (ft TOIC)	DO (%)	Comments	Flow Rate (mL/min)	VOL GAL
1245	6.71	17.3	462.6	>1000	-	42	-	-		-	0
1250	6.98	15.1	437.3	667	-	-68	-	-		-	.25
1255	7.05	15.10	429.6	23.2	-	-52	-	-		-	.50
1300	7.06	15.4	426.5	12.1	-	-54	-	-		-	1.0
1305	7.10	15.2	424.8	9.12	-	-50	-	-		-	1.5

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Groundwater Sample Log

Project: GRIFFISS AFB OBGW
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW99
Sample Date: 9/24/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 13.53 BGS
Final Water Level (feet TOIC): _____
Casing Type: PVC

Sample ID: AOC9-TW99-GW
Sample Time: 1342
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 13
Well Depth (feet TOIC): 17.38 BGS
Screen Interval (feet BGS): _____
Casing Inner Diameter (inches): 1
Initial OVA Reading (ppm): 0.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	DO (mg/L)	ORP (mV)	Water Level (ft TOIC)	DO (%)	Comments	Flow Rate (mL/min)	VOL (gal)
1319	7.15	17.6	444.7	>1000	-	-12	-	-		-	0
1324	7.30	15.3	425.1	112	-	-2	-	-		-	.25
1329	7.32	15.5	422.0	20	-	16	-	-		-	.50
1334	7.35	15.4	422.1	21	-	31	-	-		-	1.0
1339	7.33	15.2	428.7	13	-	61	-	-		-	1.5

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Groundwater Sample Log

Project: GRIFFISS AFB OBGW
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW100
Sample Date: 9/24/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.27
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW100-GW
Sample Time: 1628
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 99
Well Depth (feet TOIC): 13.79
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1
Initial OVA Reading (ppm): 0.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	DO (mg/L)	ORP (mV)	Water Level (ft TOIC)	DO (%)	Comments	Flow Rate (mL/min)	VOL GAL
1600	6.61	21.5	633.7	>1000	-	-114	-	-		-	0
1603	6.57	19.1	626.9	>1000	-	-170	-	-		-	.25
1606	6.55	19.0	624.7	572	-	-145	-	-		-	.50
1609	6.53	18.8	620.6	391	-	-146	-	-		-	1.0
1612	6.57	18.9	624.2	222	-	-142	-	-		-	1.5
1615	6.57	18.9	624.7	114	-	-139	-	-		-	2.0
1618	6.56	18.8	623.9	103	-	-133	-	-		-	2.5
1621	6.57	18.7	624.7	99	-	-140	-	-		-	3.0

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Groundwater Sample Log

Project: GRIFFISS AFB OBGW
Site: Former Griffiss Air Force Base
Well No.: A009-TW101
Sample Date: 9/24/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.1 BGS
Final Water Level (feet TOIC): _____
Casing Type: PVC

Sample ID: A009-TW101-GW
Sample Time: 1544
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 15
Well Depth (feet TOIC): 13.63 BGS
Screen Interval (feet BGS): _____
Casing Inner Diameter (inches): 1
Initial OVA Reading (ppm): 0.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	DO (mg/L)	ORP (mV)	Water Level (ft TOIC)	DO (%)	Comments	Flow Rate (mL/min)	VOL GAL
1530	7.81	14.5	237.5	>1000	-	-46	-	-		-	0
1533	7.75	13.7	241.4	>1000	-	-51	-	-		-	.25
1536	7.72	13.6	246.4	222	-	-88	-	-		-	.50
1539	7.69	13.4	245.9	33	-	-106	-	-		-	1.0
1542	7.70	13.5	245.6	15	-	-110	-	-		-	1.5

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Groundwater Sample Log

Project: GRIFFISS AFB OBGW
Site: Former Griffiss Air Force Base
Well No.: A0C9-TW102
Sample Date: 9/24/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 9.90
Final Water Level (feet TOIC): _____
Casing Type: PVC

Sample ID: A0C9-TW102-GW
Sample Time: 1517
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 15
Well Depth (feet TOIC): 13.20 BGS
Screen Interval (feet BGS): _____
Casing Inner Diameter (inches): 1
Initial OVA Reading (ppm): 0.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	DO (mg/L)	ORP (mV)	Water Level (ft TOIC)	DO (%)	Comments	Flow Rate (mL/min)	VOL GAL
1504	7.63	18.8	408.3	>1000	-	-260	-	-		-	0
1507	7.51	16.4	378.2	164	-	-149	-	-		-	.25
1510	7.44	14.0	375.1	14	-	-107	-	-		-	.50
1513	7.43	16.1	373.4	19	-	-99	-	-		-	1.0
1516	7.41	15.9	373.6	15	-	-88	-	-		-	1.5

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

Groundwater Sample Log

Project: GRIFFISS AFB OBGW
Site: Former Griffiss Air Force Base
Well No.: AOC9-TW103
Sample Date: 9/24/07
Sampling Device: QED T1200 bladder pump
Alkalinity (mg/L as $CaCO_3$): NA
Ferrous Iron (mg/L): NA
Initial Water Level (Feet TOIC): 10.0 BGS
Final Water Level (feet TOIC):
Casing Type: PVC

Sample ID: AOC9-TW103-GW
Sample Time: 1453
Sample Tubing: QED teflon-lined polyethylene
Phenolphthalein Alkalinity (mg/L): NA
Sample Turbidity (NTUs): 12
Well Depth (feet TOIC): 13.71 BGS
Screen Interval (feet BGS):
Casing Inner Diameter (inches): 1
Initial OVA Reading (ppm): 0.0

Time	pH	Temperature (°C)	Conductivity (µs/cm)	Turbidity (NTUs)	DO (mg/L)	ORP (mV)	Water Level (ft TOIC)	DO (%)	Comments	Flow Rate (mL/min)	Vol gal
1435	7.14	21.0	343.8	>1000	-	-43	-	-		-	0
1439	7.12	17.0	336.2	39	-	-57	-	-		-	.25
1443	7.13	16.3	333.8	25	-	-47	-	-		-	.50
1447	7.22	16.0	327.4	16	-	-31	-	-		-	1.0
1451	7.19	16.1	326.7	12	-	-23	-	-		-	1.5

Key:
BGS = Below ground surface.
°C = Degrees centigrade.
$CaCO_3$ = Calcium carbonate.
DO = Dissolved oxygen.
mg/L = Milligrams per liter
mV = Millivolts.
NTU = Nephelometric turbidity unit.
ORP = Redox potential.
ppm = Parts per million.
PVC = Polyvinyl chloride.
TOIC = Top of inner (PVC) casing.

C Monitoring Well and Well Development Logs

CLIENT: USACE / Parsons

JOB NUMBER: 002275.PT04.20

SITE NAME: AOC 9 PDI (Additional)

DRILLER: Kirk Shoen, Zebra

LOCATION: CITY/TOWN: Former GAFB/Rome NY

STATE: NY

PROJECT MANAGER: Bob Meyers

FIELD TEAM LEADERS: Bob Meyers /

SITE SAFETY OFFICER(S): Jim Mays /

TEAM MEMBERS:

JOB START/FINISH DATE: Soil Borings began 6-20-07 /

BOOK 1 OF

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AIRBORNE EXPRESS: (716) 685-5040

PROJECT/CLIENT CONTACT(S)	AFFILIATION	PHONE
Phil Rosewicz	USACE	816-389-3902
		716-998-3485 cell
John Lanier	Parsons	716-541-0751 ofc.

For inquires regarding the distribution, scope, and/or organization of the Geotechnical Logbook please contact: Manager, Environmental Services Division, Buffalo Corporate Office. Your comments and suggestions are welcomed and will be considered in future revisions.

Borehole Record for AOC 9-SB01

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

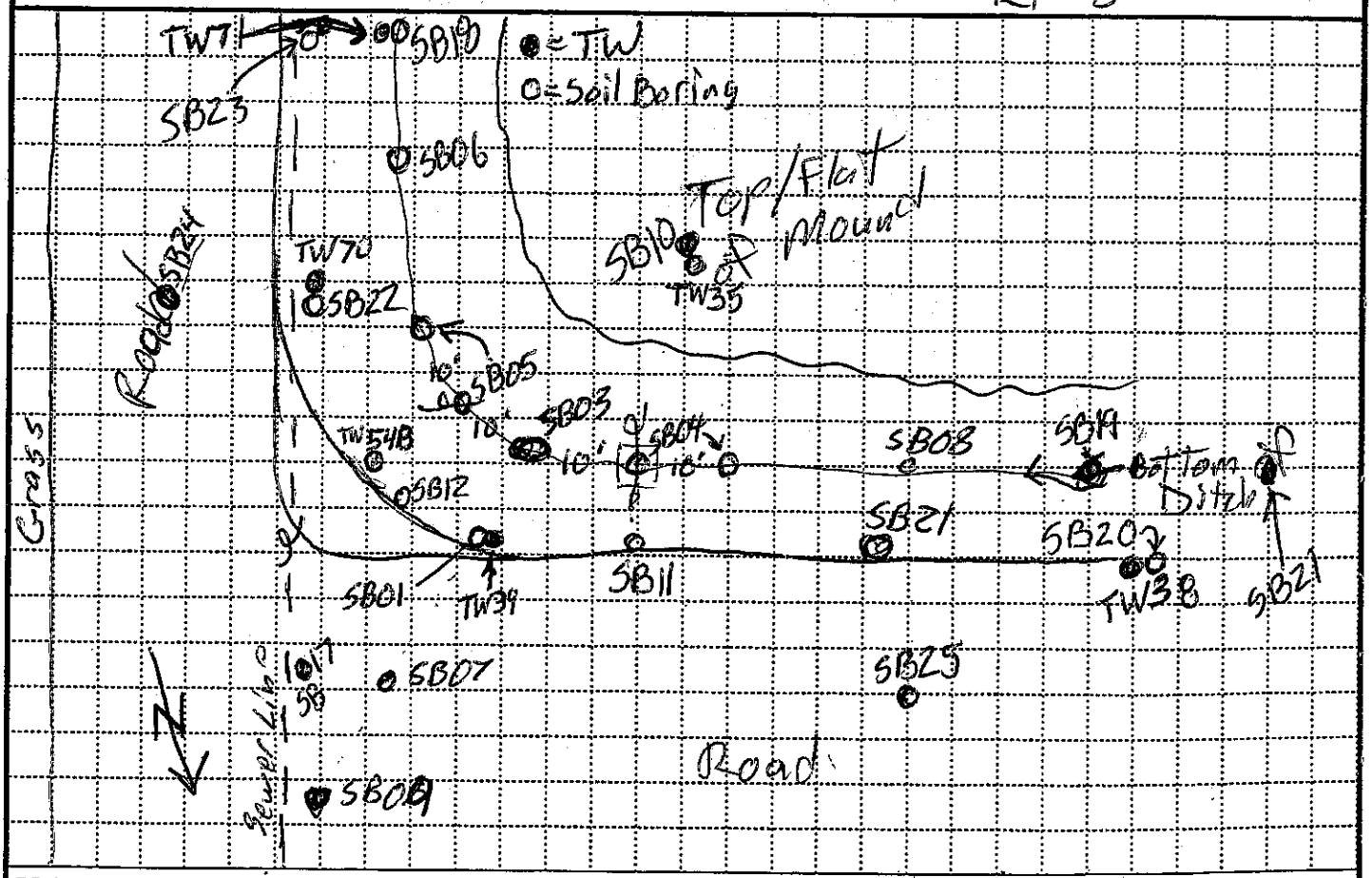
District: Kansas City		Hole Number: AOC9-SB01
1. Company Name: EEEPC	2. Drill Subcontractor: Zebra	Sheet 1 of Sheets 10
3. Project: Additional AOC 9 PDI	4. Location: GAFB-AOC9	
5. Name of Driller: Kirk Shoen	6. Manufacturer's Designation of Drill: Geoprobe 6620DT	
7. Sizes and Types of Drilling and Sampling Equipment: 2" Macro Core with Acetate Sleeves	8. Hole Location: Adjacent to TW39	
	9. Surface Elevation	
	10. Date Started: 6-20-07	11. Date Completed: 6-20-07
12. Overburden Thickness: 28' to Weathered shale	15. Depth Groundwater Encountered: ≈ 7' BGS	
13. Depth Drilled Into Rock: To Top of Shale bedrock	16. Depth to Water and Elapsed Time After Drilling Completed: 7' BGS ~~NA~~, See TW Water Levels	
14. Total Depth of Hole: 28'	17. Other Water Level Managements (Specify): NA	

18. Geological Samples	Disturbed	Undisturbed	19. Total Number of Core Boxes
	—	—	—

20. Samples For Chemical Analysis	VOC	Metals	Other (Specify)	Other (Specify)	Other (Specify)	21. Total Core Recovery — %
	✓	X	X	X	X	

21. Disposition of Hole	Backfilled	Monitoring Well	Other (Specify)	23. Signature of Inspector
	✓ Bentonite	—	—	Robert A Myers

LOCATION SKETCH/COMMENTS — **SCALE:** □ ≈ 5'

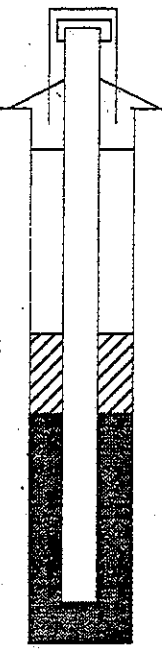


PROJECT	HOLE NO.
AOC9 PDI	AOC9-SB01

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL



Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____
- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: AOC9-SB01

Project: AOC9 PDI

Inspector: Robert A Myers

Sheet 3 of 10 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID	NA		NA	
	1		2/4				3.2' Recovery
	2		49/3				Oppm in All BZ
	3		15/3				
	4						
	5		2.1/9				3.0' Rec.
			0/20				

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION AOC9-SB01	Moisture Content: Dry / Moist / Wet
0	0-5', 3.2' Recovery	Moist
	0' to 0.3', Silty/Sandy Loam, Med brown w/ Grass roots	Moist
	0.3' to 1.95', Fill, Crushed stone & gravel with little silt & VF-Coarse Sand Moist	Moist
	1.95'-3.2' Med. brown VF Sand and silt w/ trace clay & few subrounded Gravel ½" to 1½".	Moist
5	Photo #1, Disk 1 of 5'-8'	Moist
	5'-10', 3' Rec. Strong odor off sand from 6.85'-8' BGS	Moist
	5' to 6.85', Fill, crushed stone/Gravel w/ little VF sand to Coarse Sand & Silt, trace clay	Moist
	6.85' to 8', Wet VF med. brown Sand.	Moist
8'		Moist

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDT | Inspector: Robert C May | Hole Number: AOC9-SB01 | Sheet 5 of 10 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	8		FID/PID	NA		NA	
	9						Zero ppm in All BZ
	10		@10.5' ~~430~~ 1200/430				
	11		11', 2300/293				Sec 2.75' 1000 Collect @ 11' BGS Sample AOC9-SB01-2
	11.5'		1200/146				
	12		230/ 9.3				Photo #2, Disk1
			4.8/13.1				
	13						
	13.5						
	14						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
10'	10'-15', Rec. = 2.75', Wet			
	10'-11.95', med to dark gray VF Sand w/ strong odor (Fuel +/or Solvent like)			
	11.95' to 12.75', Tan VF Sand, uniform.			
15	15'-20', Rec. = 2.95'			
	15' to 17.95' Med. Brown, Uniform, VF-Find Sand, Wet			

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert A Mayer | Hole Number: AOC9-SB01 | Sheet 2 of 10

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	16		FID/PID	NA		NA	
	16.5		0/3.0				
	17		0/.45				
	17.5		0/.17				
	18						
	18.5						
	20		@20.5			2.95' Rec.	
			0/.34				
	21		0/.19				
			0/.22				Disk 1 Photo #41
	22		0/.20				
			0/.42				
	23						

PROJECT AOC9 PDI | HOLE NO. AOC9-SB01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊗
	20'-25', 2.95' Rec.	○	○	○
	20' to 21.9', VF-Fine med. brown Sand with little iron staining From 21.4 to 21.9	○	○	○
	21.9' to 22.45', Med to dark gray Silt, VF-Fine Sand with few subrounded fine Gravel	○	○	○
	22.45' to 22.95' Dark Gray Till, fine to med angular gravel (Shale Frags) with some Fine to coarse Sand, little Silt, Trace clay	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert A Wayne | Hole Number: AOC9-SB01 | Sheet 9 of 10 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	24		FID/PID	NA		NA	
	25		@25.5'				2.25' Recovery
			0/.47				
	26		0/.36				Disk 1 Photo #5
			0/.29				
	27		0/.24				
	28						

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB01

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	25'-~~28~~', Refusal @ 28'BGS, Recovery 2.25'	○	○	○
	25' to 25.55' Fine to med. Sand, Gray with little fine gravel.	○	○	○
	25.55' to 26.3', Gray Silt w/little VF Sand	○	○	○
	26.3' to 27.25', Gray (Till) Clay with weathered shale Fragments	○	○	○
	✱ Refusal @ 28' on shale bedrock	○	○	○
	✱ Water above clay Till, Till is moist but tight, non-Plastic	○	○	○
	B.O.H @ 28' BGS	○	○	○
		○	○	○
	Notes: SB01 backfilled w/bentonite, and soil from surface to B.O.H ~~@~~ Placed in Drum ID= AOC9-PDI-1	○	○	○
	✱ Drum Currently staged behind B913.	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

CLIENT: USACE / Parsons

JOB NUMBER: 002275.PT04.20

SITE NAME: AOC 9 PDI (Additional)

DRILLER: Kirk Shoen, Zebra

LOCATION: CITY/TOWN: Former GAFB/Rome NY

STATE: NY

PROJECT MANAGER: Bob Meyers

FIELD TEAM LEADERS: Bob Meyers /

SITE SAFETY OFFICER(S): Jim Mays /

TEAM MEMBERS: _____

_____

JOB START/FINISH DATE: Soil Borings began 6-20-07 /

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John Lanier	Parsons	716-541-0751 ofc.

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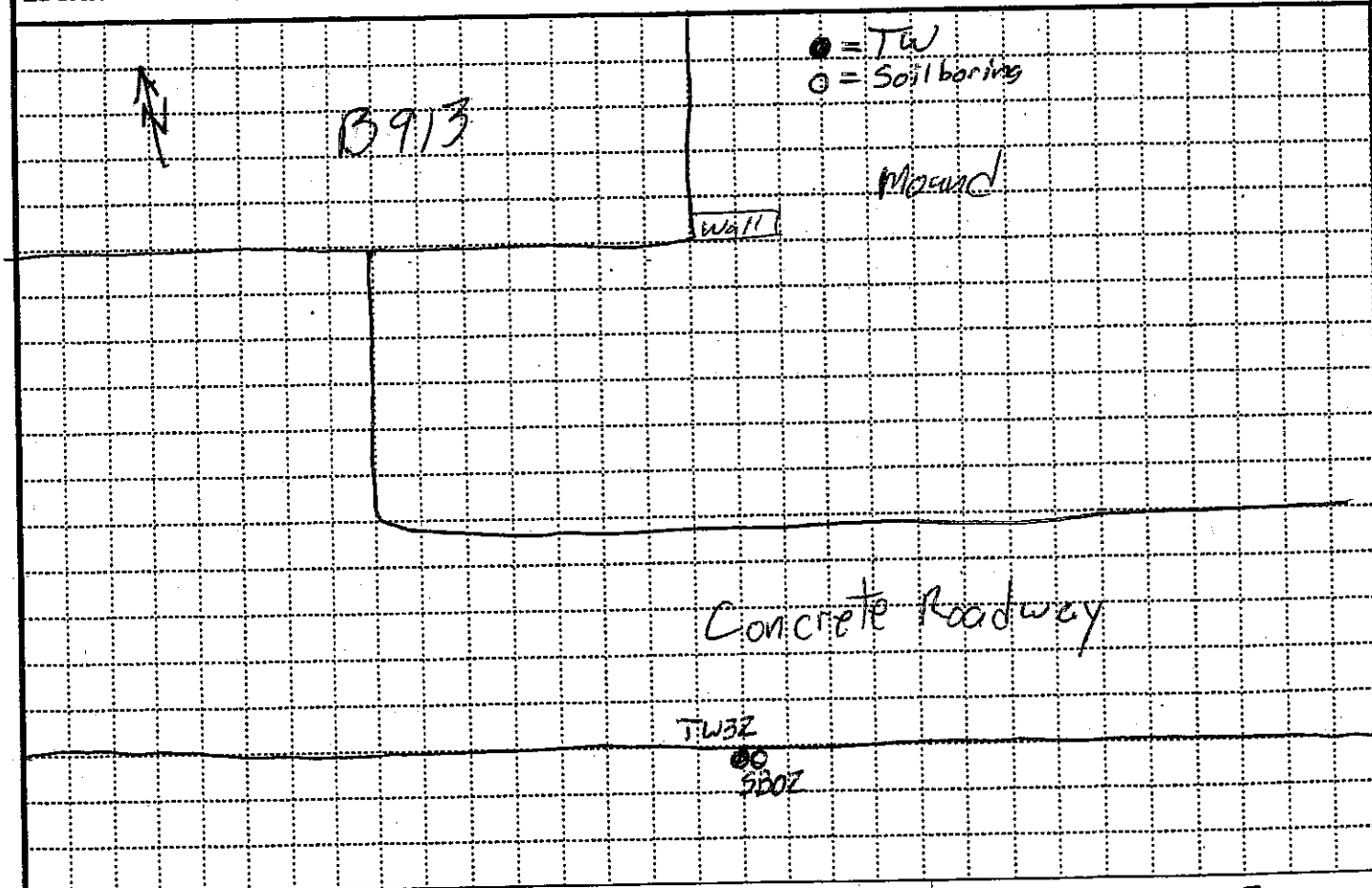
Borehole Record for AOC9-SB02

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

District: KC			Hole Number: AOC9-SB0Z
1. Company Name: EECPC	2. Drill Subcontractor: Zebra		Sheet: 1 of Sheets: 10
3. Project: AOC9 PDF		4. Location: AOC 9	
5. Name of Driller: Kirk Shoen		6. Manufacturer's Designation of Drill: 6620DT	
7. Sizes and Types of Drilling and Sampling Equipment: 2" Macro Core / Geoprobe		8. Hole Location: South B913	
		9. Surface Elevation	
		10. Date Started: 6-20-07	11. Date Completed: 6-20-07
12. Overburden Thickness: 27.1' to Till		15. Depth Groundwater Encountered: 11.55'	
13. Depth Drilled Into Rock: NA		16. Depth to Water and Elapsed Time After Drilling Completed	
14. Total Depth of Hole: 30'		17. Other Water Level Managements (Specify)	
18. Geological Samples: Disturbed		Undisturbed	19. Total Number of Core Boxes
20. Samples For Chemical Analysis: VOC ✓	Metals	Other (Specify)	Other (Specify)	Other (Specify)	21. Total Core Recovery — %
21. Disposition of Hole: Backfilled ✓ with bent Tonite	Monitoring Well	Other (Specify)	23. Signature of Inspector: Robert A Myers

LOCATION SKETCH/COMMENTS SCALE: □ = 5'



PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB0Z

(Proponent: CECW-EG)

ENG FORM 5056-R, AUG 94

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL

Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

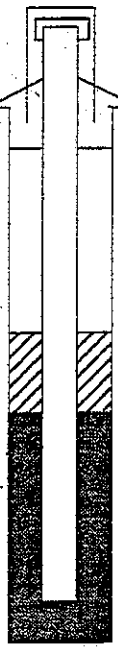
Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____



Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____
- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: AOC9-SB02

Project: AOC9 PDI | Inspector: Robert A Mayer | Sheet 3 of 16 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID	NA		NA	
			0/1.3				4.1' Rec Disk 1 Photo #6
	1		0/1.43				
			0/1.22				
	2		0/1.59				
			0/1.31				
	3		0/1.34				
			0/1.59				
	4		0/1.60				
	5						
			0/2.04				2.8' Rec 1220 Collect AOC9-SB02-1 from 55' BGS
	6		0/1.48				
			0/1.30				
	7		0/1.38				
			0/1.34				
	8						

PROJECT ~~AOC9-SB02~~ / AOC9 PDI | HOLE NO. AOC9-SB02

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
0	0-5, 4.1' Recovery	○	⊗	○
	0-0.35' Sand loam w/little gravel, brown	○	⊗	○
	0.35'-0.75', Gray Gravel (fine) and Coarse sand with some silt (Fill Material)	○	⊗	○
	0.75'-3.3', VF brown sand and round Fine to med Gravel	○	⊗	○
	3.3' to 3.85', Light brown Uniform VF Sand	○	⊗	○
	3.85' to 4.1', Gray silt & VF Sand with some rounded Gravel & trace coal Frags.	○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
5'		○	○	○
	5' to 10', 2.8' Recovery, all moist	○	○	○
	5' to 7.8', VF to Coarse light brown Sand with trace Rounded gravel (fine-med)	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	✓	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: AOC9-SB02

Project: AOC9 PDI

Inspector: Robert a Mayo

Sheet 5 of 10 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	8		FID/PID	NA		NA	
	9						
	10						
			0/1.31				Water @ 11.55' BGS. 3.1' Rec.
	11		0/1.91				
			0/1.33				
	12		0/1.40				
			0/1.12				
	13		0/1.10				
	14						
	15						
			5.4/2.5				
	16		20.1/3.1				3.1' Rec

PROJECT: AOC9 PDI

HOLE NO.: AOC9-SB02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth (feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
10	10'-15', 3.1' Recovery, Water @ 11.55' BGS	
	10'-13.1', VF to Med Sand with little silt, uniform. Light brown	
11		
12		
13		
14		
15	15'-20', 3.1' Rec.	
	15'-18.1', Wet VF to Med. Sand gray/brown Uniform w/Trace rounded gravel (fine)	

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert Ayers | Hole Number: AOC9-SB02 | Sheet 7 of 10 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	16		FID/PID				
			0/2.1				
	17		0/1.2				
			0/2.12				
	18		0/1.3				
	19						
	20						
			61/2.21				1355 Collect AOC9-SB02-2 From 20.5' BG
	21		10.1/1.19				
			21/1.10				
	22		8.4/.89				
			3.1/.76				
	23		0/.42				
	24						

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20'-25', 3.4' Rec.			
	20' to 23.4' Med brown Fine Sand with little Subrounded gravel (Fine to Med.) and trace Coarse Sand			

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert A Mayer | Hole Number: AOC9-SB02 | Sheet 9 of 10 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	25		FID/PID	NA		NA	3.2' Rec.
			0/1.51				
	26		0/1.49				
			0/1.55				
	27		0/1.51				
			0/1.61				
	28		0/1.54				
	29						
	30						

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB02

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION 10 of 10	Moisture Content: Dry / Moist / Wet
25	25' to 30', 3.4' Rec.	
	25' to 27.1', Sand & little gravel as above	
	27.1' to 27.75', tight Gray/brown Till, Clay & Subrounded to angular gravel, NON-Plastic, Tight, some silt & VF Sand	
	27.75' to 28.4, Gray Till/weathered Shale, Clay & Silt with some VF-Coarse Sand and Shale Fragments, Tight.	
	✱ Till is Wet but very tight, Non-Plastic.	
	B.O.H @ 30' BGS	

CLIENT: USACE / Parsons

JOB NUMBER: 002275.PT04.20

SITE NAME: AOC 9 PDI (Additional)

DRILLER: Kirk Shoen, Zebra

LOCATION: CITY/TOWN: Former GAFB/Rome NY

STATE: NY

PROJECT MANAGER: Bob Meyers

FIELD TEAM LEADERS: Bob Meyers /

SITE SAFETY OFFICER(S): Jim Mays /

TEAM MEMBERS:

JOB START/FINISH DATE: Soil Borings began 6-20-07 /

BOOK 1 OF

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Borehole Record for AOC9-SB03

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG

District: KC

1. Company Name: EEEPC	2. Drill Subcontractor: Zebra	Hole Number: AOC9-SB03
3. Project: AOC9 PDI	4. Location: AOC9	Sheet 1 of Sheets 9
5. Name of Driller: Kirk Shoen	6. Manufacturer's Designation of Drill: Geoprobe 6620DT	
7. Sizes and Types of Drilling and Sampling Equipment: Geoprobe MacroCore 2"OD	8. Hole Location: 10' East in ditch from TW39	
	9. Surface Elevation	
	10. Date Started: 6-21-07	11. Date Completed: 6-21-07
12. Overburden Thickness: 16.9' to Till	15. Depth Groundwater Encountered: 2.6'	
13. Depth Drilled Into Rock: NA	16. Depth to Water and Elapsed Time After Drilling Completed: —	
14. Total Depth of Hole: 20'	17. Other Water Level Managements (Specify): —	

18. Geological Samples	Disturbed	Undisturbed	19. Total Number of Core Boxes
	—	—	NA

20. Samples For Chemical Analysis	VOC ✓	Metals	Other (Specify)	Other (Specify)	Other (Specify)
		—	—	—	—

21. Disposition of Hole	Backfilled ✓	Monitoring Well	Other (Specify)	23. Signature of Inspector	21. Total Core Recovery — %
	Bentonite	—	—	Robert A Myer	

LOCATION SKETCH/COMMENTS — **SCALE:**

See AOC9-SB01 Log

PROJECT AOC9 PDI — **HOLE NO.** AOC9-SB03

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL

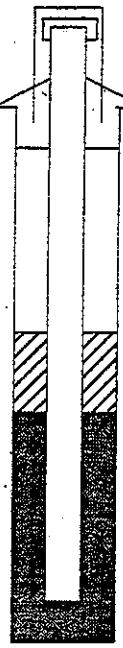
Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE



Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:

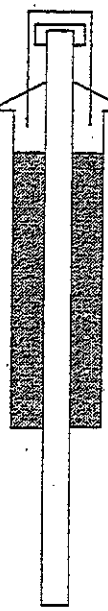
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL

Stick-up: _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches



Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert Mayo | Hole Number: AOC9-SB03 | Sheet 3 of 8

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	0		FID/PID	NA		NA	3.4' Rec
			0/7.29				
	1		0/32.5				
			0/15.9				
	2		0/35.6				water @ 2.6' dgs
			0/11.2				
	3		31.9/8.6				
	4						
	5		5/10.1				Disk 2 Photo #1 0-5' & 5-10' cores
	6		9.1/15.4				
	7		48/68.2				
	8		136/127				

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0-5', 3.4' Rec.			
0'	0' to 3.4', VF to Fine Med brown Sand			
	Water @ 2.6' BGS			
5'	5-10', 5' Recovery			
	5'-10', Fine Sand, Med. Brown from 5' to 8.3', Gray/Black from 8.3' to 10', becoming lighter @ bottom			

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC 9 PDI | Inspector: Robert A Moya | Hole Number: SB03 | Sheet 5 of 9

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	8		FID/PID	NA		NA	
	9		411/142				
	10		1850/301		@10' 0910 Collect AOC9-SB03-1		
			0/4.2				
	11		@11' 0/.92		@11' 0935 Collect AOC9-SB03-2		
			+e				
	12		0/0				
			0/0				
	13		0/.42				
			0/.15 ~~0/.42~~				
	14						
	15						
			0/1.9				
	16						

PROJECT: AOC 9 PDI | HOLE NO.: AOC9-SB03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
10'	10-15' 4' Recovery 10-14', VF-Fine light brown Sand, with brown/light Gray from 10-10.3'			
15'	15'-20', 3.1' Rec 15'-16.9', Light brown Fine Sand, Uniform 16.9'-18.1', Gray Sand, Fine Gravel with Clay & shale Frags @ bottom 0.3' B.O.H 18.1' BGS			

31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC 9 PDI | Inspector: Robert Wyer | Hole Number: SB03 | Sheet 7 of 9 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	16		FID/PID				
			0/.34	NA		NA	
	17						
			0/.34				
	18						
			0/.29				
	19						
	20						
	21						
	22						
	23						
	24						

PROJECT: AOC 9 PDI

HOLE NO.: AOC9-SB03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
16'		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
20'		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert A Myers | Hole Number: SB03 | Sheet 9 of Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	24		FID/PID	NA		NA	
	25						
	26						
	27						
	28						
	29						
	30						

PROJECT AOC9-PDI HOLE NO. AOC9-SB03

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content		
		Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
25'		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
30'		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

CLIENT: USACE / Parsons

JOB NUMBER: 002275.PT04.20

SITE NAME: AOC 9 PDI (Additional)

DRILLER: Kirk Shoen, Zebra

LOCATION: CITY/TOWN: Former GAFB/Rome NY

STATE: NY

PROJECT MANAGER: Bob Meyers

FIELD TEAM LEADERS: Bob Meyers /

SITE SAFETY OFFICER(S): Jim Mays /

TEAM MEMBERS:

JOB START/FINISH DATE: Soil Borings began 6-20-07 /

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		716-998-3485 cell
John Lanier	Parsons	716-541-0751 ofc

For inquires regarding the distribution, scope, and/or organization of the Geotechnical Logbook please contact: Manager, Environmental Services Division, Buffalo Corporate Office. Your comments and suggestions are welcomed and will be considered in future revisions.

Borehole Record for AOC9-SB04

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG

District: KC		Hole Number: SB04
1. Company Name: EEPC	2. Drill Subcontractor: Zebra	Sheet: 1 of 9
3. Project: AOC9 PDI	4. Location: AOC9	
5. Name of Driller: Kirk Shoen	6. Manufacturer's Designation of Drill: 6620DT	
7. Sizes and Types of Drilling and Sampling Equipment: Geoprobe / MacroCore-2"OD	8. Hole Location: 10' North SB03	
	9. Surface Elevation	
	10. Date Started: 6-21-07	11. Date Completed: 6-21-07
12. Overburden Thickness: 18.25' to Till	15. Depth Groundwater Encountered: 1.8'	
13. Depth Drilled Into Rock: NA	16. Depth to Water and Elapsed Time After Drilling Completed: —	
14. Total Depth of Hole: 20'	17. Other Water Level Managements (Specify): —	

18. Geological Samples	Disturbed		Undisturbed		19. Total Number of Core Boxes: NA		
20. Samples For Chemical Analysis	VOC: ✓	Metals: —	Other (Specify): —	Other (Specify): —	Other (Specify): —	21. Total Core Recovery: — %	
21. Disposition of Hole	Backfilled: ✓ Bentonite	Monitoring Well	Other (Specify)	23. Signature of Inspector: Robert A Myers			

LOCATION SKETCH/COMMENTS — **SCALE:**

See SB01 Log

PROJECT: AOC9 PDI	HOLE NO.: AOC9-SB04

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE

Top of Grout _____ ft

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Top of Seal at _____ ft

Borehole _____ inches Diameter

Top of Sand Pack _____ ft

Cement/ Bentonite _____

Grout _____

Top of Screen at _____ ft

Screen Slot Size _____

Screen Type _____

Bottom of Screen at _____ ft

☐ PVC _____

☐ Stainless Steel _____

Bottom of Hole at _____ ft

Pack Type/Size:

☐ Sand _____

☐ Gravel _____

Bottom of Sandpack at _____

☐ Natural _____

OPEN-HOLE WELL

Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB04

Project: AOC9 PDT | Inspector: Robert A Mayer | Sheet 3 of 8 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	0		FID/PID				
			0/.63				
	1		0/.39				Water @ 1.8' bgs
			0/.42				
	2		0/.34				
	3						
	4						
	5						
			18.6 ~~49~~ /49				
	6						
			137/155				
	7		184/112		@7.5' Collect @1020 AOC9-SB04-1		Photo #2 Disk #2 7'-8' Soil w/sheen
			3.21/203				
	8		@8.4' 18.4/22				

PROJECT: AOC9 PDT | HOLE NO.: AOC9-SB04

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
0	0-5', Rec. = 2.2'	○	⊗	○
	Water @ 1.8' BGS	○	⊗	○
	0'-2.2', light to Med. Brown Fine Sand	○	⊗	○
		○	⊗	○
		○	⊗	○
2.2'		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
5	5-10', 3.6' Rec.	○	○	○
	5'-5.9' Brown Sand as above	○	○	○
	5.9'-8.6', VF-Fine Med. to dark Gray Sand with	○	○	○
	Petroleum Sheen from 8'-8.2' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDT | Inspector: Robert A Myers | Hole Number: SB04 | Sheet 5 of 8 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	9		FID/PID				
	10						
			1.4/1.1				
	11		0/1.2		@1035 Collect AOC9-SB04-2 @11'BGS		Not Collected
			1.6/1.4				
	12						
			0/1.3				
	13		0/1.87				
	14						
	15						
			0/1.2				
	16						

PROJECT: AOC9 PDT | HOLE NO.: AOC9-SB04

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
10	10-15', Rec. = 3.5' All Wet	○	○	○
	10-13.5', VF Sand (Med. Light Brown) with Gray from 10'-10.8'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
15	15'-20', 4.0' Recovery	○	○	○
	~~15' > Light Brown~~	○	○	○
	15'-18.25' Light Brown VF-Fine Sand	○	○	○
	18.25' to 19' Gray Clay, Sand & Shale Frags.	○	○	○
	Some Shale Gravel is rounded	○	○	○
	B.O.H @ 20' BGS	○	○	⊗

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB04

Project: AOC9 PDT | Inspector: Robert A Myers | Sheet 7 of 8 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	16		FID/PID				
			0/.4				
	17						
			0/.2				
	18				1050 Collect AOC9-SB04-2 18.5' BGS		In "Till"
			0/.3				
	19						
	20						

PROJECT: AOC 9 PDI | HOLE NO. AOC9-SB04

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION B.O.T.S	Moisture Content Dry	Moist	Wet
20	B.O.H @ 20' BGS			✓

CLIENT: USACE / Parsons

JOB NUMBER: 002275.PT04.20

SITE NAME: AOC 9 PDI (Additional)

DRILLER: Kirk Shoen, Zebra

LOCATION: CITY/TOWN: Former GAFB/Rome NY

STATE: NY

PROJECT MANAGER: Bob Meyers

FIELD TEAM LEADERS: Bob Meyers /

SITE SAFETY OFFICER(S): Jim Mays /

TEAM MEMBERS:

JOB START/FINISH DATE: Soil Borings began 6-20-07 /

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PROJECT/CLIENT CONTACT(S)	AFFILIATION	PHONE
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John Lanier	Parsons	716-541-0751 office

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Borehole Record for AOC9-SB05

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

1. Company Name: EE&PC	District: KC		Hole Number: AOC9-SB0
3. Project: AOC9 PDI	2. Drill Subcontractor: Zebra		Sheet: 1 of 8
5. Name of Driller: Kirk Shoen	4. Location: AOC9		
7. Sizes and Types of Drilling and Sampling Equipment: Geoprobe MacroCore 2"OD	6. Manufacturer's Designation of Drill: Geoprobe 6620DT		
	8. Hole Location: Ditch @ B9/5 Mound		
	9. Surface Elevation		
	10. Date Started: 6-21-07	11. Date Completed: 6-21-07	
12. Overburden Thickness: 17.3' to Till	15. Depth Groundwater Encountered: 2.5'		
13. Depth Drilled Into Rock: NA	16. Depth to Water and Elapsed Time After Drilling Completed: —		
14. Total Depth of Hole: 20'	17. Other Water Level Managements (Specify): —		
18. Geological Samples: Disturbed —	Undisturbed —	19. Total Number of Core Boxes —	
20. Samples For Chemical Analysis: VOC ✓	Metals —	Other (Specify) —	Other (Specify) —
21. Disposition of Hole: Backfilled ✓ w/bentonite	Monitoring Well —	Other (Specify) —	23. Signature of Inspector: Robert A. Myers

LOCATION SKETCH/COMMENTS — **SCALE:**

See SB01 Log

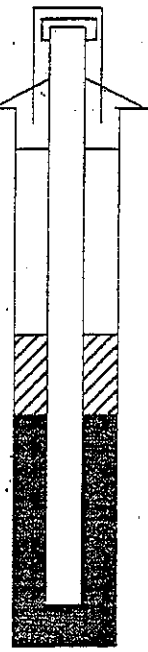
PROJECT AOC9 PDI — **HOLE NO.** AOC9-SB05

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL



Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE

Top of Grout _____ ft

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Top of Seal at _____ ft

Borehole _____ inches Diameter

Top of Sand Pack _____ ft

Cement/ Bentonite _____

Grout _____

Top of Screen at _____ ft

Screen Slot Size _____

Screen Type _____

☐ PVC _____

☐ Stainless Steel _____

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Pack Type/Size:

☐ Sand _____

☐ Gravel _____

☐ Natural _____

Bottom of Sandpack at _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert A Mayer | Hole Number: SB05 | Sheet: 3 of 3

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	0		FID/PID				
			0/2.1				3' Rec.
	1						
			0/2.7				
	2						
			84.7/1.4				
	3						
	4						
	5						
			30/49				3.7' Rec.
	6						
			285/100				
	7		521/175	Collect @1125 7.5'BGS AOC9-SB05-1			
			900/274				
	8		36/50 ← @ sheen				

PROJECT: AOC9-PDI | HOLE NO.: AOC9-SB05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
0	0'-5', 3' Rec.	○	⊗	○
	0' to 0.4' Sandy Loam, dark brown, w/ cross roots	○	●	○
	0.4'-3', Light brown VF to Fine Sand, Uniform	○	●	○
	Wet @ ≈ 2.5' BGS	○	●	○
		○	●	○
		○	●	○
		○	●	○
		○	●	○
		○	●	○
2.5'		○	○	⊗
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
5	5'-10', 3.7' Rec.	○	○	●
	5' to 6.7' Sand as above	○	○	●
	6.7' to 8.7', Gray Sand (VF to Fine) with Petroleum	○	○	●
	sheen	○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●
		○	○	●

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC9 PDI | Inspector: Robert A Myers | Hole Number: SB05 | Sheet 5 of 8

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	8		FID/PID				
	9						
	10		0/1.6				4.1' Rec.
	11		0/1.39				
			0/1.44				
	12		0/1.2				
			0/1.41				
	13		0/1.20				
			0/1.11				
	14		0/1.04				
	15		0/1.45				3.2' Rec

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
10-15'	4.1' Rec.	○	○	○
	10'-10.35', Gray VF-Fine Sand	○	○	○
	10.35' to 14.1', Light brown VF-Fine Sand.	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
15-20'	3.2' Rec.	○	○	○
	15' to 17.3' VF-Fine light brown Sand	○	○	○
	17.3'-18.2' Gray Sand (17.3'-17.95') and Clay/Shale Fargs 17.95'-18.2' (Till)	○	○	○
		○	○	○
	B.O.H @ 20.0' BGS	○	○	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Project: AOC 9 PDT | Inspector: Robert Meyer | Hole Number: SB05 | Sheet: 7 of

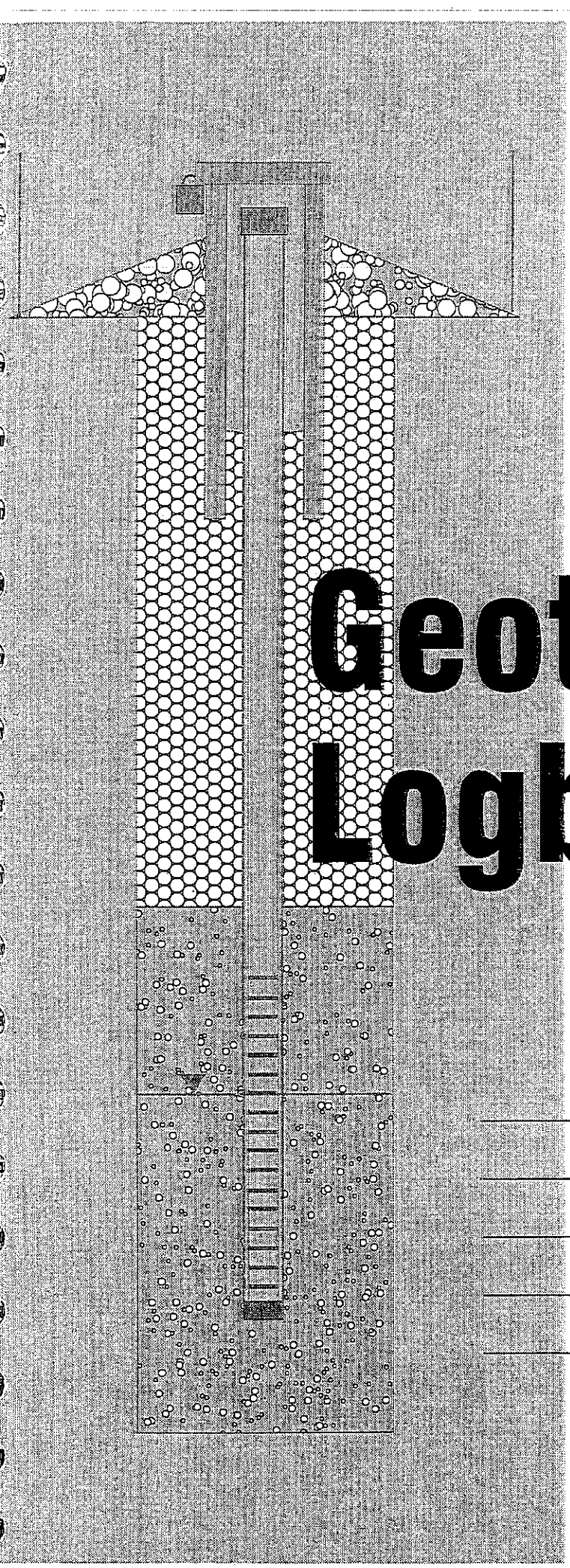
Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	16		FID/PID				
			0/.60				
	17		0/.41				
			0/.21				
	18		0/.23				
	19						
	20						

PROJECT AOC 9-PDI | HOLE NO. AOC9-SB05

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION 8 of 8	Moisture Content: Dry	Moist	Wet
16		○	○	⊘
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	✓
20		○	○	○
	B.O.H @ 20' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, SB13 through

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-SB06

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: KC

HOLE NUMBER: AOC9-SB06

1 COMPANY NAME: EEEPC

2. DRILL SUBCONTRACTOR: Zebra

SHEET 1 OF 6 SHEETS

3 PROJECT: AOC9 PDI

4. LOCATION: AOC9

5 NAME OF DRILLER: Kirk Shoen

6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620 DT

7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macro Core 2" OD

8. HOLE LOCATION: B 913 ditch around mound

9. SURFACE ELEVATION:

10. DATE STARTED: 6-21-07

11 DATE COMPLETED: 6-21-07

12. OVERBURDEN THICKNESS: 17.65' to Till

15. DEPTH GROUNDWATER ENCOUNTERED: 2.8'

13. DEPTH DRILLED INTO ROCK: NA

16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —

14. TOTAL DEPTH OF HOLE: 20'

17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

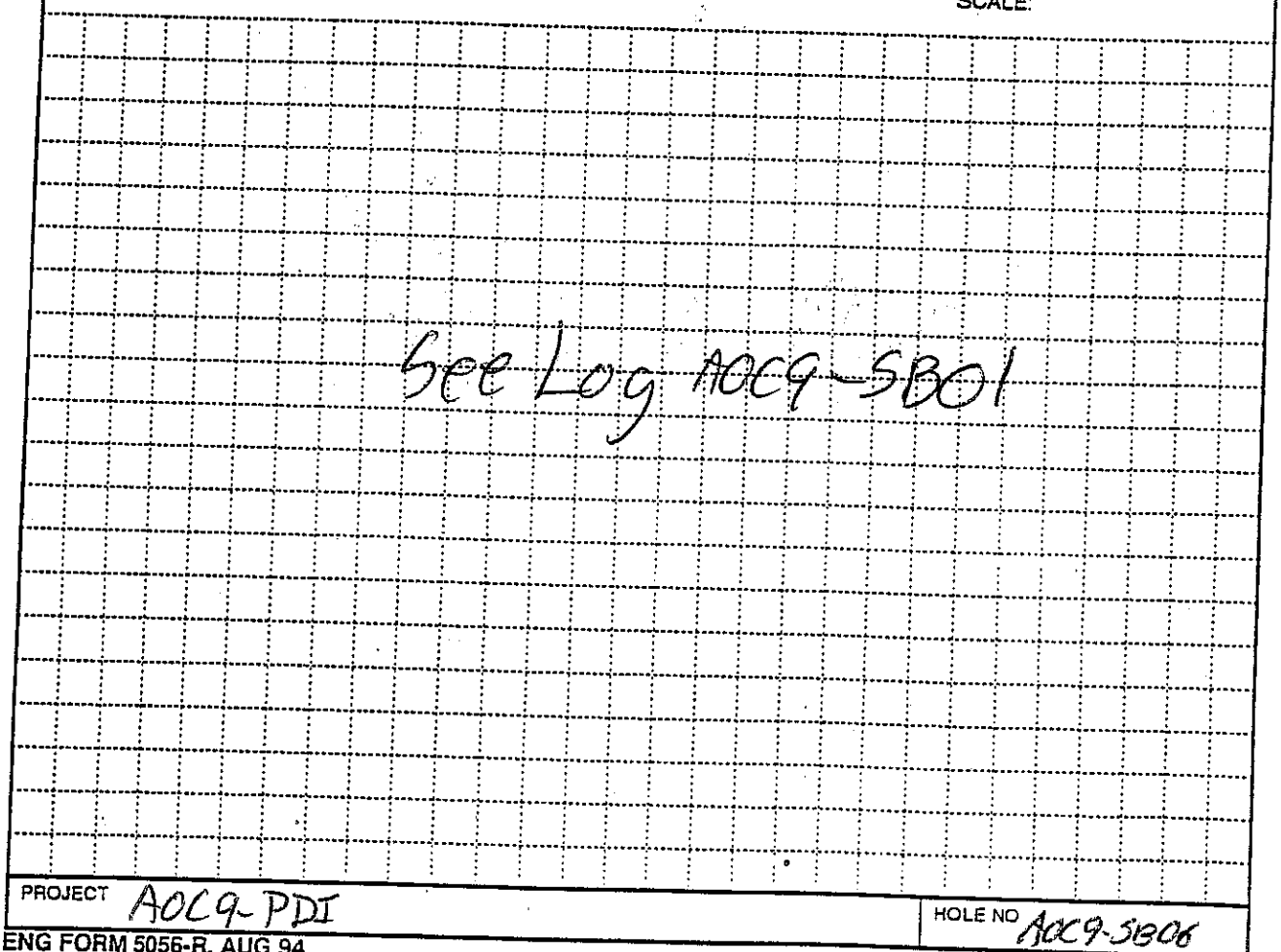
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY
	✓	—	—	—	—	— %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert A. Mayo

LOCATION SKETCH/COMMENTS

SCALE:



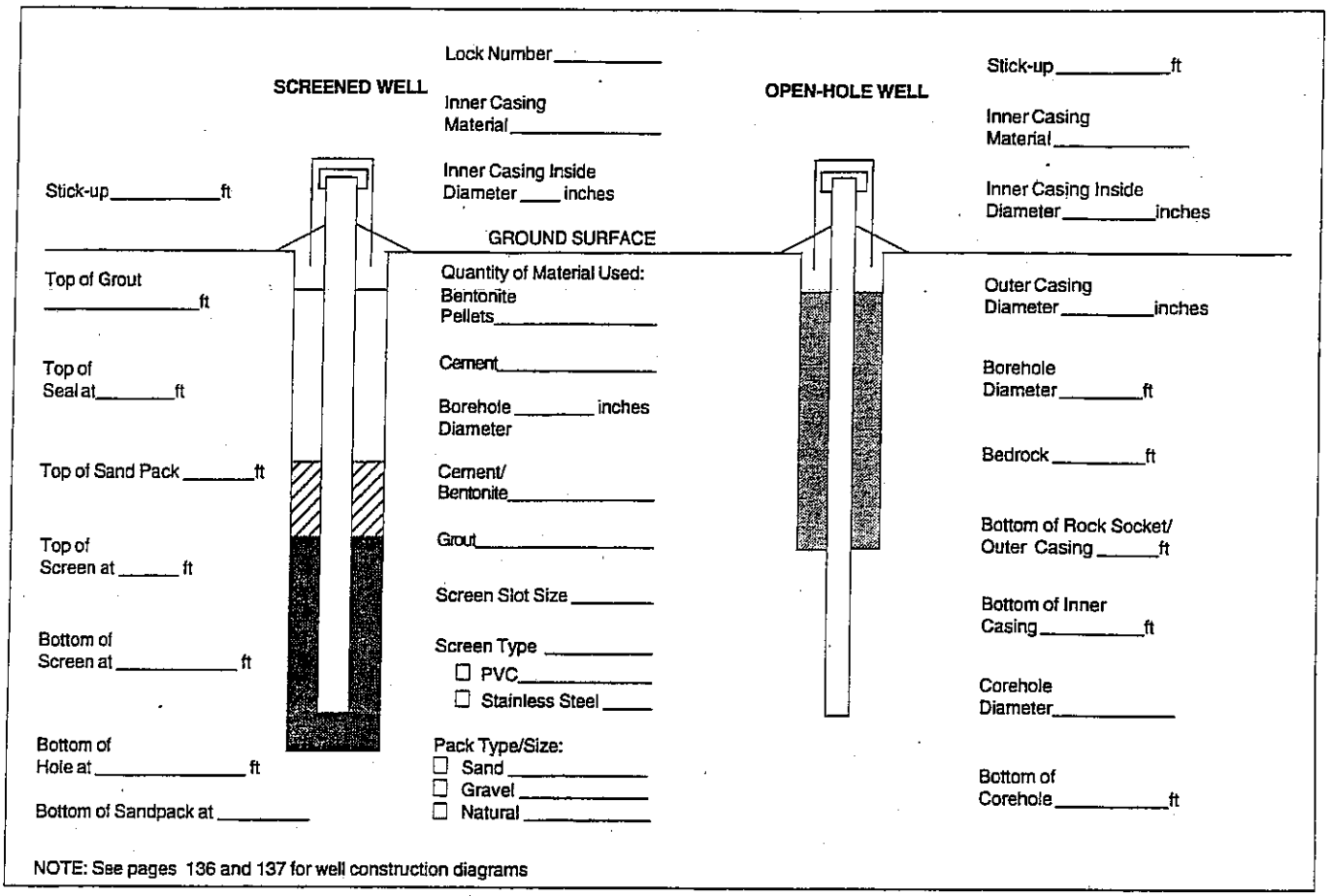
PROJECT: AOC9-PDI

HOLE NO: AOC9-SB06

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB06

PROJECT AOC9 PDI | INSPECTOR Robert a Mayer | SHEET OF 3 SHEETS 6

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID	NA		NA	
			0/1.80	↓		↓	
	1		0/1.1				Water @ 2.8' BGS
			0/1.2				3.35' Rec
	2		0/1.17				
			0/1.24				
	3		0/1.14				
	4						
	5						
			0/3.3				3.1' Rec
	6		77.4/7.9				
			94.1/62				
	7		230/100				
					1350 Collected		
			575/221		AOC9-SB06-1		
	8		55/10.6		From 7.5' BGS		

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
0	0'-5' 3.35' Rec, Water@2.8' BGS	
	0'-0.3' Dark brown Sandy Loam (grass roots)	
	0.3' to 3.35', VF-Fine light brown Sand	
2.8'		
	5'-10' 3.1' Rec.	
	5' to 6.8' brown Sand as above	
	6.8' to 8.1', Dark gray Sand (VF-Fine)	

HTW DRILLING LOG

HOLE NO. SB06

PROJECT AOC9 PDI | INSPECTOR Robert a Kuntz | SHEET OF 5 SHEETS 6

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9		FID/PID	NA ↓		NA ↓	
	10		35.8/3.7		1400 Collect AOC9-SB06-2 10.5'BGS		3.6' Rec
	11		0/.32				
			0/.65				
	12						
			0/.32				
	13						
			0/.17				
	14						
	15						
			0/.19				2.95' Rec
	16		0/.22				
			0/.14				
	17		0/.20				
			0/.11				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION 6 of 6	Moisture Content: Dry / Moist / Wet
10'-15'	3.6' Rec.	
	10'-11.55', Gray VF-Fine Sand	
	11.55'-13.6', light Brown VF-Fine Sand, Uniform	
15'-20'	2.95' Rec.	
	15' to 17.65', Sand as above	
	17.65' to 17.95', Gray Till (Fine-med Sand & Clay with shale Frags (Both rounded & Angular)	
	B.O.H @ 20' BGS	

HTW DRILLING LOG

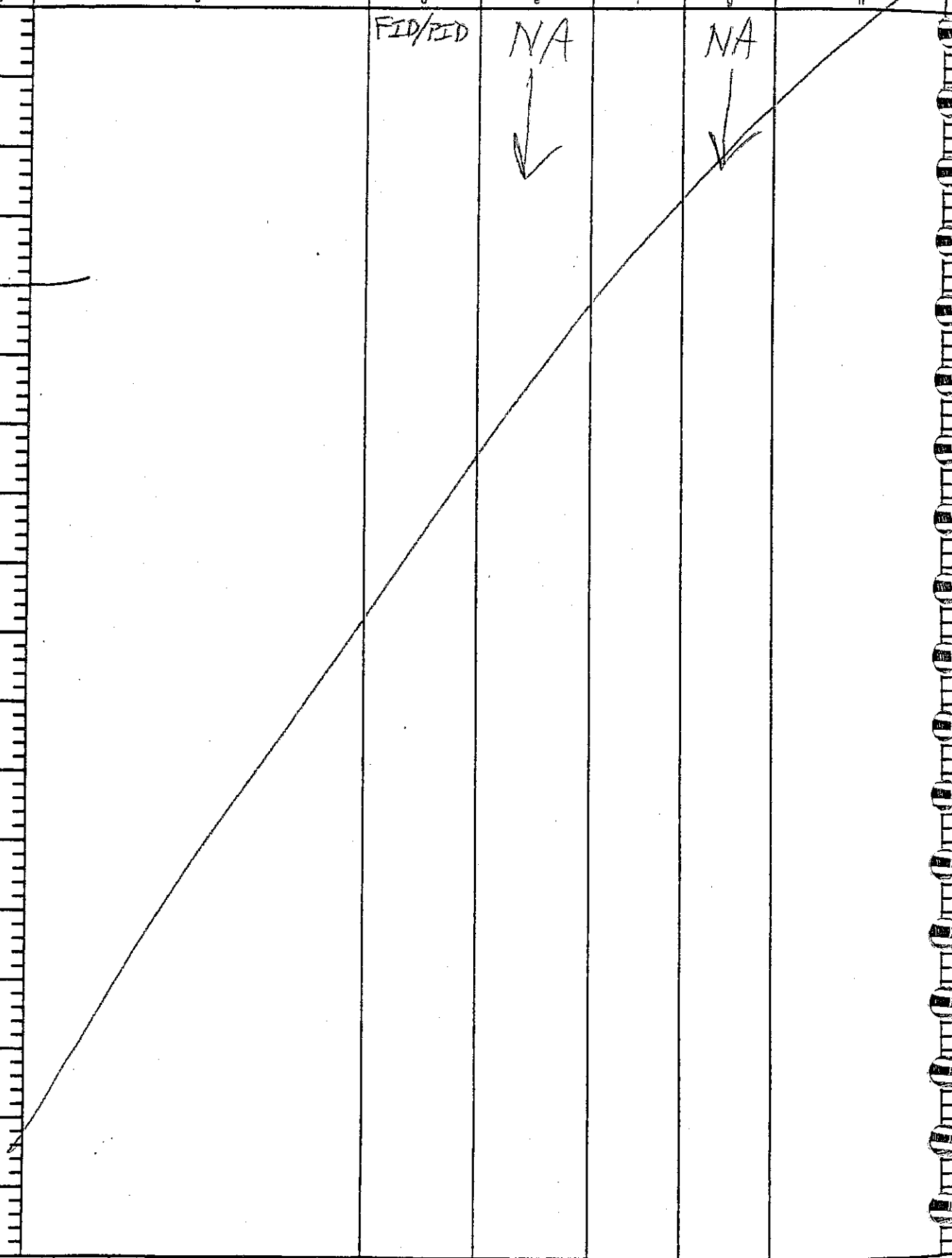
HOLE NO. SB06

PROJECT AOC9 PDI

INSPECTOR Robert A Myers

SHEET 2 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID	NA		NA	
	20						
	21						
	22						
	23						
	24						
	25						





Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, Through SB13

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-5B07

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: AOC9-SB07
1 COMPANY NAME: EEPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF 8 SHEETS
3 PROJECT: AOC9 PDI	4. LOCATION: AOC9	
5 NAME OF DRILLER: Kirk Shoen	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macro Core 2" OD	8 HOLE LOCATION: 20' Upgradient (East) of TW39	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 6-21-07	11 DATE COMPLETED: 6-21-07
12. OVERBURDEN THICKNESS: 22.6' to Till	15. DEPTH GROUNDWATER ENCOUNTERED: Saturated @ 10', 6.35' 1st Seam	
13. DEPTH DRILLED INTO ROCK: NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 25'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	
22. DISPOSITION OF HOLE	✓ BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR		
	Bentonite	—	—	Robert A Mayer		

LOCATION SKETCH/COMMENTS — SCALE:

See Log SB01

PROJECT	HOLE NO
AOC9 PDI	AOC9-SB07

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

- ☐ PVC _____
- ☐ Stainless Steel _____

Pack Type/Size:

- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL

Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB07

PROJECT AOC9 PDI | INSPECTOR Robert a Mye | SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0	Concrete	FID/PID				2.3' Rec. plus Concrete of 15"
	1						
	2		0/1.6				
	3		0/0.92				
	4						
	5						3.2' Rec, Photo #3 Disk 2 5-10' Core Photo #4 Disk 2 Close up of Black seam
	6		0/1.8				
			0/5	1510 Collect @ 7.0' AOC9-SB07-1 (Black Seam)			
	7		60/102				
	8		6.7/77				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0-5', 2.3' Rec			
	0-1.25' Concrete	⊗	○	○
	1.25'-2.45', Road base	⊗	○	○
	2.25'-3.55', Brown to light gray silt & rounded fine to coarse gravel with some VF to med. Sand, Dry	⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	⊗ RA'd
5-10', 3.2' Recovery, Fill Material		⊗	○	○
	5-8.2, Fine to Coarse Gravel w/some VF-Coarse Sand, and silt	⊗	○	○
	Dry with wet seams @:	⊗	○	○
	& Black Seams @ 8', 7.6', 7.1' to 6.9', & 6.35' BGS,	⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○

HTW DRILLING LOG

HOLE NO. SB07

PROJECT AOC 9 PDF | INSPECTOR Robert Collins | SHEET 5 OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9						
	10		0/17				3.5' Recovery
	11		89/72				
			46/73				
	12		81/130				
			228/176.8	1530 Collect AOC9-SB07-2 12.5' BGS			
	13		106/120				
	14						
	15						
			0/.31				3.8' Rec
	16		0/.21				
			0/.19				
	17		0/.22				
			0/.24				
	19						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		⊘	○	○
		⊗	○	○
		⊘	○	○
	10'-15', 3.5' Recovery Saturated	○	○	⊗
	10'-13.5' Rounded fine to Coarse Gravel	○	○	●
	with little VF-Fine Sand & Tr. silt	○	○	○
	*Strong fuel odor, sheen coating gravel throughout	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15'-20', VF-Fine light brown Sand, Uniform	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	●

HTW DRILLING LOG

HOLE NO. SB07

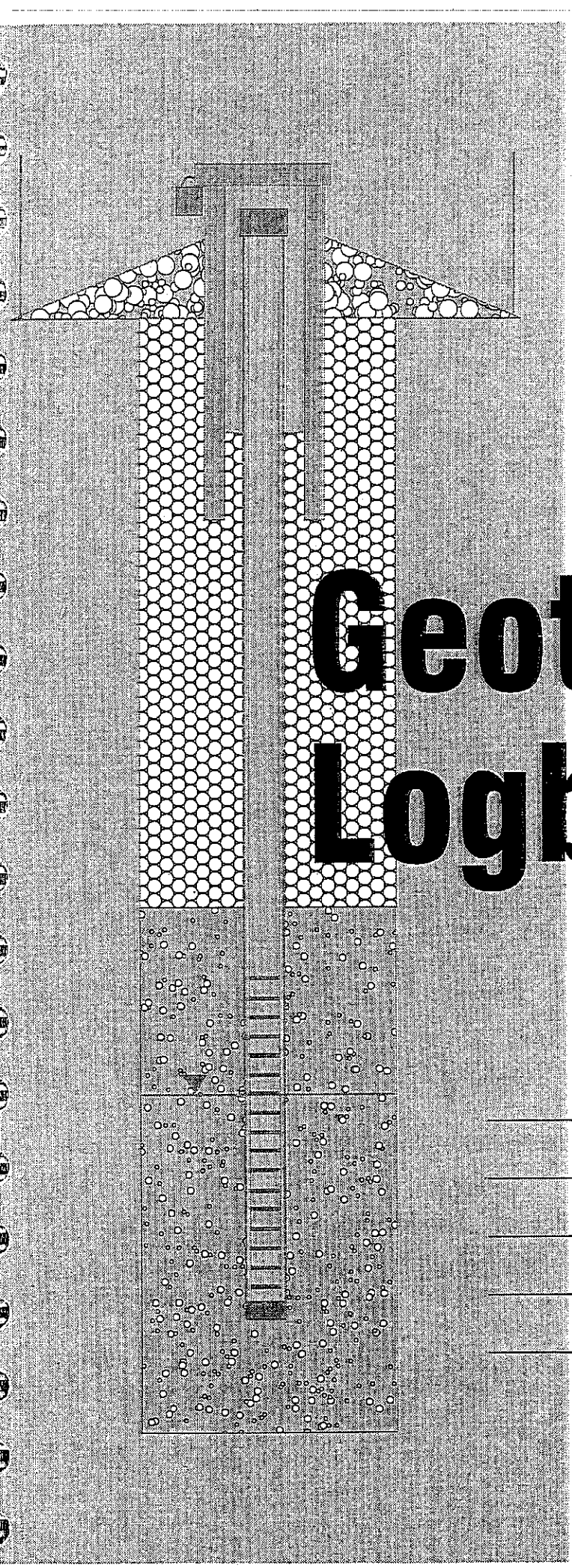
PROJECT AOC 9 PDI

INSPECTOR Robert a Myer

SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
			0/.17	NA		NA	
	19						
	20		0/0.6				3.4' Rec
			0/0.51				
	21		0/0.4				
			0/.32				
	22		0/.20				
			0/.07				
	23						
	24						
	25						
	26						
	27						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 3.4' Rec	○	○	○
	20' to 21.85', VF-Fine light brown Sand	○	○	○
	21.85' to 22.6', VF-Fine light gray Sand	○	○	○
	22.6' to 23.4', Gray Till, Sand & Silt w/some Clay	○	○	○
	and Shale Frags & rounded gravel	○	○	○
		○	○	○
	B.O.H @ 25' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
25		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, Through SB13

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-SB08

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: AOC9-SB08
1 COMPANY NAME: EEEPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF 3 SHEETS
3 PROJECT: AOC9 PDI	4. LOCATION: AOC9	
5 NAME OF DRILLER: Kirk Shoen	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GeoProbe Macrocor 2" OD	8 HOLE LOCATION: 40' West of SB03 in ditch	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 6-21-07	11 DATE COMPLETED: 6-21-07
12. OVERBURDEN THICKNESS: 18.95' to Till	15. DEPTH GROUNDWATER ENCOUNTERED: 5' BGS	
13. DEPTH DRILLED INTO ROCK: NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 20'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY
	✓	—	—	—	—	— %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓ Bentonite			Robert A Myers

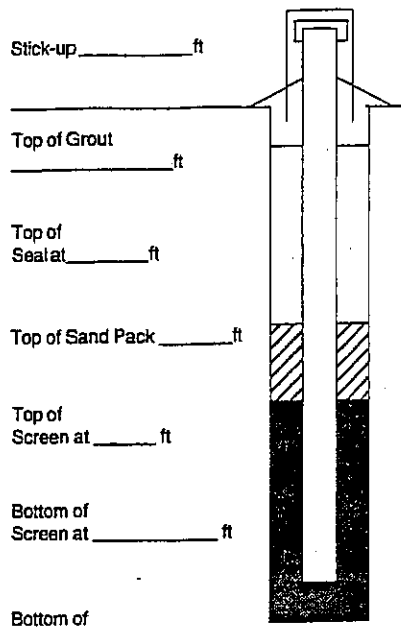
LOCATION SKETCH/COMMENTS — SCALE:

See AOC9-SB01 log

PROJECT	HOLE NO
AOC9 PDI	AOC9-SB08

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



SCREENED WELL

Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

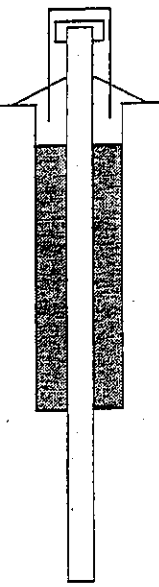
Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____
- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____



OPEN-HOLE WELL

Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB08

PROJECT AOC9 PDI | INSPECTOR Robert A Myers | SHEET OF 3 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID	NA		NA	
	1		0/1.2				3.5' Rec.
	2		0/.89				
	3		0/.75				
	4						
	5						wet @ 5'
			0/1.9				4.65' Rec
	6		0/2.6				
	7						
	8		341/89		@1725 Collect AOC9-SB08-1 9' BGS		
			547/133				
	9		1272/278				

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
0	0'-5', 3.5' Rec.		⊗	
	0'-0.4', med. brown Sandy loam w/grass roots, moist			
	0.4'-3.5', VF to Fine light brown sand, moist.			
5	5'-10', 4.65' Rec. Water @ (or above) 5' BGS			
	5'-7.8', light brown Uniform VF-Fine Sand			
	7.8'-9.65', VF-Fine Uniform light to Med gray Sand with fuel/Solvent odor.			

HTW DRILLING LOG

HOLE NO. SB08

PROJECT AOC9 PDI | INSPECTOR Robert a Mayer | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9			NA		NA	
	10		182/201				4.4' Rec
			59/15				
	11		0.9/9.8				
			0/9.2				
	12		0/.43				
	13		0/.31				
	14		0/.29				
	15						4.3' Rec
			0/.6				
	16						
			0/.5				
	17						
			0/.2				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
	10'-15' 4.4' Rec.	○	○	○
	10'-10.35' Gray Sand as above w/odor	○	○	○
	10.35'-14.4' VF-Fine light brown sand	○	○	○
	15'-20', 4.3' Rec.	○	○	○
	15'-18.95', VF-Fine light brown sand, Uniform	○	○	○
	18.95' to 19.3', Gray Till (fine sand w/some clay & shale frags)	○	○	○

HTW DRILLING LOG

HOLE NO. SB03

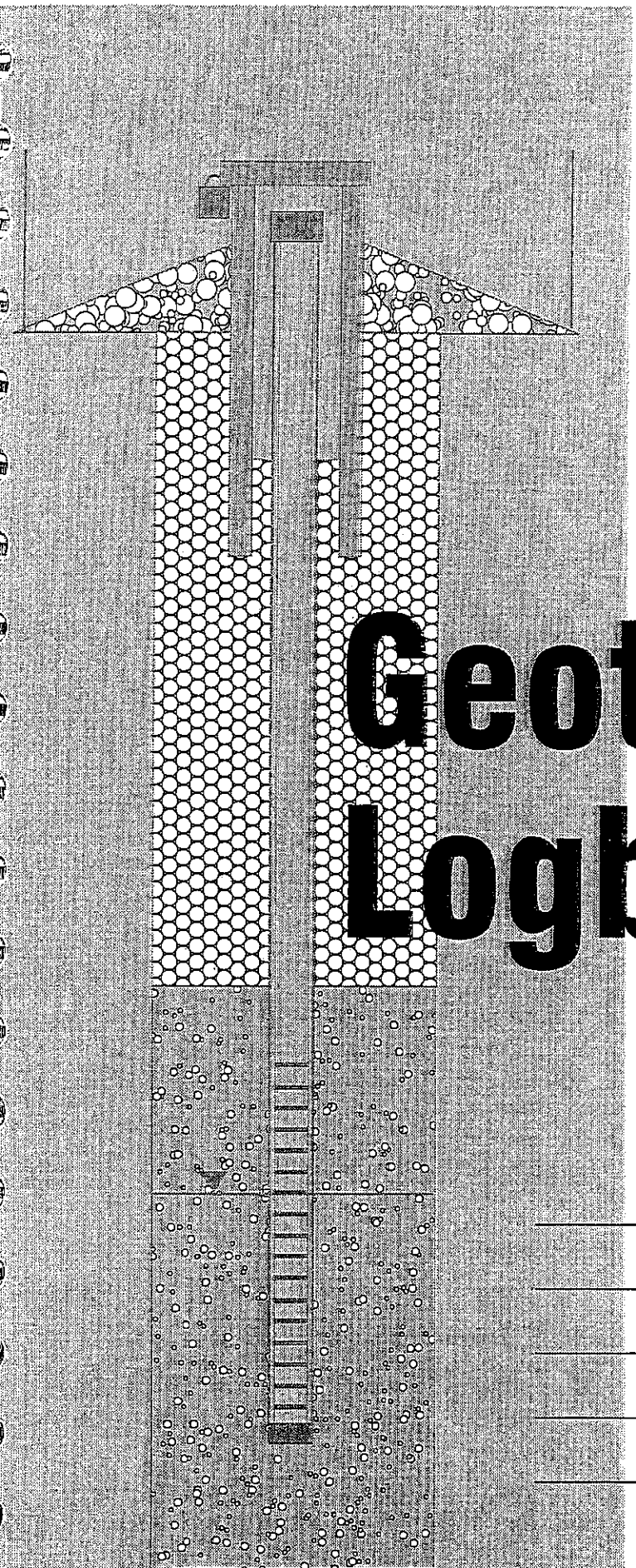
PROJECT AOC9 PDI

INSPECTOR Robert C Wayne

SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			0/.3	NA		NA	
	19		0/.3				
	20						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content		
		Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	B.O.H @ 20' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, SB13 Through

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-SB09

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

1 COMPANY NAME: EEEPC	DISTRICT: Kansas City	HOLE NUMBER: AOC9-SB09
2. DRILL SUBCONTRACTOR: Zebra		SHEET 1 OF 8 SHEETS
3 PROJECT: AOC 9 PDI	4. LOCATION: AOC 9	
5 NAME OF DRILLER: Jared Plank	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: ~~GeoProbe Macro/Core~~ 2" OD	8 HOLE LOCATION: 20' East SB07, in Roadway	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 6-22-07	11 DATE COMPLETED: 6-22-07
12. OVERBURDEN THICKNESS: 23.15' to Till	15. DEPTH GROUNDWATER ENCOUNTERED: 8.05'	
13. DEPTH DRILLED INTO ROCK: NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —	
14. TOTAL DEPTH OF HOLE: 29'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES: NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY: — %
	✓	—	—	—	—	
22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR: Robert A Mayer		
	Bentonite	—	—			

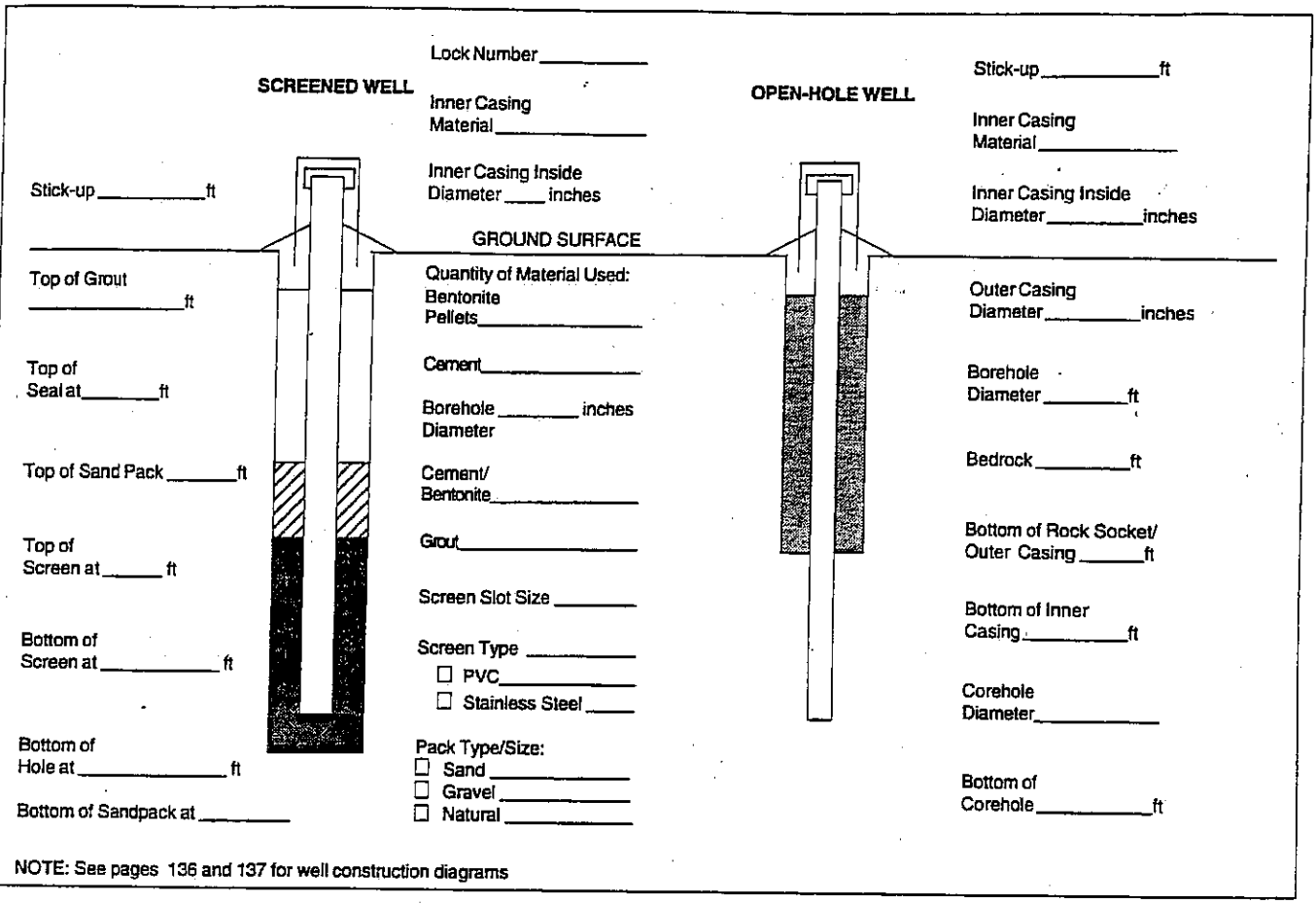
LOCATION SKETCH/COMMENTS — SCALE:

See SB01 Log

PROJECT: AOC 9 PDI	HOLE NO: AOC9-SB09

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB09

PROJECT AOC9 PDI | INSPECTOR Robert A Myers | SHEET OF 3 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0	Concrete	FID/PID	NA		NA	4.1' Rec
	1						
	2		15/4				
	3		0/3				
	4		0/.2				
	5						
			0/26				
	6						
	7		0/1.0				
	8		15/20				Water @ 8.05' BGS
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 4.1' (including ~~Plus~~ 1.25' concrete)	⊗	○	○
	0'-1.25' Concrete	⊗	○	○
	1.25'-2.05' Road base	○	⊗	○
	2.05'-4.1', Silt & Sand w/Some Gravel (Fine to coarse) with little Clay (Fill) moist	○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
5	5-10', 3.5' Rec, Water@ 8.05'	○	⊗	○
	5'-8.5' Fill Materials, Gravel and VF-Coarse sand with ~~some Lit~~ little silt & clay, disturbed	○	⊗	○
	No odor	○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
8.05'		○	○	⊗
		○	○	⊗
		○	○	⊗
		○	○	⊗

HTW DRILLING LOG

HOLE NO. SB09

PROJECT AOC 9 PDI | INSPECTOR Robert A Meyer | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9			NA		NA	
	10		15/46				2.6' Rec
	11		45/46				
			150/195		@11.5' 0715 Collect AOC9-SB09-1 (11.5)		
	12		3/31				
			0/33				
	13						
	14						
	15						3.3' Rec
			0/2.2		@0730 Collect		
	16		0/2.0		AOC9-SB09-2(16) @16' BGS		
			0/2.1				
	17		0/1.94				
			0/1.31				
	18		0/1.6				

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
10	10-15', 2.6' Rec			
	10'-11.7', Fill as above with Fuel/Solvent odor, wet			
	11.7-12.6', light brown Uniform Fine Sand			
	✱NOTE: The "observed" Contamination Zone extends from 10' to 11.7' and is not as bad as observed 20' Downgradient			
15	15'-20', 3.3' Rec			
	15'-18.3', Uniform light brown Sand, No odor			

HTW DRILLING LOG

HOLE NO. SB09

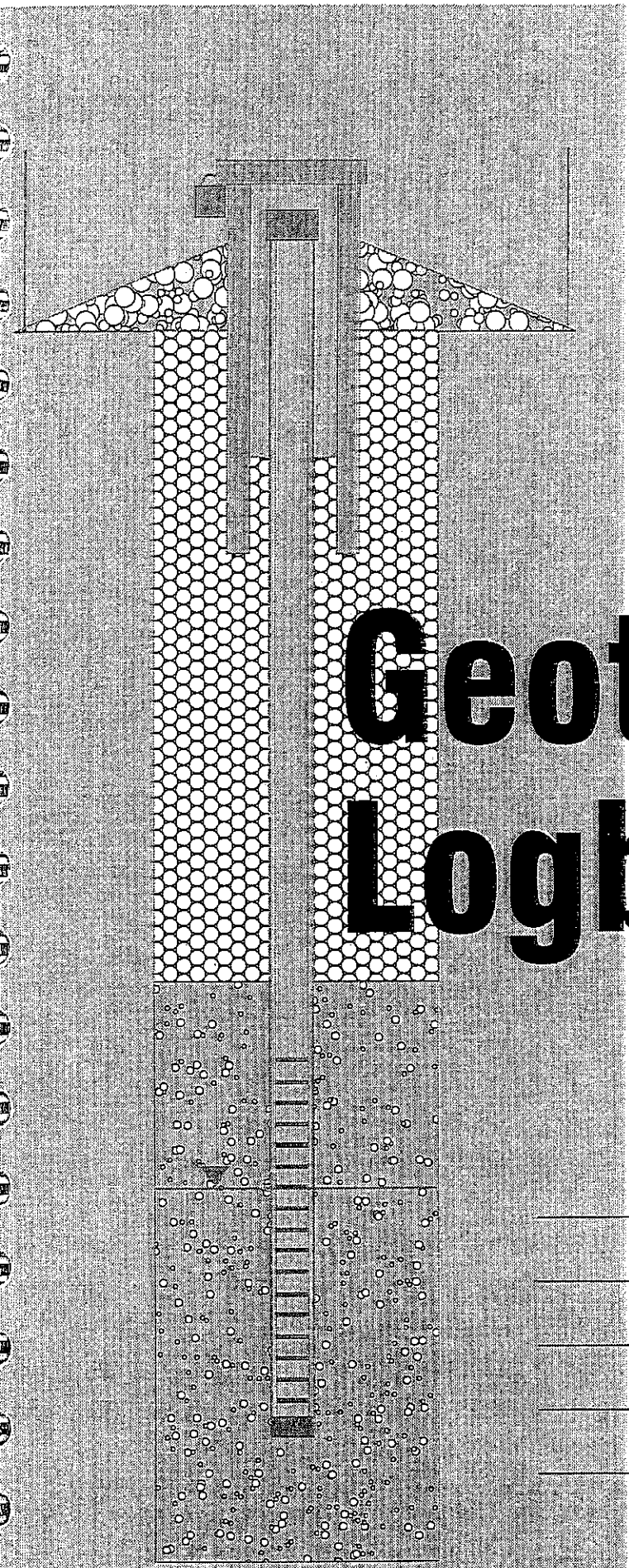
PROJECT AOC9 PDI

INSPECTOR Robert A Mayer

SHEET 8 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19			NA		NA	
	20		0.8/.22				4.2' Rec
	21		0/.21				
			0/.33				
	22		0/.43				
			0/.19				
	23		0/.24				
			0/.26				
	24		0/.19				
	25						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION 8 of 8	Moisture Content: Dry / Moist / Wet
20'	20'-25', 4.2' Rec.	
	20'-22.55', light brown Uniform sand as above	
	22.55'-23.15', Gray VF-Fine Sand Uniform	
	23.15'-24.2' Gray Clay & Shale Fragments (Angular) with Some Silt.	
	B.O.H @ 25' BGS	



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, Through SB13

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-SB10

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: AOC9 SB10
1 COMPANY NAME: EECPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF SHEETS
3 PROJECT: AOC 9 PDI	4. LOCATION: Mound adjacent to B913	
5 NAME OF DRILLER: Jared Plank	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: ~~GeoProbe MacroCore~~ 2" OD	8 HOLE LOCATION: adjacent to TW35	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 6-22-07	11 DATE COMPLETED: 6-22-07
12. OVERBURDEN THICKNESS: 26.35' to Till	15. DEPTH GROUNDWATER ENCOUNTERED: 11.9'	
13. DEPTH DRILLED INTO ROCK: ~~NM 30'~~ NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —	
14. TOTAL DEPTH OF HOLE: 30'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	✓ BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert A Mayer

LOCATION SKETCH/COMMENTS — SCALE:

See SB01 Log

PROJECT	HOLE NO
AOC 9 PDI	AOC9-SB10

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL

Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

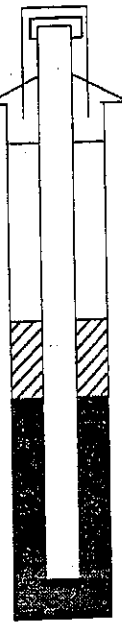
Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____



Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

☐ PVC _____

☐ Stainless Steel _____

Pack Type/Size:

☐ Sand _____

☐ Gravel _____

☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB10

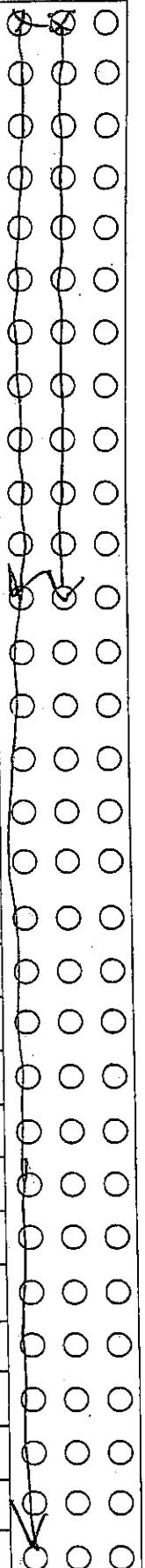
PROJECT AOC9 PDT

INSPECTOR Robert A Mayer

SHEET 1 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID	NA		NA	
	1		0/.9				3.85' Rec
			0/				
	2		.6/2				
	3		1.1/3				
	4						
	5						
			.9/.9				2.8' Rec
	6		0/.6				
			0/1.1				
	7		0/.94				
			1.5/3				
	8						
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 3.85' Rec	
	0'-0.55', Silt loam with grass roots	
	0.55'-3.85', Disturbed/Fill	
	Fine to Coarse Gravel & Cobbles with VF-Med. Sand & Silt, Trace clay, Dry to Moist	
5	5'-10', 2.8' Rec., Dry	
	5'-5.65', Fill as above	
	5.65'-7.8', light brown uniform Sand	



HTW DRILLING LOG

HOLE NO. SB10

PROJECT AOC 9 PDI | INSPECTOR Robert a Maya | SHEET 9 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9		FID/PID	NA		NA	
	10						
			0/.14				
	11		0/.22				
			1.5/.31				
	12		2.2/4.6				
			3.6/82				
	13						
	14						
	15						
			57/125				3.2' Rec
	16		345/271				
			315/356	90825 Collect AOC9-SB01 (16.5) from 16.5' BGS			
	17		213/58				
			291/66				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
10	10'-15', 2.6' Rec Water @ 11.9' BGS			
	10'-12.35', light brown Uniform fine Sand			
	12.35'-12.6', light gray/brown Uniform fine Sand			
15	15'-20, 3.2' Rec Wet (odor)			
	15'-17.1', Sand as above w/Dark Gray stain from 16.65'-16.85'			
	17.1'-18.2', VF-Fine Uniform light brown Sand			

HTW DRILLING LOG

HOLE NO. SB10

PROJECT AOC9 PDF | INSPECTOR Robert a Mayer | SHEET OF 7 SHEETS 9

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	18		FID/PID @18 23/45	NA		NA	
	19						
	20				@0845 Collect AOC9-SB10-2(20.5')		
			32/2				
	21		2.2/1.6				
			2.3/1.7				
	22		1.4/.16				
			1.1/.19				
	23		0.8/.11				
			0/.09				
	24		0/.12				
	25						
			3.1/1.6				
	26						
			3.2/.19				
	27						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
20	20'-25', 4.1' Rec.			
	20'-24.1', Uniform VF-Fine light brown Sand			
25	25'-30', 3.4' Rec.			
	25'-25.7', light brown sand as above			
	25.7'-26.35', light gray VF-Med. Sand			
	26.35'-28.3' Gray Till, Clay & shale Frags (weathered)			
	Very Tight, dense, wet but not saturated			
	B.O.H @ 30' BGS			

HTW DRILLING LOG

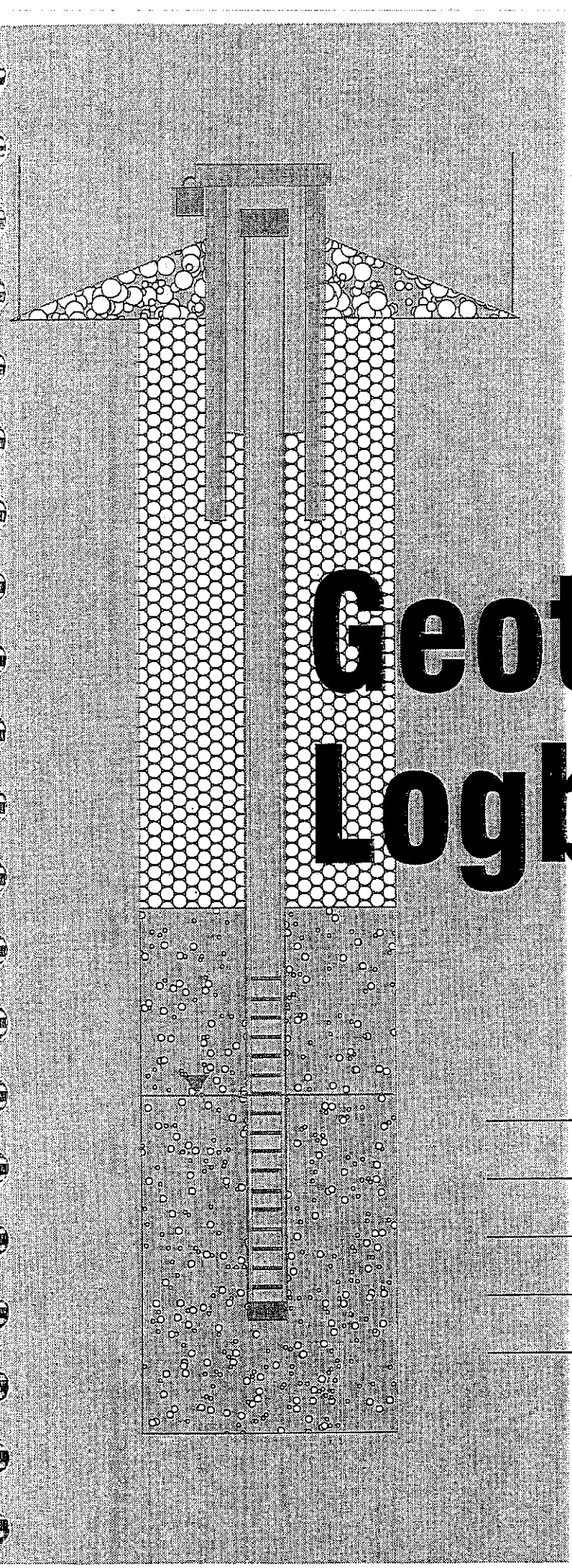
HOLE NO. SB10

PROJECT AOC 9 PDI

INSPECTOR Robert O'Mara

SHEET OF 9 SHEETS 9

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	27		2/.31	NA		NA	
	28		1.4/.19				
	29						
	30	B.O.H @ 30' BGS					



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, Through SB13

ecology and environment, inc.
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Borehole Record for AOC 9-SB11

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

1 COMPANY NAME EEEPC	DISTRICT Kansas City	HOLE NUMBER AOC9-SB11
2 DRILL SUBCONTRACTOR Zebra		SHEET 1 OF 9
3 PROJECT AOC9 PDI	4 LOCATION East of B913	
5 NAME OF DRILLER Dom Pino	6 MANUFACTURER'S DESIGNATION OF DRILL GeoProbe 6620DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT GeoProbe MacroCore 2" OD.	8 HOLE LOCATION Adjacent to TW39	
	9 SURFACE ELEVATION	
	10 DATE STARTED 6-25-07	11 DATE COMPLETED 6-25-07
12 OVERBURDEN THICKNESS 22.80' to Till	15 DEPTH GROUNDWATER ENCOUNTERED 9.5' BGS	
13 DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —	
14 TOTAL DEPTH OF HOLE 25'	17 OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —	

18 GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	—

20 SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22 DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23 SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert A. Mayer

LOCATION SKETCH/COMMENTS SCALE:

See SB01 Log

PROJECT AOC9 PDI	HOLE NO AOC9-SB11

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE

Top of Grout _____ ft

Top of Seal at _____ ft

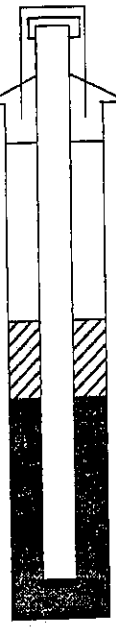
Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____



Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____
- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL

Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches



Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB11

PROJECT AOC9 PDI

INSPECTOR Robert A. Meyer

SHEET OF 3 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				
			0/2	NA		NA	3.7' Rec.
	1		0/1.3				
	2		0/1.5				
	3		0/1.1				
	4						
	5						
	6						
	7		+0				2.4' Rec
			+0				
	8		0/1.31				Water @ ≈ 9.5' BGS
			0/1.4				
	9		107/1.6				

PROJECT AOC9 PDI

HOLE NO. AOC9-SB11

MRK FORM 55-2

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0-5', 3.7' Rec, Moist @ 2.5'			
0	0 to 0.2 Asphalt			
	0.2' to 2.5' Road base (crushed stone & Sand			
	2.5' to 3.7', Fine light brown sand w/trace gravel			
2.5				
5	5'-10', 1.8' Rec., bottom half is wet, (from 8.2'-10' Apparently) estimate water @ ≈ 9' BGS			
	VF to Fine light brown Sand becoming light gray			
	*Re-drive from 5' to 10' to improve Recovery			
	2nd Try, 2.4' Rec. Appears to be a void between 6 & 8' BGS			
	≈ 7.6' to 10' BGS, VF to find Sand, light brown becoming light gray from 9.6' to 10'			
	Water @ ≈ 9.5' BGS			
9				

HTW DRILLING LOG

HOLE NO. SB11

PROJECT AOC9 PDI

INSPECTOR Rubt a Mayer

SHEET 8 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9		FID/PID				
			86.4/33.1	NA		NA	
			8.3/42.9				
	10		196/185				3.6' Rec
			232/259				
	11		494/246		1120 Collect AOC9-SB11-1 (11.5') From 11.5' BGS		
			330/148				
	12		293/160				
			0/16.3				
	13		0/19.4				
	14						
	15				1145 Collect AOC9-SB11-2 (15.5')		
			0/1.9				
	16		0/1.6				
	17		0/2.3				
	19						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
10	10'-15', 3.6' Rec. Wet VF-Fine Sand, strong odor, Gray from 10' to 12.8', light brown from 12.8' to 13.0'			
15	15' to 20', 3.9' Rec. 15-18.9', light brn Sand as above			

HTW DRILLING LOG

HOLE NO. SB11

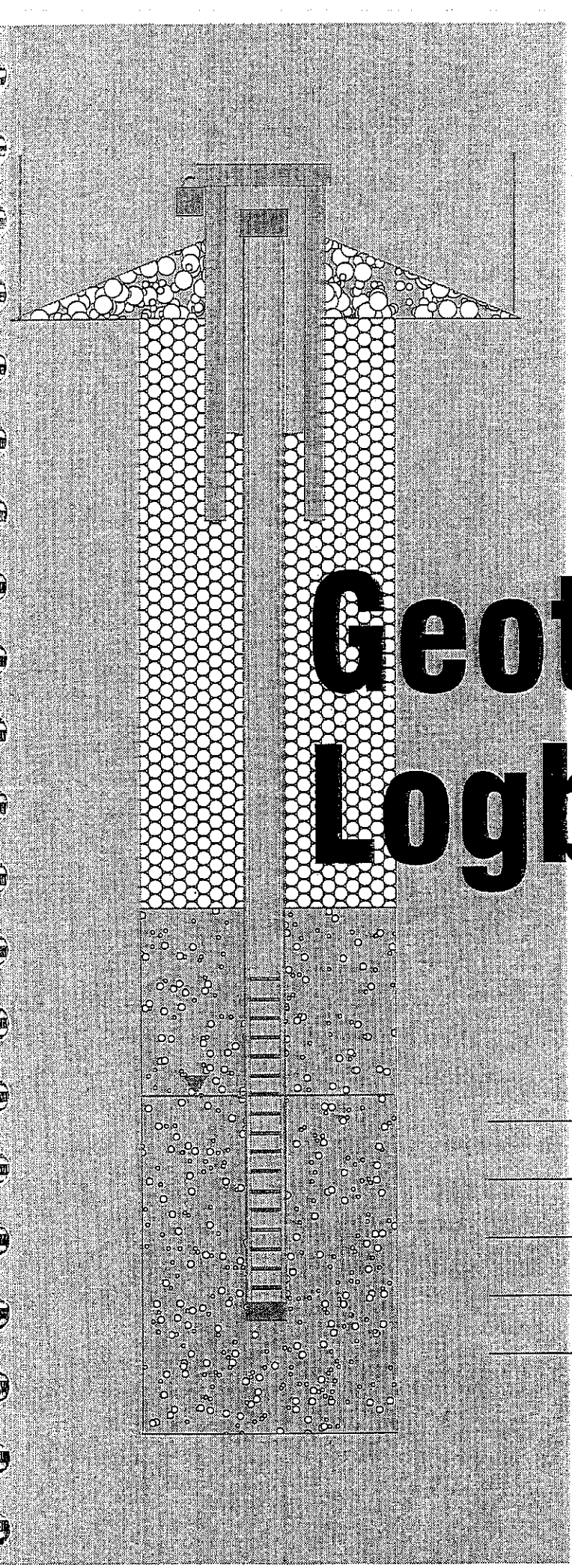
PROJECT AOC 9 PDI | INSPECTOR Robert A Mayer | SHEET 3 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	18		FID/PID				
			0/2.3				
	19						
	20						4.4' Rec
			0/.34				
	21		0/.19				
	22		0/.31				
	23		0/.22				
	24						
	25						
	26						
	27						

PROJECT AOC 9 PDI | HOLE NO. AOC9-SB11

MRK FORM 55-2

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊘
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 4.4' Rec	○	○	○
20	20' to 21.85' Light brown VF-Fine Sand	○	○	○
	21.85' to 22.80', VF to Fine Gray Sand, trace med to Coarse sand	○	○	○
	22.80' to 24.4', Gray Till, silt & VF Sand with little Clay and shale Fragments	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
25	B.O.H @ 25' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, through SB13

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-SB12

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: AOC9-SB12
1 COMPANY NAME: EEEPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF SHEETS
3 PROJECT: AOC 9 PDI	4. LOCATION: Former Griffis AFB	
5 NAME OF DRILLER: Dom Pino	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: ~~GeoProbe Macrocore~~ 2" OP	8 HOLE LOCATION: East B 913	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 6-25-07	11 DATE COMPLETED: 6-25-07
12. OVERBURDEN THICKNESS: Till @ 24.15'	15. DEPTH GROUNDWATER ENCOUNTERED: 8.7'	
13. DEPTH DRILLED INTO ROCK: NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 25'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES: NA		
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)
	✓	—	—	—	—
22. DISPOSITION OF HOLE	✓ BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR: Robert A Myers	21 TOTAL CORE RECOVERY: %
	Bentonite	—	—		

LOCATION SKETCH/COMMENTS — SCALE:

See SB01 Log

PROJECT: AOC9 PDI	HOLE NO: AOC9-SB12

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL

Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

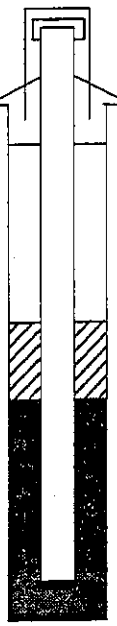
Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____



Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

- ☐ PVC _____
- ☐ Stainless Steel _____

Pack Type/Size:

- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SBR

PROJECT AOC 9 PDT

INSPECTOR Robert C Mayer

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		~~FID/PID~~	NA		NA	
			0/1.1				3.6' Rec
	1						
			0/1.0				
	2						
			1.40				
	3						
			1.21				
	4						
	5						
			0/1.1				3.9' Rec Water @ 5.7'
	6						
			0/1.11				
	7						
			0/1.12				
	8						
			237/2.9				
	9		1				

PROJECT AOC9 PDT

HOLE NO. AOC9-SB12

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
0	0-5', 3.6' Rec.	⊗	○	○
	0'-1.9' Road base (crushed stone, silt + sand)	⊗	○	○
	1.9'-2.35', wet VF brown sand	⊗	○	○
1	2.35'-3.6', brown (Fill) silt & gravel (Fine-Coarse/Angular)	⊗	○	○
	with some VF-Med. Sand.	○	⊗	○
		○	⊗	○
2		○	○	⊗
		○	⊗	○
		○	⊗	○
3		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
4		○	⊗	○
		○	⊗	○
		○	⊗	○
5	5'-10', 3.9' Rec., Water @ 8.7'	○	⊗	○
	5'-8.45', light brown VF-Fine Sand.	○	⊗	○
	8.45' to 8.9', light gray VF-Fine Sand, slight odor	○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
9		○	○	⊗

HTW DRILLING LOG

HOLE NO. SB12

PROJECT AOC 9 PDI

INSPECTOR Robert A Williams

SHEET OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9		FID/PDI				
	10						3.9' Rec.
			2239/183				
	11		2373/421				
			932/423				
			1711		1230 Collect		
	12		1244/321		AOC9-SB12-1(12')		Plus Dup
			1656/346				
	13		1541/215				
			454/80 RAH				
	14						
	15				1246 Collect		
			0/.41		AOC9-SB12-2(15.5')		3.8' Rec
	16		0/.19				
	17		0/.29				
	18						

PROJECT AOC9 PDI

HOLE NO. ~~AOC9~~ SB12

MRK FORM JUN 89 55-2

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
10'	10'-15', 3.9' Rec. 10'-13.2', VF-Fine ~~light brown~~ Gray Sand, w/ odor 13.2'-13.9', VF-Fine light brown Sand.	
15'	15-20', 3.8' Rec. 15-18.8' Uniform VF-Fine, light brown Sand	

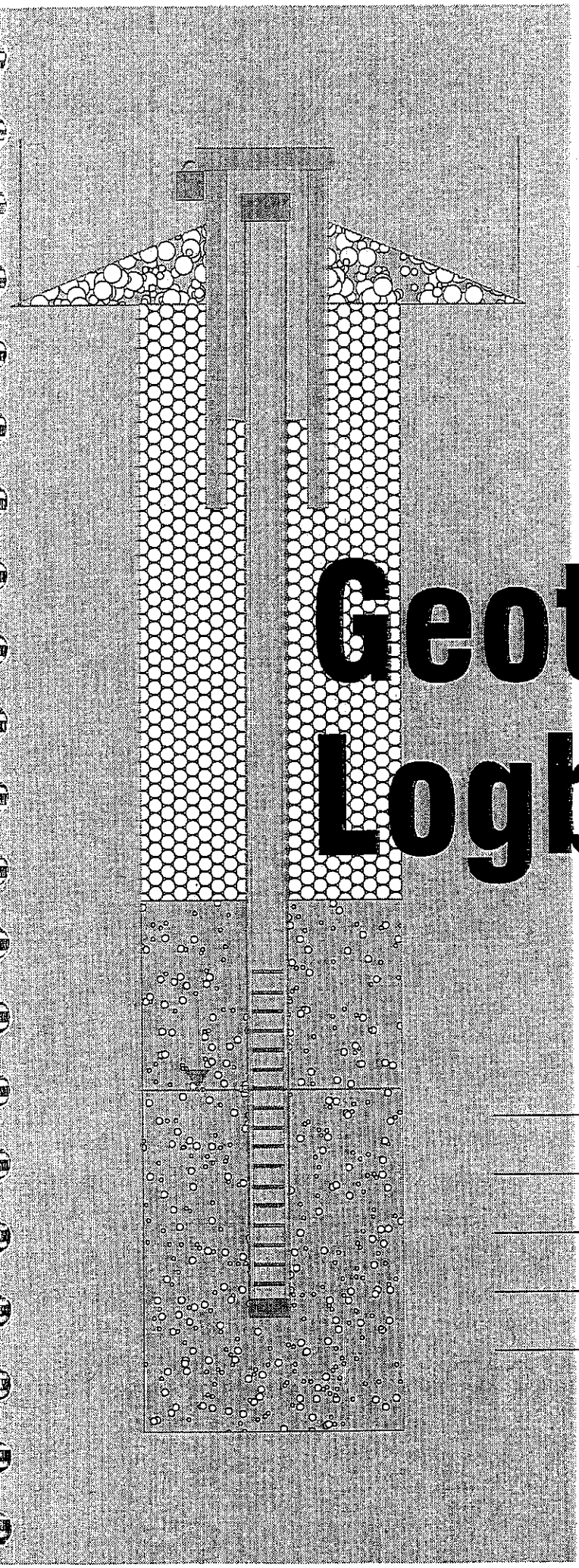
HTW DRILLING LOG

HOLE NO. SB12

PROJECT ADC 9 PDI | INSPECTOR Robert a Mayer | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
			0/.37				
	19						
	20						4.4' Rec.
	21		0/.23				
	22		0/.16				
	23		0/.22				
	24		0/.19				
	25						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
20'	20'-25', 4.4' Rec.	
	20' to 22.45', Light brown VF-Fine Uniform Sand	
	22.45'-24.15', light gray VF-Med. sand	
	24.15' to 24.4', Till, Silt + Clay with shale fragment & little sand.	
25'	B.O.H @ 25' BGS	



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 2

Project Number: 002275.PT04.20

Client/Site Name: USACE/AOC 9 (Griffiss)

Drilling Company: Zebra

Date of Field Activities: 6-21-07

Holes Logged in Book: AOC9-SB06, Through SB13

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-SB13

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City
HOLE NUMBER: AOC9-SB13
SHEET 1 OF SHEETS

1 COMPANY NAME: EEEPC	2 DRILL SUBCONTRACTOR: Zebra
3 PROJECT: AOC9 PDI	4 LOCATION: Former GAFB
5 NAME OF DRILLER: Dom Pino	6 MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macrocore 2" OD	8 HOLE LOCATION: Adjacent to B913
	9 SURFACE ELEVATION:
	10 DATE STARTED: 6-25-07 / 11 DATE COMPLETED: 6-25-07
12 OVERBURDEN THICKNESS: To Till	15 DEPTH GROUNDWATER ENCOUNTERED: 14.2'
13 DEPTH DRILLED INTO ROCK: NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA
14 TOTAL DEPTH OF HOLE: 30'	17 OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA

18 GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	NA

20 SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY
	✓	—	—	—	—	— %

22 DISPOSITION OF HOLE	✓ BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23 SIGNATURE OF INSPECTOR
	Bentonite	—	—	Kristal Mayo

LOCATION SKETCH/COMMENTS — SCALE:

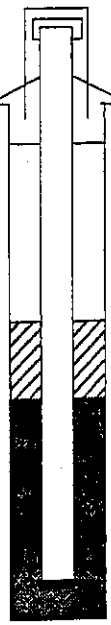
See SB01 Log

PROJECT: AOC 9 PDI — HOLE NO: AOC9-SB13

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL



Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

☐ PVC _____

☐ Stainless Steel ____

Pack Type/Size:

☐ Sand _____

☐ Gravel _____

☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB13

PROJECT AOC 9 PDI

INSPECTOR Robert a Meyers

SHEET 1 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID	NA		NA	
			0/1.5				
	1						
			0/1.3				4.4' Rec.
	2						
			0/27				
	3						
			0/0.9				
	4						
	5						
			0/1.7				3.4' Rec.
	6						
			0/59				
	7						
			0/3.3				
	8						
			+				
	9						

PROJECT AOC9 PDI

HOLE NO. AOC9-SB13

MRK FORM JUN 89 55-2

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
0	0-5', 4.4' Rec	⊗	○	○
	0-3.3', Silt + VF Sand with little rounded gravel & trace clay	⊗	○	○
	3.3' to 4.4', VF light brown sand w/ trace rounded fine gravel	⊗	○	○
		⊗	○	○
		⊗	○	○
		○	⊗	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		○	⊗	○
		○	⊗	○
4.4'		○	⊗	○
		○	⊗	○
		○	⊗	○
5	3.4'	○	⊗	○
	5'-10' ~~4.2~~ Rec Moist	○	⊗	○
	5'-8.15', VF to Coarse sand & fine gravel with little silt & coarse gravel	○	⊗	○
	8.15' to 8.4', Uniform Fine light brown sand.	○	⊗	○
		○	⊗	○
		○	⊗	○

HTW DRILLING LOG

HOLE NO. SB13

PROJECT AOC9 PDI | INSPECTOR Robert A Mayer | SHEET 1 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	10		FID/PID	NA		NA	
			64/13.9				4.4' Rec
	11		14.7/16.2				water @ 14.2' BGS
	12		9.4/21.1				
	13		158/243				
	14						
	15		316/238		1430 Collect AOC9-SB13-1(16.5)		3.6" Rec.
	16		1511/258				
			2915/249				
	17						
			2447/375				
	18						

PROJECT AOC9 PDI | HOLE NO. AOC9-SB13

MBK FORM 55-2

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 4.4' Rec. Fine light brown Sand becoming light gray @ ~14.1' BGS Water @ 14.2' BGS	
14.2		
	15'-20', 3.6' Rec. 15'-17.15', Gray VF-Fine Sand, with odor 17.15' to 18.6', Uniform VF Sand w/ little silt.	

HTW DRILLING LOG

HOLE NO. SB13

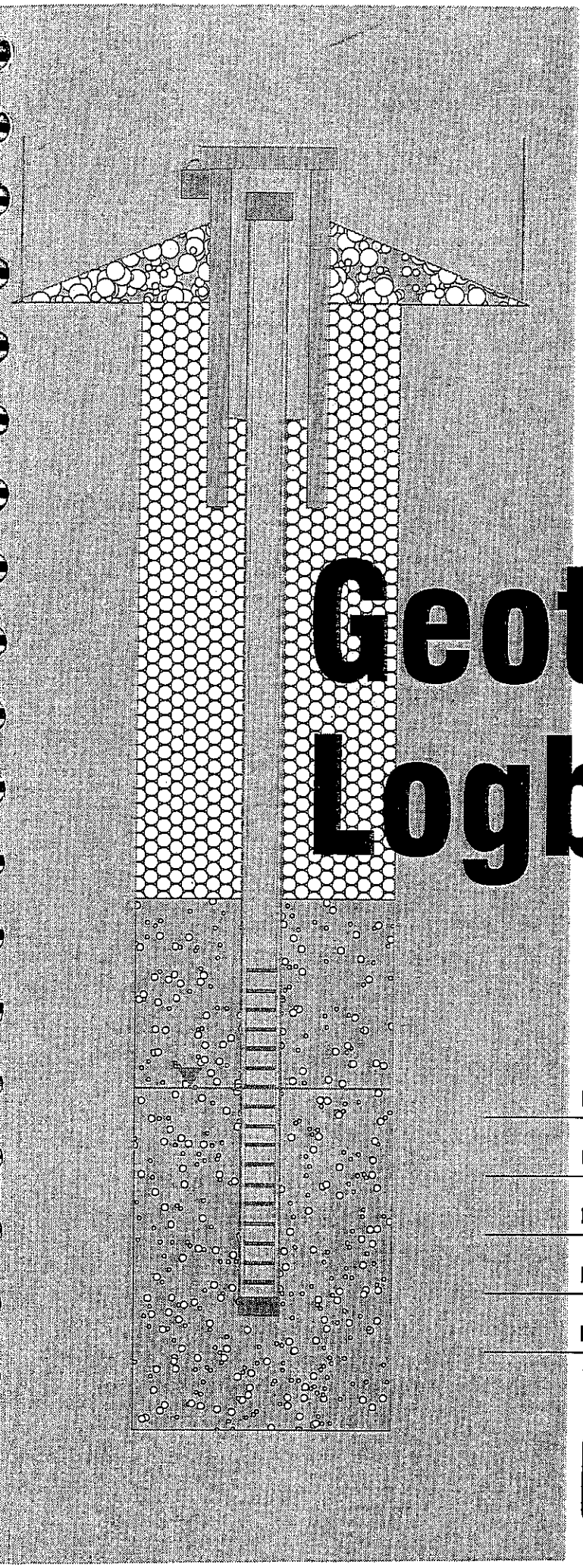
PROJECT AOC9 PDI

INSPECTOR Robert a Myer

SHEET OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID 532/460	NA		NA	
	20		1.6/3.1				3.6' Rec
	21		52.4/6.6		@1500 Collect AOC9-SB13-2(21.5)		
	22		0/.05				
	23		0/.05				
	24						
	25		0/.40				3.9' Rec
			0/.35				FID/PID @21.5 0/.56 @ 26.5' 0/.44

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20'-25', 3.6' Rec.			
	VF - Fine light brown sand, gray (thin) seams throughout (≤ 10% Total of Core)			
25	25' to 30' 3.9' Rec.			
	Gray Till, VF to Coarse Sand and gravel (Fine to Coarse) with shale fragments, little silt and clay			



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 002275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

ecology and environment, inc.
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Borehole Record for AOC9-SB14

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

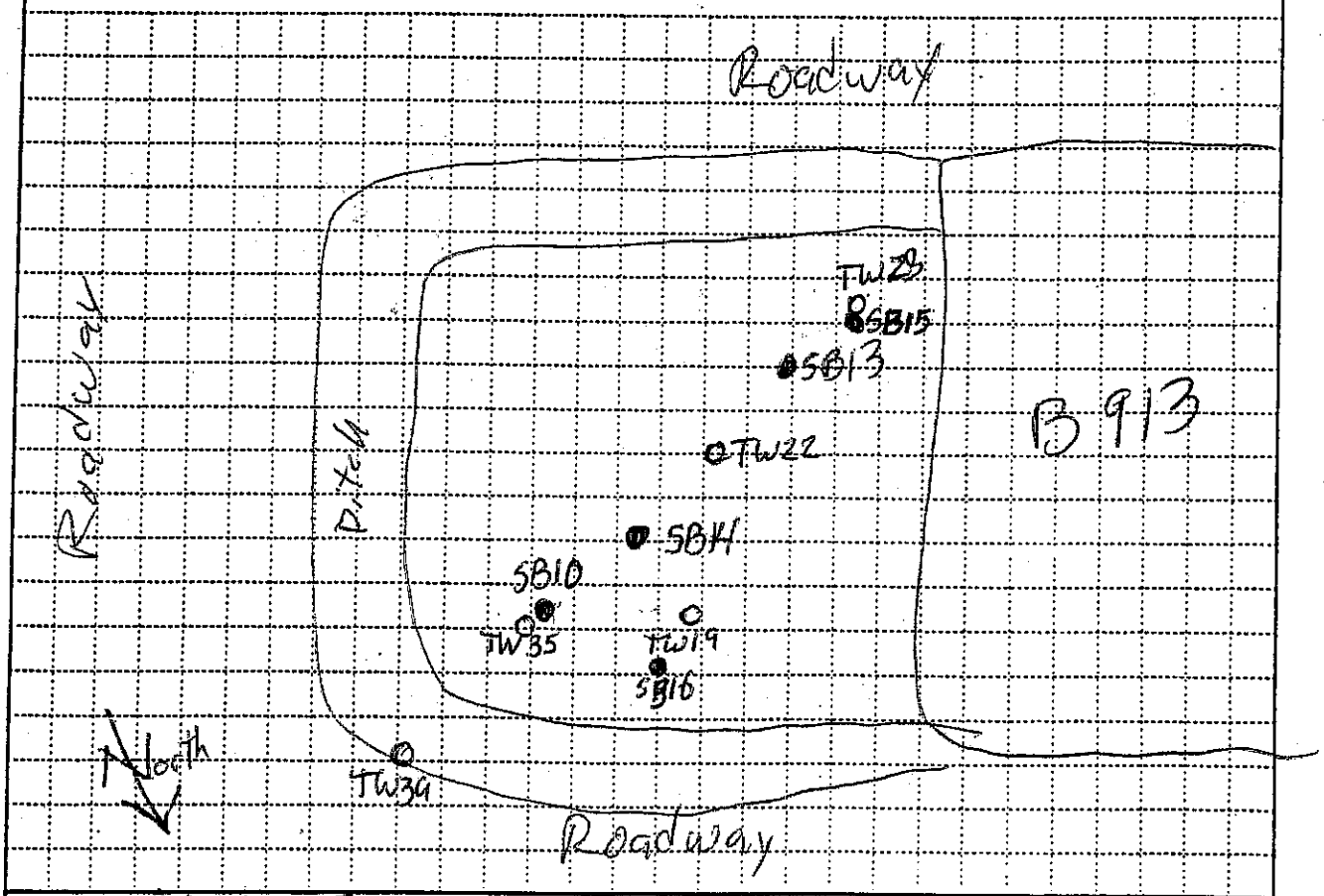
HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB14
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 SHEETS OF
3 PROJECT AOC9 PDT	4. LOCATION Griffiss AFB	
5 NAME OF DRILLER Dom Pino	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe MACROCORE 2" OD	8 HOLE LOCATION Adjacent to B913	
	9. SURFACE ELEVATION	
	10. DATE STARTED 6-25-07	11 DATE COMPLETED 6-25-07
12. OVERBURDEN THICKNESS Till @ 25.8'	15. DEPTH GROUNDWATER ENCOUNTERED 13.1'	
13. DEPTH DRILLED INTO ROCK NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA	
14. TOTAL DEPTH OF HOLE 30'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert Mayer

LOCATION SKETCH/COMMENTS SCALE:



PROJECT AOC9-PDI	HOLE NO AOC9-SB14

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

☐ PVC _____

☐ Stainless Steel _____

Pack Type/Size:

☐ Sand _____

☐ Gravel _____

☐ Natural _____

OPEN-HOLE WELL

Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB14

PROJECT AOC9 PDI | INSPECTOR Robert A Meyer | SHEET OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	1		0/1.1				4' Rec
	2		0/1.90				
	3		0/1.32				
	4		0/1.25				
	5						
	6		0/1.25				3.8' Rec
	7		0/1.57				Photo #5 Disk 2
	8		0/1.48				
	9		0/1.52				

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 4.4' Rec.	⊗	○	○
	0'-0.6', Silt loam, dry	○	⊗	○
	0.6' to 4.4', Disturbed materials, VF to Coarse Sand with Some rounded gravel and trace silt.	○	◐	○
5'	5'-10', 3.8' Rec. Moist (Photo # 5 Disk) VF to Coarse Sand & Rounded Gravel (Fine to Coarse)	○	◐	○

HTW DRILLING LOG

HOLE NO. SB14

PROJECT AOC9 PDI | INSPECTOR Robert a Mayo | SHEET OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10		0/.86				3.5' Rec. wet @ 13.1' BGS
	11		0/.72				
	12		0/.75				
	13		@13.3 541.9/29.9				
	14						
	15		342/247		@1615 Collect AOC9-SB14-1(16.5)		3.3' Rec
	16		1039/411				
	17						
	18		95 3/351				

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 3.5' Rec	
	10'-13.1', VF to Fine Uniform light brown sand	
	13.1' to 13.5', Dark gray Uniform Fine Sand (odor)	
13.1'		
15'	15'-20', 3.2' Rec	
	15'-18.2', light brown VF. Fine sand with Gray layers (horizontal) ≈ ¼" to ⅛" Thick consistantly throughout	

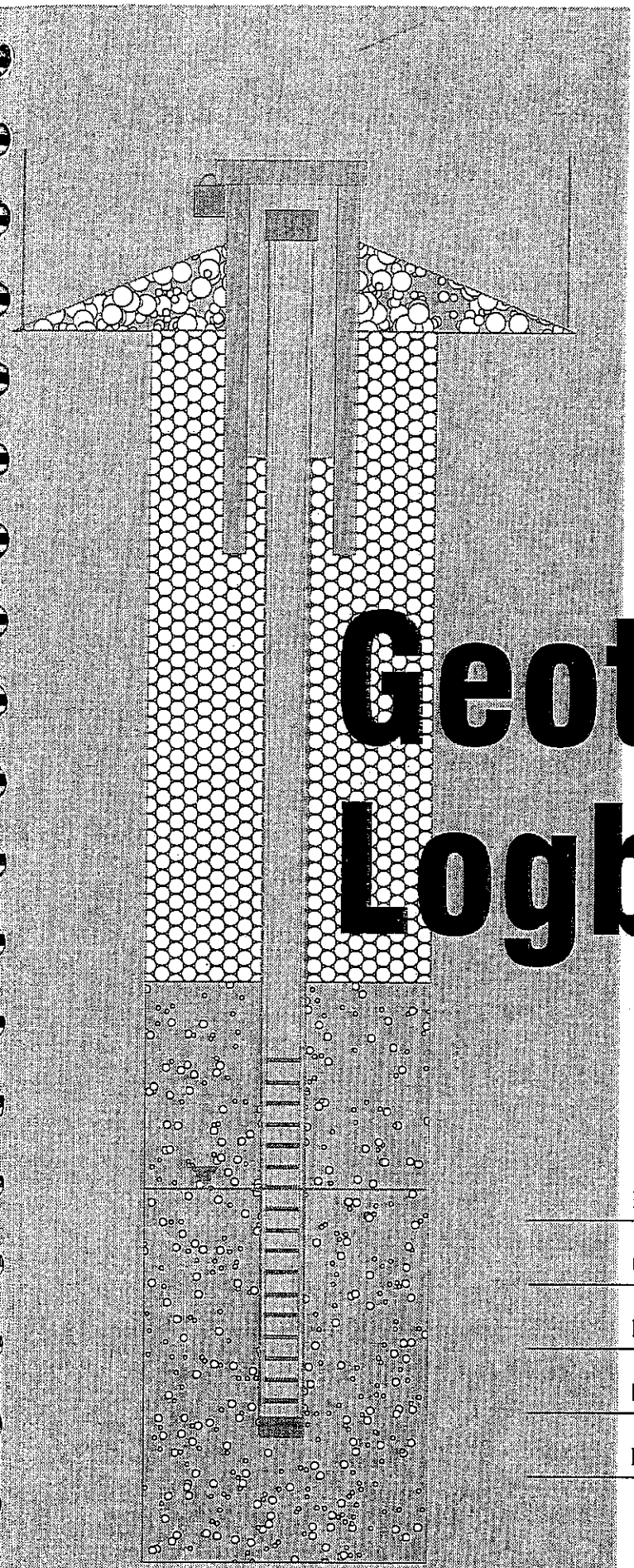
HTW DRILLING LOG

HOLE NO. SB14

PROJECT AOC9 PDI | INSPECTOR Robert a Mayer | SHEET OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	19						
	20		0/16				3.7' Rec
	21		0/7				
	22		1.5/1.8		@1700 Collect AOC9-SB14-2 (22.5)		
	23		0/1.95				
	24						
	25		0/1.40	@25.5'			
	26		0/1.44	@26.5'			3.8' Rec
			0/1.31	@27.5'			
	27		0/1.19	@28.5'			

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
20	20' - 25', 3.7' Rec. 20' to 23.7', Uniform VF to Fine light brown Sand, No odor	
	25'-30', 3.8' Rec 25' to 25.80', Sand as above 25.80' to 28.8', Gray Till (VF-Med Sand, Silt, gravel & shale Fragments w/ Some Clay. B.O.H @ 30' BGS	



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 002275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

ecology and environment, inc.
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Borehole Record for AOC 9-SB15

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City
HOLE NUMBER: AOC9-SB15
SHEET 1 OF 5

1 COMPANY NAME: EEEPC
2. DRILL SUBCONTRACTOR: Zebra
3 PROJECT: AOC9 PDI
4. LOCATION: Former GAFB
5 NAME OF DRILLER:
6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macro Core 2" OD
8 HOLE LOCATION: Mound East of B913 / NW28
9. SURFACE ELEVATION:
10. DATE STARTED: 6-25-07
11 DATE COMPLETED: 6-25-07
12. OVERBURDEN THICKNESS: Till @ 28.05'
15. DEPTH GROUNDWATER ENCOUNTERED: 13.91'
13. DEPTH DRILLED INTO ROCK: NA
16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA
14. TOTAL DEPTH OF HOLE: 30'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA
18. GEOTECHNICAL SAMPLES: DISTURBED — UNDISTURBED —
19 TOTAL NUMBER OF CORE BOXES: NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert A Mayer

LOCATION SKETCH/COMMENTS — SCALE:

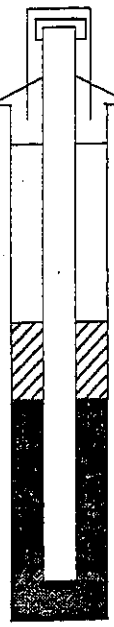
See SB14 Log

PROJECT: AOC9 PDI — HOLE NO: AOC9-SB15

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL



Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____
- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○

HTW DRILLING LOG

HOLE NO. SB15

PROJECT AOC9 PDI

INSPECTOR Robert A Myers

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			PID/PID	NA		NA	
	1		0/1.32				4.4' Rec
	2		0/.51				
	3		0/1.4				
	4		0/.99				
	5		0/.55				3.8' Rec
	6		0/.50				
	7		0/.27				
	8		0/				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 4.4' Rec	⊗	○	○
	0'-0.6', silt loam	○	○	○
	0.6'-4.4', VF sand and silt (disturbed) with Fill	○	○	○
	some Fine to coarse rounded gravel	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 3.8' Rec.	○	○	○
	5' to 8.1', Fill as above	○	○	○
	8.1' to 9.8', VF to Fine light brown sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	Moist @ 9.6' BGS	○	○	○
		○	⊗	○
9.6		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○

HTW DRILLING LOG

HOLE NO. SB15

PROJECT AOC 9 PDI | INSPECTOR Robert Allen | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10						4.1' Rec.
	11		0/1.64				
	12		0/1.8				
	13		0/1.37				Water @ 13.9
	14		43/1.29				
	15						
			486/11.8				3.85' Rec
	16		494/12.96				
	17		2389/427				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15' 4.1' Rec Water @ 13.9' BGS	
	10'-13.2', VF to Coarse Sand & rounded Gravel with little Silt	
	13.2'-14.1', VF light brown Sand, Uniform	
	13.9' water	
	15'-20', 3.85' Rec	
	15' to 17.95', Sand as above	
	17.95'-18.85', light Gray Sand w/Odor	

HTW DRILLING LOG

HOLE NO. SB15

PROJECT AOC9PDI

INSPECTOR Robert Allen

SHEET 8 OF 7 SHEETS

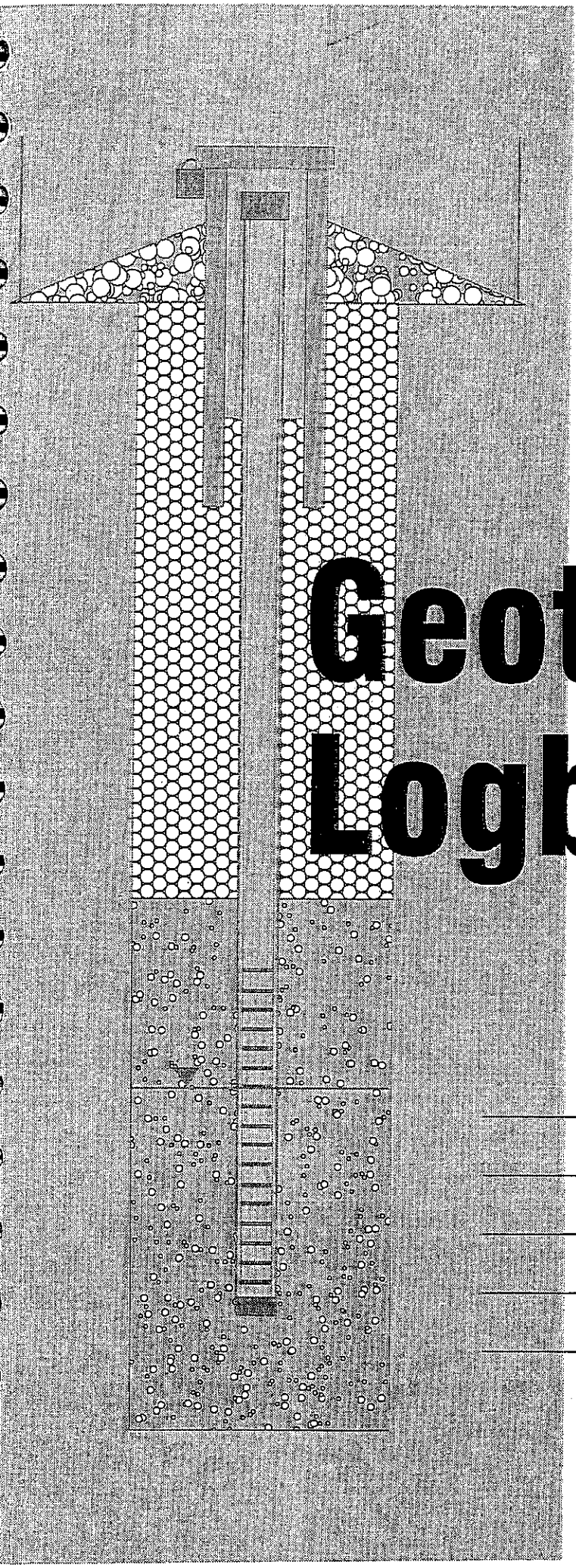
ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID 2995/621		@1740 Collect AOC9-SB15-1 (18.5')		
	20		23.7/3.2				3.9' Rec
	21		92.4/4.8		@1750 Collect AOC9-SB15-2 (22.5')		
	22		0/1.98				
	23		0/1.03				
	24						
	25		0/0.5 @25.5 0/0.6 @26.5 0/0.8 @27.5 0/0.5 @28.5				3.7' Rec.
	26						
	27						

PROJECT AOC 9 PDI

HOLE NO. AOC9-SB15

MRK FORM 55-2

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
20'	20'-25', 3.9' Rec. 20' to 23.35', VF to Fine light brown Sand 23.35' to 23.9', VF to Coarse Sand and Fine to Med. Gravel.	
25'	25' to 30' 3.7' Rec. 25' to 28.05', Sand & Gravel as above 28.05' to 28.7', Gray Till (Silt+Clay w/ some VF to Coarse Sand and Gravel/Shale Fragments	
	B.O.H @ 30' BGS	



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 002275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

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Borehole Record for AOC9-SB16

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB16
1 COMPANY NAME EECPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 8

3 PROJECT AOC9 PDI	4. LOCATION former GAFB
5 NAME OF DRILLER Jared Plank	6. MANUFACTURER'S DESIGNATION OF DRILL
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macro Core 2" OD	8 HOLE LOCATION AOC9, B913 Mound
	9. SURFACE ELEVATION
	10. DATE STARTED 6-26-07 / 11 DATE COMPLETED 6-26-07
12. OVERBURDEN THICKNESS 26,35' to Till	15. DEPTH GROUNDWATER ENCOUNTERED 12.7' BGS
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —
14. TOTAL DEPTH OF HOLE 30'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert A Myer

LOCATION SKETCH/COMMENTS SCALE:

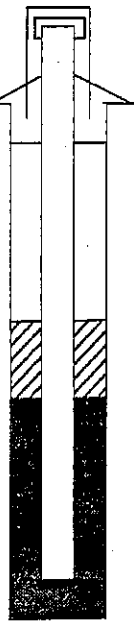
See Log SB14

PROJECT AOC9 PDI	HOLE NO AOC9-SB16

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL



Stick-up_____ft

Top of Grout _____ft

Top of Seal at_____ft

Top of Sand Pack _____ft

Top of Screen at _____ft

Bottom of Screen at _____ft

Bottom of Hole at _____ft

Bottom of Sandpack at _____

Lock Number_____

Inner Casing Material_____

Inner Casing Inside Diameter____inches

GROUND SURFACE

Quantity of Material Used:
Bentonite Pellets_____

Cement_____

Borehole _____inches Diameter

Cement/ Bentonite_____

Grout_____

Screen Slot Size _____

Screen Type _____

- ☐ PVC_____
- ☐ Stainless Steel ____

Pack Type/Size:

- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up_____ft

Inner Casing Material_____

Inner Casing Inside Diameter_____inches

Outer Casing Diameter_____inches

Borehole Diameter_____ft

Bedrock_____ft

Bottom of Rock Socket/ Outer Casing _____ft

Bottom of Inner Casing_____ft

Corehole Diameter_____

Bottom of Corehole_____ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB16

PROJECT AOC 9 PDI

INSPECTOR Robert C. Ruger

SHEET 3 OF 3 SHEETS B

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				
			0/11	NA		NA	3.7' Rec
	1						PID being affected by very high humidity
			0/42				
	2						
			0/22				
	3						
			0/21				
	4						
	5						
			0/28				4.3' Rec
	6						
			0/14.9				
	7						
			0/9.8				
	8						
			0/4.7				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 3.7' Rec Dry 0' to 2.1', Moist 2.1' to 3.7'	⊗	○	○
	0' to 0.7', Silt loam	⊗	○	○
	0.7' to 3.7', Med. brown VF to Fine Sand w/some silt & little rounded gravel	⊗	○	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 4.3' Rec	○	○	○
	5'-9.3', Uniform Fine light brown Sand, moist	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB16

PROJECT AOC 9 PDI

INSPECTOR Robert a Mayo

SHEET 9 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
				NA		NA	
	10		0/5.4				water @ 12.7' BGS
	11		0/0.9				5' Rec.
	12		0/2.5				
	13		0/1.69				
	14		0/2.1				
	15		2100/4.5		@0805 Collect AOC9-SB16-1(15.5')		3.8' Rec
	16		911.9/3.9				
	17		102/3.1				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	10' - ~~15~~ 20', 5.0' Rec.	○	○	○
	Uniform Sand as above	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15'-20' 3.8' Rec.,	○	○	○
	15'-16.4', Sand as above, slightly Gray, (Brown/Gray)	○	○	○
	16.4'-18.8', Uniform light brown sand (VF-F)	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB16

PROJECT AOC9 PDI | INSPECTOR Robert a Mayo | SHEET 3 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
			0/.98				
	19						
	20			@0820 Collect AOC9-SB16-2(20.5)			3.65' REC.
			0/.19				
	21						
			0/.08				
	22						
			0/.21				
	23						
			0/.16				
	24						
	25						
			0/.11 @25.5'				3.7' REC
			0/.19 @26.5'				
			0/.24 @27.5'				
			0/.13 @28.5'				

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20'-25', 3.65 Rec.			
	20'-23.65' Uniform light Brown VF-Fine Sand			
	25'-30', 3.7' Rec			
	25-26.35', Sand as above			
	26.35'-28.7', Gray Till, Fine-Coarse Gravel & Sand with little silt/clay & shale fragments			
	B.O.H @ 30' BGS			



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 002275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9 SB17

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB17
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF SHEETS

3 PROJECT AOC9 PDI	4. LOCATION Former GAFB
5 NAME OF DRILLER Jared Plank	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620DT
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macro Core	8 HOLE LOCATION ~15's of SB09, Along Sewer Line
	9. SURFACE ELEVATION
	10. DATE STARTED 6-26-07 / 11 DATE COMPLETED 6-26-07
12. OVERBURDEN THICKNESS 'To Till	15. DEPTH GROUNDWATER ENCOUNTERED 10'
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —
14. TOTAL DEPTH OF HOLE	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	V	—	—	—	—	
22. DISPOSITION OF HOLE	**BACKFILLED**	**MONITORING WELL**	**OTHER (SPECIFY)**	**23. SIGNATURE OF INSPECTOR**		
	Bentonite	—	—	Robert Mayo		

LOCATION SKETCH/COMMENTS SCALE:

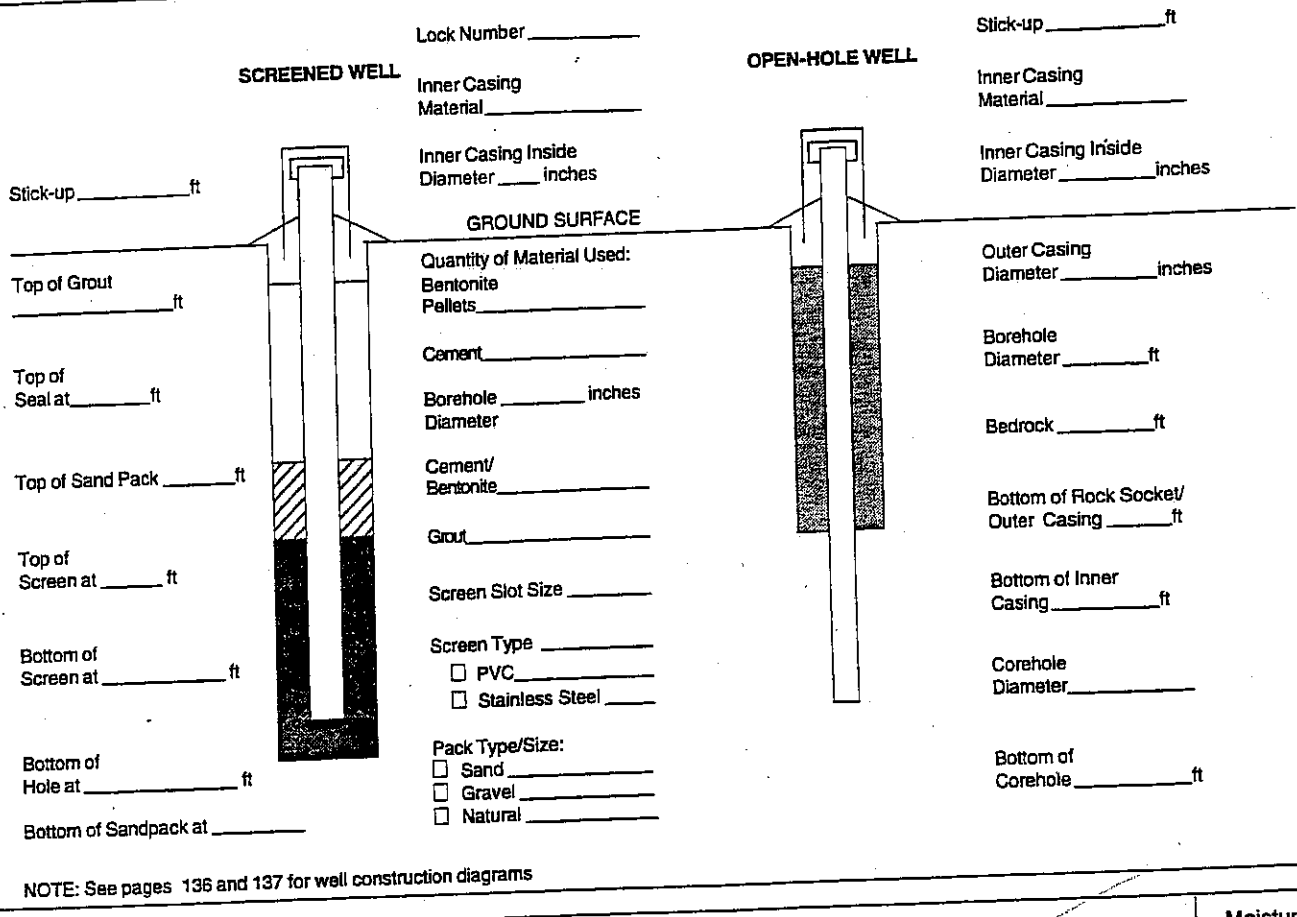
See SB01 log

* ~5' "North" of TW56 on West side of sewer line (overflow) to AFFF Pond

PROJECT AOC9 PDI	HOLE NO AOC9-SB17

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB17

PROJECT AOC 9 PDI

INSPECTOR Robert O'Hop

SHEET OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				
	1	Concrete					3.75' Rec
			0/10.1	NA		NA	
	2		0/5.6				
	3		0/4.1				
	4						
	5		0/42.6				
	6		0/18.6				2.6' Rec
	7		0/15.0				
	8						
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 3.75' Rec	
	0'-1.25' Concrete Roadway	
	1.25-1.7, Crushed stone base	
	1.7'-3.75', Disturbed Fill, VF to Coarse Sand & rounded Gravel with Some Silt, Discolored (Gray) from 3.45 to 3.75 w/odor	
	5'-10', 2.6' Rec.	
	5'-7.6', Fill Material; Fine-Coarse Gravel with little silt and VF-Coarse Sand	

HTW DRILLING LOG

HOLE NO. SB17

PROJECT AOC9 PDI

INSPECTOR Robert A Mayer

SHEET 1 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	10		FID/PID	NA		NA	Water @ 10'
			197/50.3		@0925 Collect AOC9-SB17-1(11.5')		2.2' Rec
	11		643/58				
			0/11.4		@0927 Collect AOC9-SB17-2(12')		
	12						
	13						
	14						
	15		0/.17				3.6' Rec
	16		0/.24				
	17		0/.11				
	18						

PROJECT AOC9 PDI

HOLE NO. AOC9-SB17

MRK FORM 55-2

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
--		

10'-15', 2.2' Rec Water @ 10' (or above)
10'-11.75', Gravel with little silt & VF-Coarse Sand
Black from 11.45' to 11.75' w/ odor
11.75' to 12.2', Uniform VF Sand

15'-20', 3.6' Rec
15'-18.6', Uniform VF-Fine Sand

HTW DRILLING LOG

HOLE NO. SB17

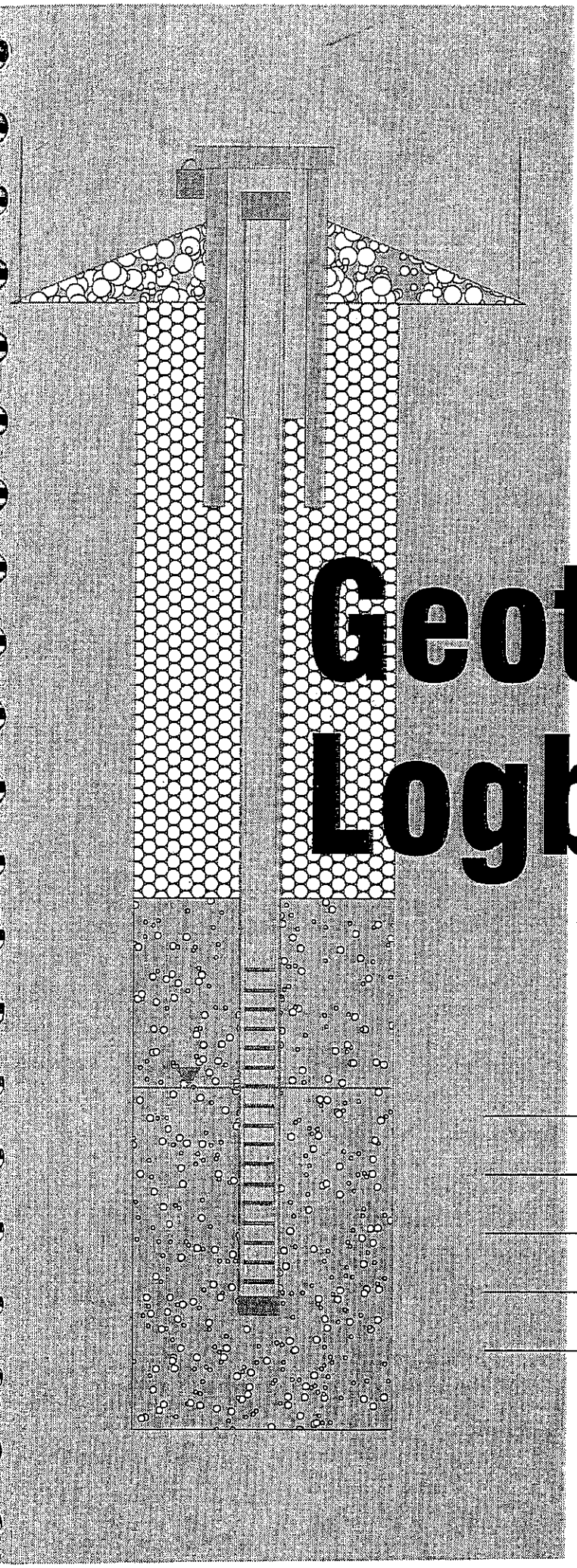
PROJECT AOC9 PDI

INSPECTOR Robert a Myers

SHEET OF SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID				
			0/.13	NA		NA	
	20						
			0/.11				
	21						
			0/.29				
	22						
			0/.27				
	23		0/.14				
	24						
	25						
	26						
	27						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20'-25', 3.4' Rec.			
	20'-21.85', Sand as above			
	21.85'-23.4', Gray Till, Silty Clay and Gravel/Shale Frags with little VF to Coarse Sand			
	B.O.H @ 25' BGS			



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 00275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

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Borehole Record for AOC9-SB18

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB18
1 COMPANY NAME EE&PC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF SHEETS

3 PROJECT AOC9 PDI	4. LOCATION Former GAFB
5 NAME OF DRILLER Jared Plank	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620DT
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT ~~Geoprobe~~ ~~MacROCORE~~ 2" OD	8 HOLE LOCATION ~~N 5' North TW56, 15' W SB09~~
	9. SURFACE ELEVATION
	10. DATE STARTED 6-26-07 / 11 DATE COMPLETED 6-26-07
12. OVERBURDEN THICKNESS Till @ 17.45'	15. DEPTH GROUNDWATER ENCOUNTERED 2.4'
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —
14. TOTAL DEPTH OF HOLE	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY —%
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert A Morgan

LOCATION SKETCH/COMMENTS SCALE:

Location in Ditch
@ TW53 location / TW71 Location
See SB01 Log

PROJECT AOC9-PDI	HOLE NO AOC9-SB18

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL

Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

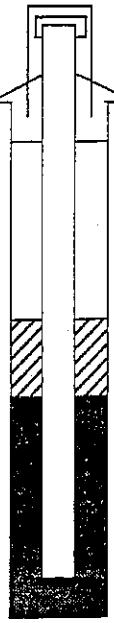
Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____



Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

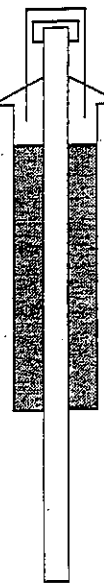
Screen Type _____

- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:

- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SBB

PROJECT AOC 9 PDI

INSPECTOR Robert a Myer

SHEET OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				
			0/1.39				
	1						3.4' Rec
							Wet @
			0/1.34				2.4'
	2						
			0/1.23				
	3		0/1.31				
	4						
	5						
			0/4				
	6						
			0/4.8				
	7						
			588/121				
	8				@1025 Collect		
					AOC9-SB1B-1 (3.5')		
			BH4/249		w/dup		
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 3.4' Rec Wet @ 2.4'	⊗	○	○
	0'-0.6', Silt loam w/cobble @ 0.6'	○	⊗	○
	0.6' to 1.65', VF to Med Uniform light brown Sand	○	⊗	○
	1.65'-3.4', Uniform VF to fine Sand	○	⊗	○
		○	⊗	○
		○	⊗	○
		○	○	⊗
	2.4'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 5' Rec	○	○	○
	5'-3.2', Sand as above	○	○	○
	3.2-5.0', VF to Fine Uniform Sand, light Gray @ 3.2' becoming dark gray @ 5.0',	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB18

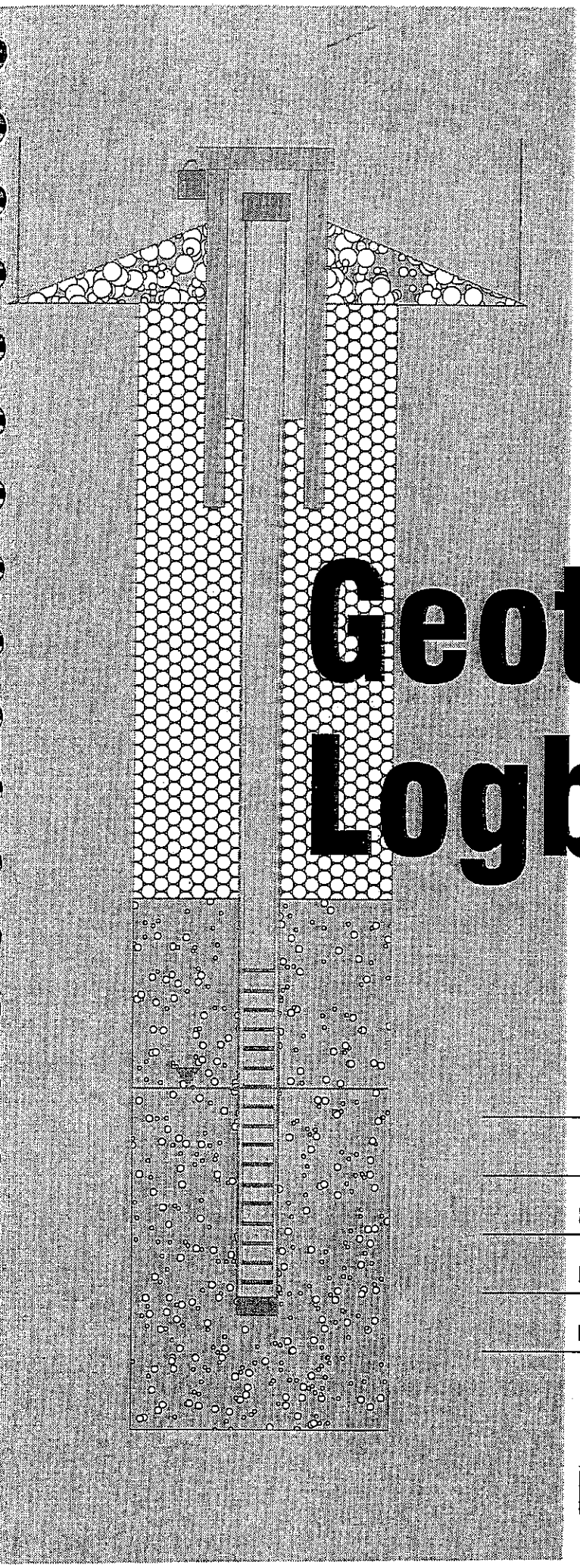
PROJECT AOC9 PDI

INSPECTOR [illegible]

SHEET OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
			840/21				
	10		1489/215				5' Rec
	11		99.2/33.6				
	12		0/1.9	@ 1040 Collect AOC9-SB18-2 (12.5')			
	13		0/2.1				
	14		0/.16				
	15		0/.27				3.45' Rec.
	16		0/.31				
			0/.18 @ 17.5'				
			0/.11 @ 18.0'				
	20						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	10'-15', 5.0' Rec			
	10'-10.7', Dark gray VF-Fine Sand as above (odor)			
	10.7' to 10.95', light-Med gray Sand w/odor			
	10.95' to 15', light brown VF-Fine Sand (No odor)			
	15'-20', 3.45' Rec.			
	15'-17.95', Sand as above			
	17.95'-18.45', Gray Till (VF-Coarse Sand w/Gravel)			
	B.O.H @ 20' BGS			



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 002275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC 9-SB19

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City

HOLE NUMBER: AOC9SB19

SHEET 1 OF SHEETS

1. COMPANY NAME: EEEPC
2. DRILL SUBCONTRACTOR: Zebra
3. PROJECT: AOC9 PDI
4. LOCATION: Former GAFB, Rome NY
5. NAME OF DRILLER: Jared Plank
6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620DT
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe MacroCore 2" OD
8. HOLE LOCATION: In ditch 20' West SB08
9. SURFACE ELEVATION:
10. DATE STARTED: 6-26-07
11. DATE COMPLETED: 6-26-07
12. OVERBURDEN THICKNESS: 18.8' to Till
15. DEPTH GROUNDWATER ENCOUNTERED: 5.7'
13. DEPTH DRILLED INTO ROCK: NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
14. TOTAL DEPTH OF HOLE: 20'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY — %
	✓	—	~	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Bentonite	—	—	Robert Meyer

LOCATION SKETCH/COMMENTS — SCALE:

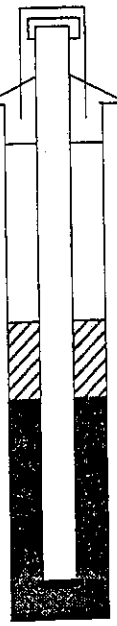
See SB01 Log

PROJECT: AOC9PDI — HOLE NO: AOC9 SB19

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL



Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____
- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB19

PROJECT AOC9 PDI | INSPECTOR Robert A Myers | SHEET 1 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
			0/1.8	NA		NA	4.1' Rec.
	1						
			0/3.9				
	2						
			0/1.62				
	3						
			0/1.4				
	4						
	5						
			0/1.2				Water @ 5.7' BGS
	6						
			0/1.7				4.5' Rec
	7						
			0/1.5				
	8						
			T3/8.7				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0-5' 4.1' Rec	
	0'-0.45' Med brown Silt loam	
	0.45'-4.1' VF-Fine light brown Sand, moist @ 2.8'	
	2.8'	
	5'-10' 4.5' Rec, Water @ 5.7' BGS	
	5' to 9.2' Sand as above	
	9.2' to 9.5' Gray VF-Fine Sand w/odor	

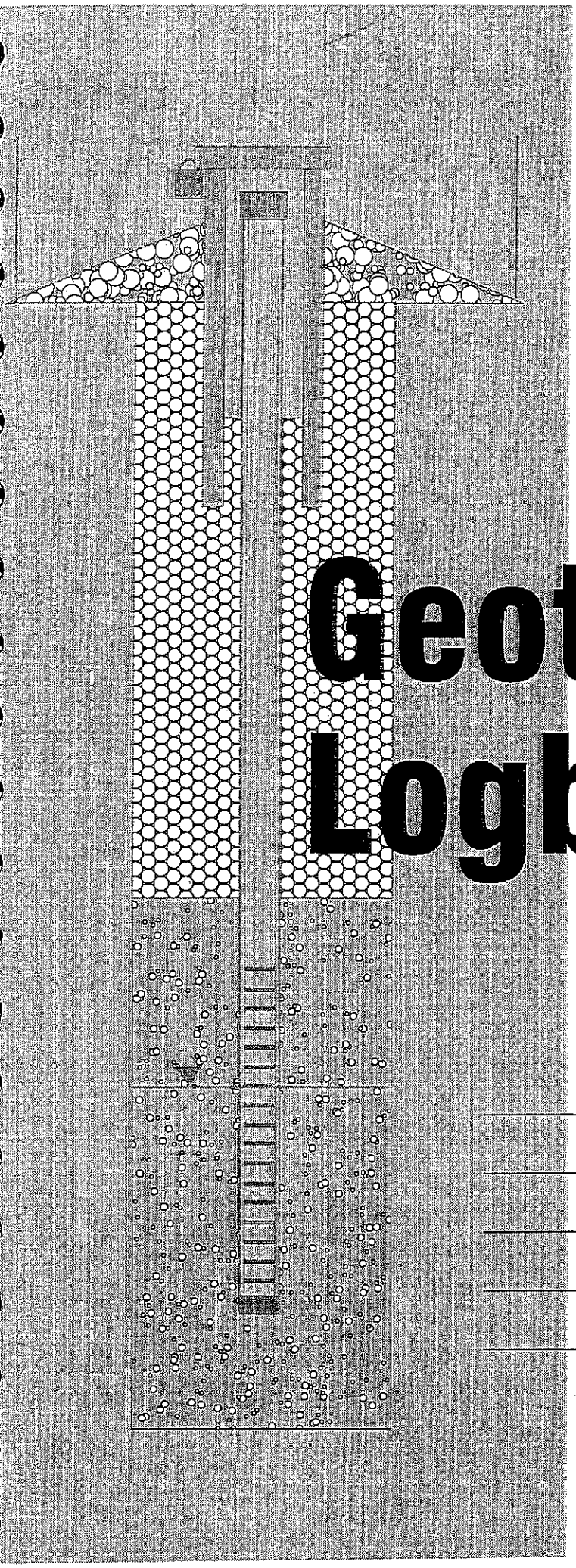
HTW DRILLING LOG

HOLE NO. SB19

PROJECT AOC9 PDI | INSPECTOR Robert A Mayer | SHEET 5 OF 6 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
			124/114				
	10						
			183/175	@1120 Collect AOC9-SB19-1(10.5')			4.6' Rec
	11						
			0/.90	@1125 Collect AOC9-SB19-2(11.5')			
	12						
			0/1.3				
	13						
			0/1.7				
	14						
			0/1.2				
	15						
			0/.19				Rec. 4.7'
	16						
			0/.89				
	17						
			0/.31	@18.5'			
			0/.14	@19.0'			
	18		0/.11				

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	10'-15', 4.6' Rec.	○	○	○
	~~10'-14.3' Sand as above, No Stainings~~	○	○	○
	~~14.3' to 14.6' Gray VF-Fine Sand w/odor~~	○	○	○
	10' to 10.65', Gray VF-Fine Sand w/odor	○	○	○
	10.65' to 14.6', light brown VF-Fine Sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15'-20', 4.4' Rec.	○	○	○
	15' to 18.8', Sand as above	○	○	○
	18.8' to 19.4', Gray Till, VF-Med. Sand & Silt	○	○	○
	with some clay & Shale Frags (19.3-19.4)	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 00275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

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Borehole Record for AOC 9-SBZO

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB20
1 COMPANY NAME EEE PC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF SHEETS
3 PROJECT AOC 9 PDI	4. LOCATION Former GAFB, Rome NY	
5 NAME OF DRILLER Jared Plank	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620 DT	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe MacroCore	8 HOLE LOCATION @ TW38 location	
	9. SURFACE ELEVATION	
	10. DATE STARTED 6-26-07	11 DATE COMPLETED 6-26-07
12. OVERBURDEN THICKNESS Till @ 23.15'	15. DEPTH GROUNDWATER ENCOUNTERED 5.9'	
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA	
14. TOTAL DEPTH OF HOLE 25'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA	

18. GEOTECHNICAL SAMPLES	DISTURBED —	UNDISTURBED —	19 TOTAL NUMBER OF CORE BOXES NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC ✓	METALS —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	21 TOTAL CORE RECOVERY — %
22. DISPOSITION OF HOLE	BACKFILLED Bentonite	MONITORING WELL —	OTHER (SPECIFY) —	23. SIGNATURE OF INSPECTOR Robert A Nye		

LOCATION SKETCH/COMMENTS SCALE:

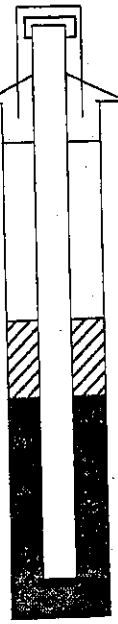
See SB01 Log

PROJECT AOC9 PDI	HOLE NO AOC9-SB20

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL



Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

☐ PVC _____

☐ Stainless Steel ____

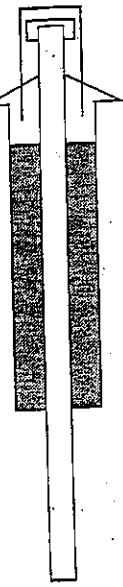
Pack Type/Size:

☐ Sand _____

☐ Gravel _____

☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB20

PROJECT AOC9 PDI

INSPECTOR Robert a Myers

SHEET OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		PID/PID				
			0/1.5	NA		NA	3.3' Rec.
	1						
			0/2.6				
	2						
			0/1.1				
	3						
	4						
	5		0/18.5				2.8' Rec. Water @ 5.9' BGS
	6		0/7.0				
	7		0/7.8				
	8						
	9						

MRK FORM JUN 89 55-2

PROJECT AOC9 PDI

HOLE NO. AOC9-SB20

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 3.3' Rec. Moist @ 1.9'	
	0'-0.7', Silt Loam	
	0.7'-2.55', VF-Fine Sand & Silt. w/Some gravel	
	2.55'-3.3', VF-Fine Uniform light brown sand	
	5'-10', 2.8' Rec, Water @ 5.9' BGS	
	5'-7.8', Sand as above	

HTW DRILLING LOG

HOLE NO. SB20

PROJECT AOC9 PDI | INSPECTOR Robert a Myer | SHEET 8 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FAD/PID				
				NA		NA	
	10						
			249/3.1				
	11			@1405 Collect			
			720/2.1	AOC9-SB20-1(11.5')			3.8' Rec.
	12			@1408 Collect			
			0/2	AOC9-SB20-2(12.5')			
	13						
			0/.95				
	14						
	15						
			0/3.2				
							3.9' Rec.
	16						
			0/2.2				
	17						
			0/2.1				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	10'-15', 3.8' Rec.			
	10' to 11.4', Light brown sand as above			
	11.4' to 12.5', Light gray VF to Fine Sand Slight odor			
	12.5' to 13.8', Light brown VF-Fine Sand, No odor			
	15'-20' 3.9' Rec			
	15'-18.9', Sand as above			

HTW DRILLING LOG

HOLE NO. SB20

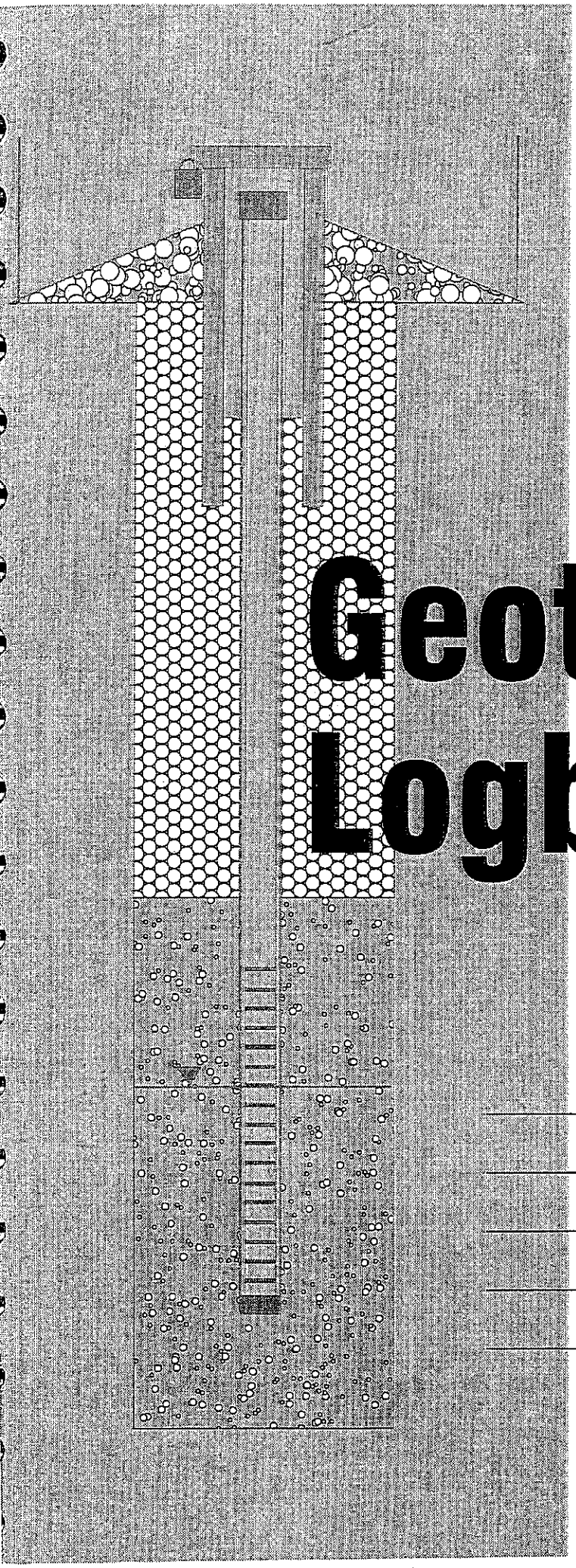
PROJECT AOC9 PDI

INSPECTOR Robert Ce

SHEET 3 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		31/2.1	NA		NA	
	20		0/.94				Rec
	21		0/.61				
	22		0/.18				
	23		0/.16				
	24						
	25						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 3.9' Rec	○	○	○
	20'-23.15' Uniform light brown VF-Fine Sand	○	○	○
	23.15-23.9' Clay & Silt with Shale Fragments (Till)	○	○	○
		○	○	○
	B.O.H @ 25' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 3

Project Number: 00275.PT04.20

Client/Site Name: USACE/Griffiss AOC9

Drilling Company: Zebra

Date of Field Activities: 6-25-07 to

Holes Logged in Book: AOC9-SB14

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Borehole Record for AOC9-SB21

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City
HOLE NUMBER: AOC9 SB21
SHEET 1 OF SHEETS

1. COMPANY NAME: EEEPC
2. DRILL SUBCONTRACTOR: Zebra
3. PROJECT: AOC 9 PDI
4. LOCATION: Former GAFB, Rome NY
5. NAME OF DRILLER: Jared Plant
6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620 DT
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe, Macro Core 2" OD
8. HOLE LOCATION: Between SB11 & SB20
9. SURFACE ELEVATION:
10. DATE STARTED: 6-26-07
11. DATE COMPLETED: 6-26-07
12. OVERBURDEN THICKNESS: Till @ 22.95'
15. DEPTH GROUNDWATER ENCOUNTERED: 7.3'
13. DEPTH DRILLED INTO ROCK: NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —
14. TOTAL DEPTH OF HOLE: 25'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓ Bentonite	—	—	Robert A Mayer

LOCATION SKETCH/COMMENTS — SCALE:

See SB01 Log

PROJECT: AOC 9 PDI — HOLE NO: AOC9-SB21

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log

SCREENED WELL

Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

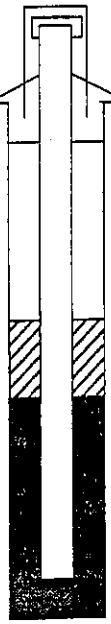
Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____



Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:

- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB21

PROJECT AOC9 PDI | INSPECTOR Robert a Myer | SHEET OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				
			0/3.8	NA		NA	
	1						
			0/2.07				
	2						3.4' Rec.
			0/.92				
	3						
	4						
	5		0/.73				
	6						Water @ 7.3
			0/.55				
							3.55' Rec.
	7						
			0/.46				
	8						
			56/26.9				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 3.4' Rec. Moist @ 2.8' BGS	
	0-1.1', Asphalt (0.2') and road base	
	1.1'-3.4', Fine-Med. Gravel & VF-Coarse Sand with little Silt	
	2.8'	
	5'-10', 3.55' Rec. Water @ 7.3'	
	5' to 8.15' Sand as above	
	8.15' to 8.55', light gray VF-Fine Sand	

HTW DRILLING LOG

HOLE NO. SB21

PROJECT AOC9 PDI

INSPECTOR Robert A. Munn

SHEET 2 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			PID/PID				
	10		1530/373				
	11		4550/272				@1455 Collect AOC9-SB21-1 (11.5')
	12		475/150				
	13		0/133				
	14		0/124				
	15		0/18				@1505 Collect AOC9-SB21-2 (15.5')
	16		0/16				
	17		0/23				
	18						

PROJECT

HOLE NO. AOC9 SB21

MRK FORM JUN 88 55-2

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 5.0 Rec.	
	10'-13.75', VF-Fine Gray sand w/odor	
	13.75 to 15', Shale Gravel w/some VF Sand & Silt. Moist, Not wet. Med. Brown	
13.75		
	15-20', 3.9 Rec., Saturated	
	15-18.9", Uniform, VF, light brown Sand	

HTW DRILLING LOG

HOLE NO. SB21

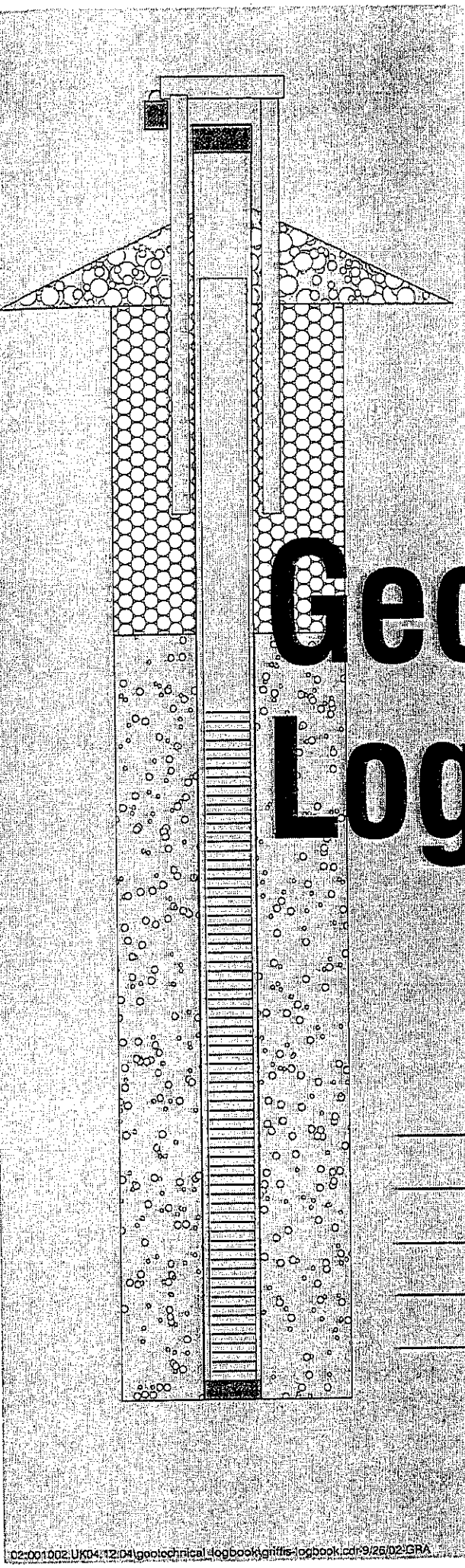
PROJECT AOC9 FDF | INSPECTOR Robert A Myers | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		0/.14	NA		NA	
	20						
			0/1.3				
	21		0/.41				
	22		0/.11				
	23		0/.18				
	24						
	25						

PROJECT | HOLE NO.

MRK FORM JUN 89 55-2

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20' to 25', 4.0' Rec			
	20' to 22.95', Sand as above			
	22.95' to 24', Gray Till, VF-Coarse Sand, rounded Gravel & Shale fragments w/Some Clay & little Silt			
	B.O.H @ 25'			



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 4

PROJECT NUMBER: 00ZZ75.PT04.20

CLIENT/SITE NAME: USACE / AOC 9

DRILLING COMPANY: Zebra

DATE OF FIELD ACTIVITIES: 6-26-07

HOLES LOGGED IN BOOK: AOC9-SB22 thru SB25

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Borehole Record for AOC9-SB22

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

31 AUG 94

HTRW DRILLING LOG

District: Kansas City		Hole Number: AOC9-SB22
1. Company Name: EEEPC	2. Drill Subcontractor: Zebra	Sheet 1 of 2 Sheets
3. Project: AOC9 PDF	4. Location: Former GAFB, Rome NY	
5. Name of Driller	6. Manufacturer's Designation of Drill: Geoprobe 6620DT	
7. Sizes and Types of Drilling and Sampling Equipment: Geoprobe Macro Core 2" OD	8. Hole Location: @ TW70 Location (AOC9)	
	9. Surface Elevation	
	10. Date Started: 6-26-07	11. Date Completed: 6-26-07
12. Overburden Thickness: Till @ 22.85'	15. Depth Groundwater Encountered: 6.3'	
13. Depth Drilled Into Rock: NA	16. Depth to Water and Elapsed Time After Drilling Completed: NA	
14. Total Depth of Hole: 25'	17. Other Water Level Managements (Specify): NA	

18. Geological Samples	Disturbed —		Undisturbed —		19. Total Number of Core Boxes: NA		
20. Samples For Chemical Analysis	VOC ✓	Metals	Other (Specify) —	Other (Specify) —	Other (Specify) —	21. Total Core Recovery — %	
21. Disposition of Hole	Backfilled	Monitoring Well	Other (Specify)	23. Signature of Inspector: Robert A Myers			
	Bentonite —		—				

LOCATION SKETCH/COMMENTS **SCALE:**

See SB01 Log

PROJECT AOC9 PDF	**HOLE NO.** AOC9-SB22

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

- ☐ PVC _____
- ☐ Stainless Steel _____

Pack Type/Size:

- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL

Stick-up: _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB22

Project: AOC9 PDI | Inspector: Robert A Myers | Sheet 3 of 8

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID				
			0/.39	NA		NA	
	1						
			0/.48				2.4' Rec.
	2		0/.53				
	3						
	4						
	5		0/.03				
	6		136/.01				3.1' Rec.
	7		140.1/.01				
	8						

PROJECT: AOC 9 PDI | HOLE NO.: AOC9-SB22

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 2.4' Rec.	⊗	⊗	○
	0'-0.7', Silt loam	○	○	○
	0.7'-2.4', fine to coarse gravel & cobbles w/VF to Coarse sand & Silt.	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 3.1' Rec. Water @ 6.3' BGS	○	○	○
	5' to 8.1', Uniform Light brown VF to Fine Sand	○	○	○
		○	○	○
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB22

Project: AOC 9 PDI | Inspector: Robert A Mayer | Sheet 5 of 8

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID				
	9			NA		NA	
	10						
			58.1 / 11.0 RAM 2	Fixed RAM A PID Lamp Fogged up			
	11						4.4' Rec.
			330 / 96 RAM 2				
	12			@1545 Collect AOC9-SB22-1 (12.5')			
			8447 / 443 RAM 3				
	13						
			3057 / 330				
	14		5260 / 283				
	15			@1554 Collect AOC9-SB22-2 (15.5')			
			0 / 51				4.1' Rec
	16						

PROJECT | HOLE NO. AOC9-SB22

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	10'-15', 4.4' Rec.			
	10-11.1', Sand as above (light Brown)			
	11.1' to 14.4', dark gray Uniform VF to Fine Sand, Strong Odor			
	15'-20', 4.1' Rec.			
	15-19.1', Uniform light brown VF to Fine Sand			

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB22
Sheet 7 of 8

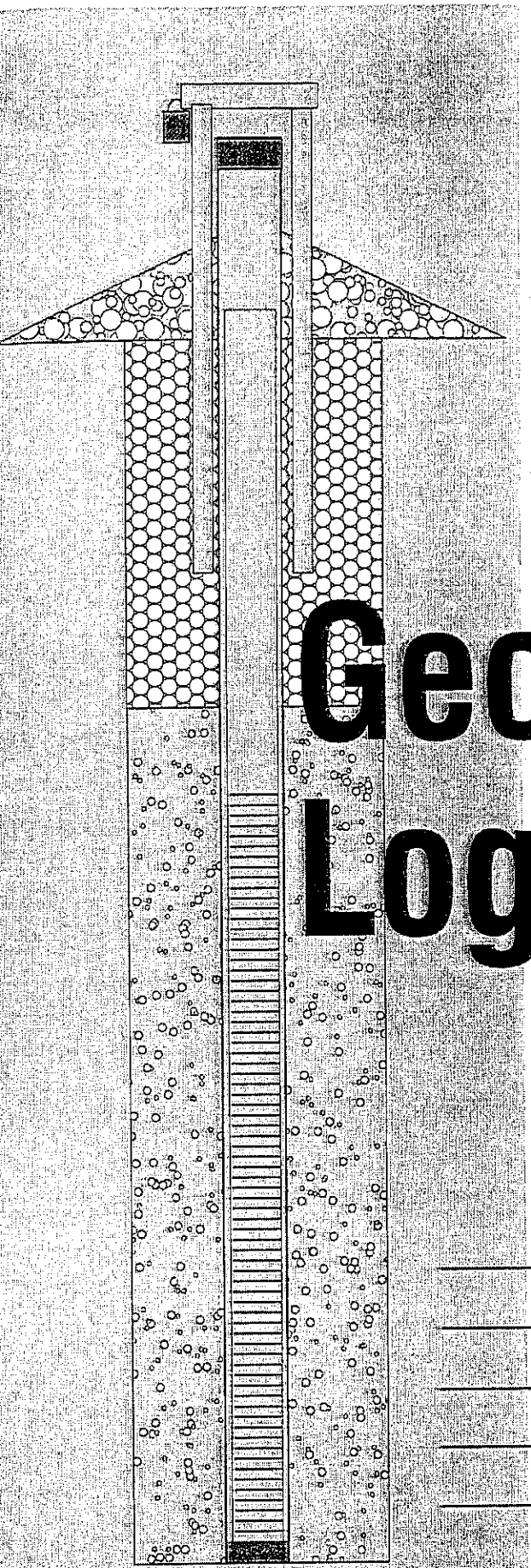
Project: AOC9 PDI
Inspector: Robert C Mayer

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID				
			0/.20	NA		NA	
	17		0/.31				
	18		0/.15				
	19						
	20		0/.21				
	21		0/.10				4.1 'Rec
	22		0/.09				
	23		0/.14				

PROJECT: AOC9 PDI
HOLE NO.: AOC9-SB22

ENG FORM 5056A-R, AUG 94
(Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25' 4.1' Rec.	○	○	○
	20' to 23.85', Sand as above (light Brown VF-Fine)	○	○	○
	23.85 to 24.1', Gray Till VF to Coarse sand & Gravel with little Silt & Clay	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	B.O.H @ 25' BGS	○	○	○
		○	○	○



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Geotechnical Logbook

Book 4

PROJECT NUMBER: 002275.PT04.20

CLIENT/SITE NAME: USACE / AOC 9

DRILLING COMPANY: Zebra

DATE OF FIELD ACTIVITIES: 6-26-07

HOLES LOGGED IN BOOK: AOC9-SB22 thru SB25

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Borehole Record for AOC9-SB23

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

District: Kansas City		Hole Number: AOC9-SB23
1. Company Name: EECPC	2. Drill Subcontractor: Zebra	Sheet: 1 of Sheets: 8
3. Project: AOC 9 PDI	4. Location: Former GAFB- Rome NY	
5. Name of Driller: Dom Pino	6. Manufacturer's Designation of Drill: Geoprobe 6620 DT	
7. Sizes and Types of Drilling and Sampling Equipment: Geoprobe MacroCore 2" OD	8. Hole Location: Road edge up from TW11 which is in ditch	
	9. Surface Elevation:	
	10. Date Started: 6-27-07	11. Date Completed: 6-27-07
12. Overburden Thickness: Till @ 23.55'	15. Depth Groundwater Encountered: 8.2'	
13. Depth Drilled Into Rock: NA	16. Depth to Water and Elapsed Time After Drilling Completed: —	
14. Total Depth of Hole: 25'	17. Other Water Level Managements (Specify): —	

18. Geological Samples	Disturbed	Undisturbed	19. Total Number of Core Boxes
	—	—	NA

20. Samples For Chemical Analysis	VOC	Metals	Other (Specify)	Other (Specify)	Other (Specify)	21. Total Core Recovery — %
	✓	—	—	—	—	

21. Disposition of Hole	Backfilled	Monitoring Well	Other (Specify)	23. Signature of Inspector
	✓ Bentonite	—	—	Robert Hayes

LOCATION SKETCH/COMMENTS — **SCALE:**

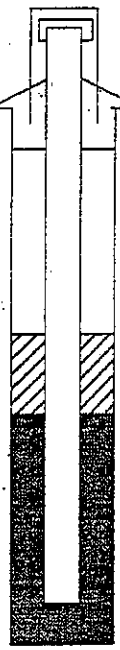
See Log SB01

PROJECT	HOLE NO.
AOC 9 PDI	AOC9-SB23

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL



Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

Stick-up _____ ft

GROUND SURFACE

Top of Grout _____ ft

Quantity of Material Used:

Bentonite Pellets _____

Top of Seal at _____ ft

Cement _____

Borehole _____ inches Diameter

Top of Sand Pack _____ ft

Cement/ Bentonite _____

Top of Screen at _____ ft

Grout _____

Screen Slot Size _____

Bottom of Screen at _____ ft

Screen Type _____

- ☐ PVC _____
- ☐ Stainless Steel ____

Bottom of Hole at _____ ft

Pack Type/Size:

- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

Bottom of Sandpack at _____

OPEN-HOLE WELL



Stick-up: _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB23

Project: AOC 9 PDI | Inspector: Robert A Myers | Sheet 3 of 8

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	1		FID/PID 0/70.4	NA		NA	PID lamp Fogged up cool in truck Hot/humid out side
			0/50.6				3.65' Rec.
	2		0/20.1				
	3		0/2.6				
	4						
	5		0/3.9				3.7' Rec. Wet @ ~5.2' BGS
	6		0/11.6				
	7		0/4.6				
	8						

PROJECT: AOC 9 PDI | HOLE NO.: AOC9-SB23

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'- 5', 3.65' Rec. Moist @ 1.75'	⊗	○	○
	0'- 1.4', Road base (Crushed stone, gravel & sand)	⊗	○	○
	1.4'- 3.4', Med. brown silt & rounded gravel with Some VF- Med Sand	⊗	⊗	○
	3.4'- 3.65', VF- Fine light brown sand	○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5' to 10' 3.7' Rec. Wet @ 8.2' BGS	○	○	⊗
	5' to 8.2', Uniform VF- Fine light brown sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SBZ3

Project: AOC 9 PDI | Inspector: Robert A Myers | Sheet 5 of 8

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	9		FID/PID 38.1/12.2				
	10		37.5/17				
	11		58.4/16				3.9 1 Rec.
	12		978/300				
	13		1597/400<410 0/1.8 @13.8'	@0920 Collect	AOC9-SBZ3-1 (13.5')		
	14						
	15		0/.18	@0926 Collect AOC9-SBZ3-2 (15.5') w/MS/MSD			1 Rec.
	16						

PROJECT: AOC9 PDI | HOLE NO. AOC9-SBZ3

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet

10'-15' 3.9' Rec, Wet
10'-11.6', Sand as above
11.6' to 13.7', Gray ~~(Dark)~~ VF-Fine Sand w/odor
light gray 11.6' to 13.3' } odor
Dark gray 13.3' to 13.7' }
13.7' to 13.9' Uniform Light brown Sand

15'-20' 4.3' Rec
Uniform VF-Fine light brown Sand

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB23
Sheet 7 of 8

Project: AOC9 PDI
Inspector: Rebecca Myers

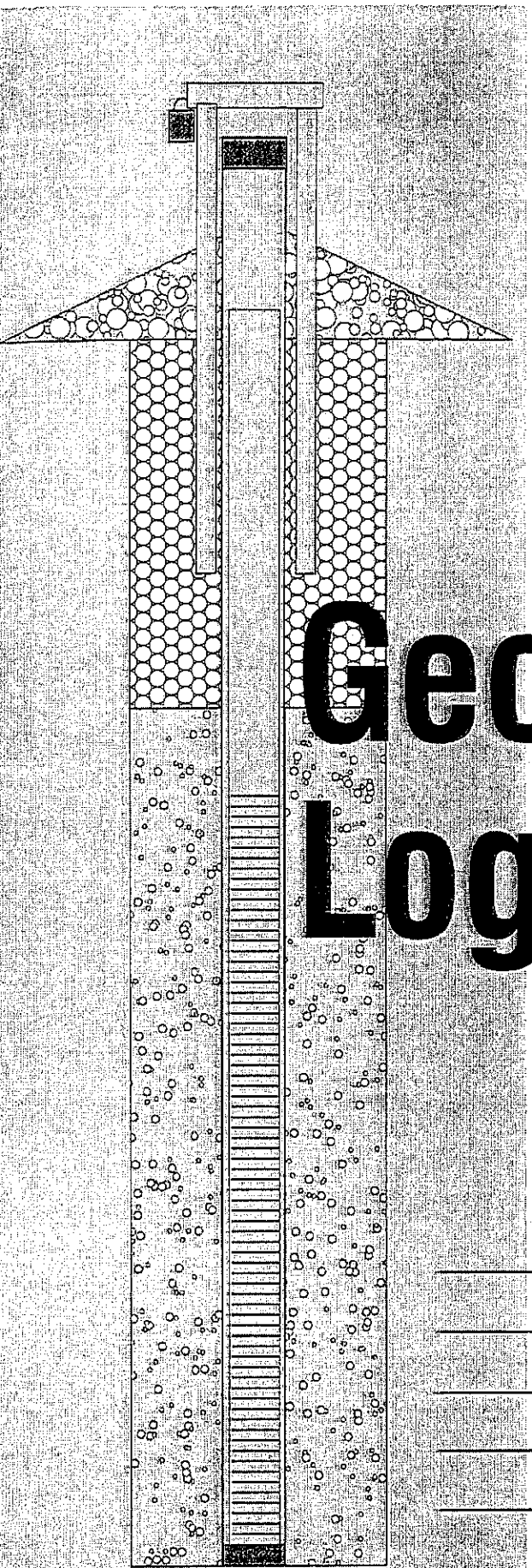
Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	17		FID/PID 0/.22	NA		NA	
			0/.24				
	18		0/.12				
	19		0/.09				
	20		0/.19				
	21		0/.11				
	22		0/.14				
	23		0/.10				
	24						

PROJECT: AOC9 PDI
HOLE NO.: AOC9-SB23

(Proponent: CECW-EG)

ENG FORM 5056A-R, AUG 94

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20'-25', 3.8' Rec.	○	○	○
	20' to 23.55' Sand as above	○	○	○
	23.55' to 23.8, Gray Till (Sand, Gray w/clay)	○	○	○
	T.O.H. @ 25' BGS	○	○	○



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Geotechnical Logbook

Book 4

PROJECT NUMBER: 002275.PT04.20

CLIENT/SITE NAME: USACE / AOC 9

DRILLING COMPANY: Zebra

DATE OF FIELD ACTIVITIES: 6-26-07

HOLES LOGGED IN BOOK: AOC9-SB22 thru SB25

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Borehole Record for AOC9-SB24

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

	District: Kansas City		Hole Number: AOC9-SB24
1. Company Name: EEEPC	2. Drill Subcontractor: Zebra		Sheet 1 of 3
3. Project: AOC 9 PDI		4. Location: Former GAFB, Rome NY	
5. Name of Driller: Dom Pino		6. Manufacturer's Designation of Drill: Geoprobe 6620DT	
7. Sizes and Types of Drilling and Sampling Equipment: Geoprobe Macrocore 2" OD		8. Hole Location: Roadway East of B913 Mound	
		9. Surface Elevation	
		10. Date Started: 6-27-07	11. Date Completed: 6-27-07
12. Overburden Thickness: Till @ 21.95'		15. Depth Groundwater Encountered: 8.2'	
13. Depth Drilled Into Rock: NA		16. Depth to Water and Elapsed Time After Drilling Completed: NA	
14. Total Depth of Hole: 25'		17. Other Water Level Managements (Specify): NA	

18. Geological Samples	Disturbed: —		Undisturbed: —		19. Total Number of Core Boxes: NA		
20. Samples For Chemical Analysis	VOC: ✓	Metals: —	Other (Specify): —	Other (Specify): —	Other (Specify): —	21. Total Core Recovery: — %	
21. Disposition of Hole	Backfilled: ✓	Monitoring Well:	Other (Specify):	23. Signature of Inspector: Robert A Mayer			
	Bentonite: —		—				

LOCATION SKETCH/COMMENTS — **SCALE:**

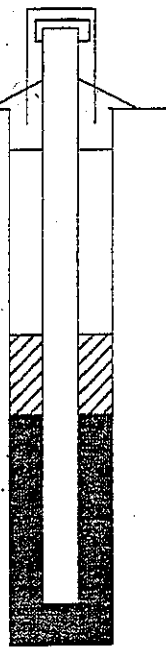
See SB01 Log

PROJECT: AOC 9 PDI	HOLE NO.: AOC9-SB24

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM

SCREENED WELL



Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:
Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____
- ☐ PVC _____
- ☐ Stainless Steel ____

Pack Type/Size:
- ☐ Sand _____
- ☐ Gravel _____
- ☐ Natural _____

OPEN-HOLE WELL



Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: AOC9-5B24

Project: AOC 9 PDI | Inspector: Robert a Meyer | Sheet 3 of 3

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	0		FID/PID				
			0/1.44	NA		NA	
	1						
			0/1.5				
	2						
			0/1.75				
	3						
			0/54				
	4						
	5						
			0/33.6				
	6						wet @ 8.2'
			0/40.5				
	7						
			0/90				
	8						

PROJECT: AOC 9 PDI | HOLE NO.: AOC9-5B24

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 3.8' Rec. Moist @ 1.4'	⊗	○	○
	0'-0.3', Asphalt	○	○	○
	0.3'-3.5', Rounded Fine to Coarse Gravel & Silt with Some VF to Coarse Sand	○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 4.6' Rec. Wet @ 8.2'	○	○	○
	5'-5.35', Same as above	○	○	○
	5.35' to 9.6', VF-Fine light brown Sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊗

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SBZ4

Project: AOC9 PDI

Inspector: Robert A Mayer

Sheet 5 of 8 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	9		FID/PID 0/5.3	NA		NA	
			0/4.9				
	10						
			2096/6				
	11						3.65' Rec.
			1741/19				
	12			@1035 Collect AOC9-SBZ4-1 (12.5')			
			2465/430				
	13						
			1571/505				
	14		0/1.04 @ 13.6' BGS				
	15			@1040 Collect AOC9-SBZ4-2 (15.5')			
			0/.11				4.05' Rec.

PROJECT

HOLE NO. AOC9-SBZ4

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 3.65' Rec.	
	10'-10.8', Light brown Sand as above	
	10.8'-12.85', Gray VF-Fine sand with odor, becoming black @ 12.85' ~~to 13.5' b.~~ RAM	
	12.85' to 13.65' Fine light brown Sand. w/odor	
	15'-20', 4.05' Rec.	
	15'-19.05', VF- Fine light brown Sand	

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

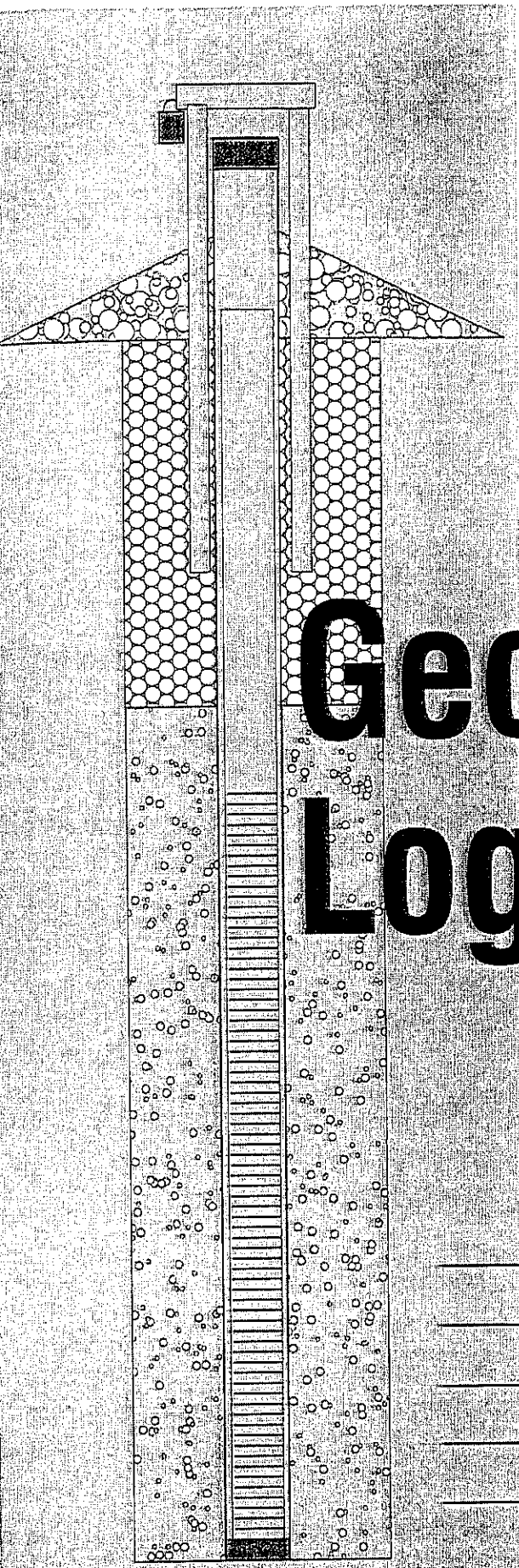
Hole Number: SB24

Project: AOC9 PDI | Inspector: Robert A Myers | Sheet 7 of 8 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID				
			0/.08				
	17						
			0/.04				
	18						
			0/.09				
	19						
	20						
			0/.09				
	21						4.2' Rec.
			0/.21				
	22						
			0/.04				
	23						
			0/.07				
	24		0/.11				

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB24

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20'-25', 4.2' Rec.			
	20' to 21.95', Sand as above			
	21.95' to 24.2', Gray Till (Sand & Gravel w/ some Silt & Clay)			
	B.O.H @ 25' BGS			



Former Griffiss
Air Force Base

Geotechnical Logbook

Book 4

PROJECT NUMBER: 002275.PT04.20

CLIENT/SITE NAME: USACE / AOC 9

DRILLING COMPANY: Zebra

DATE OF FIELD ACTIVITIES: 6-26-07

HOLES LOGGED IN BOOK: AOC9-SB22 thru SB25

ecology and environment, inc.
International Specialists in the Environment

Borehole Record for AOC9-SBZ5

- HTRW Drilling Log
- Narrative Lithologic Description and Well Construction Diagram
- Well Development Record
- Well Development -- Parameter Measurements
- Groundwater Purge and Sampling Log
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

District: Kansas City		Hole Number: AOC9-SB25
1. Company Name: EEEPC	2. Drill Subcontractor: Zebra	Sheet: 1 of 9
3. Project: AOC 9 PDI	4. Location: Former GAFB, Rome NY	
5. Name of Driller: Dom Pino	6. Manufacturer's Designation of Drill: Geoprobe 6620 DT	
7. Sizes and Types of Drilling and Sampling Equipment: Geoprobe MacroCore 2" OD	8. Hole Location: Center of Road, downgradient of TW41	
	9. Surface Elevation:	
	10. Date Started: 6-27-07	11. Date Completed: 6-27-07
12. Overburden Thickness: Till @ 24.1	15. Depth Groundwater Encountered: 7.5' BGS	
13. Depth Drilled Into Rock: NA	16. Depth to Water and Elapsed Time After Drilling Completed: —	
14. Total Depth of Hole: 25'	17. Other Water Level Managements (Specify): —	
18. Geological Samples: Disturbed —	Undisturbed —	19. Total Number of Core Boxes: NA
20. Samples For Chemical Analysis: VOC ✓ Metals	Other (Specify) — Other (Specify) —	Other (Specify) — 21. Total Core Recovery — %
21. Disposition of Hole: Backfilled ✓ Monitoring Well	Other (Specify) —	23. Signature of Inspector: Robert A Nyp
Bentonite Chips —		

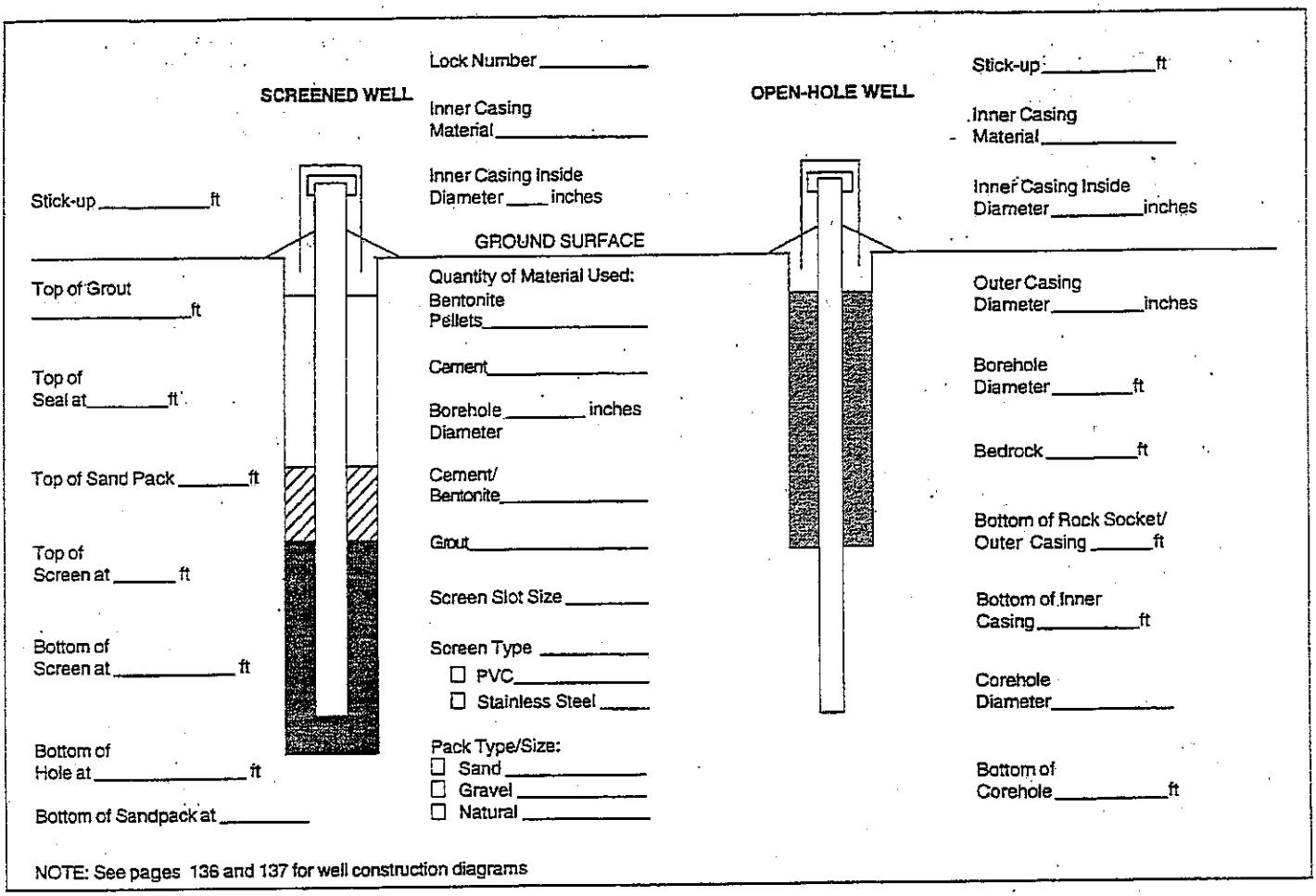
LOCATION SKETCH/COMMENTS — **SCALE:**

See SB01 Log

PROJECT: AOC 9 PDI	HOLE NO.: AOC 9-SB25

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2 HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE DRILL LOG FORM



NOTE: See pages 136 and 137 for well construction diagrams

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB25

Project: AOC9 PDI | Inspector: Robert A Myers | Sheet 3 of 8 Sheets

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID				
	1	Concrete Roadway		NA		NA	
							4.5' Rec
	2	0/1.9					
	3	0/.89					
	4	0/.41					
	5						
		0/1					
	6						3.4' Rec
		0/.4					Wet @ ~5.5' BGS
	7						
		0/.2					
	8						

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SB25

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 4.5' Rec., Moist @ 1.25'	⊗	○	○
	0-1.25', Concrete Roadway	⊗	○	○
	1.25'-4.5', Road base (Gray Gravel & Sand	○	⊗	○
	1.45'-4.5', Disturbed Gravel (Fine-Coarse), Silt & VF-Coarse Sand.	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 3.4' Rec., Wet @ 7.5' BGS	○	⊗	○
	5'-5.45', Same as above	○	○	○
	5.45' VF light brown Sand to 7.85'	○	○	○
	7.85' to 8.9', Gray VF-Fine Sand.	○	○	○
		○	○	○
	8.9.	○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SBZ5

Project: AOC9 PDI | Inspector: Robert A Myers | Sheet 5 of 5

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
	9		FID/PID 69.3/3 @82'	NA		NA	
	10		73/119				1' Rec.
	11		268/150	@1140 Collect AOC9-SBZ5-1 (11.5')			
	12		229/140				
	13		35.2/20				
	14						
	15		0/2.3				3.9' Rec.

PROJECT: AOC9 PDI | HOLE NO.: AOC9-SBZ5

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	10'-15', 3.8' Rec.	○	○	○
	10' to 13.8', Gray VF-Fine Sand (Med. Gray)	○	○	○
	with odor	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15'-20', 3.8' Rec	○	○	○
	15' to 18.8', Uniform VF-Fine light brown Sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

EM 1110-1-4000
31 AUG 94

HTRW DRILLING LOG (Continuation Sheet)

Hole Number: SB25

Project: AOC 9 PDI | Inspector: Robert A Myers | Sheet 7 of 8

Elevation (A)	Depth (B)	Description of Materials (C)	Field Screening Results (D)	Geotech Sample or Core Box No. (E)	Analytical Sample No. (F)	Blow Count (G)	Remarks (H)
			FID/PID				
			0/1.3	NA		NA	
	17					@1150 Collect	
			0/.19			AOC9-SB25-Z (16.5')	
	18						
			0/.11				
	19						
	20		0/.11				
	21		0/.12				5.0' Rec.
	22		0/.05				
	23		0/.04				
	24		0/.08	@24.5'			

PROJECT: AOC 9 PDI | HOLE NO.: AOC9-SB25

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	20' to 25', 5.0' Rec 20' to 24.1', Uniform VF to Fine light brown Sand. 24.1' to 25', Gray Till (Gravel & Shale Frags w/some clay, silt & Sand) B.O.H @ 25' BGS.	

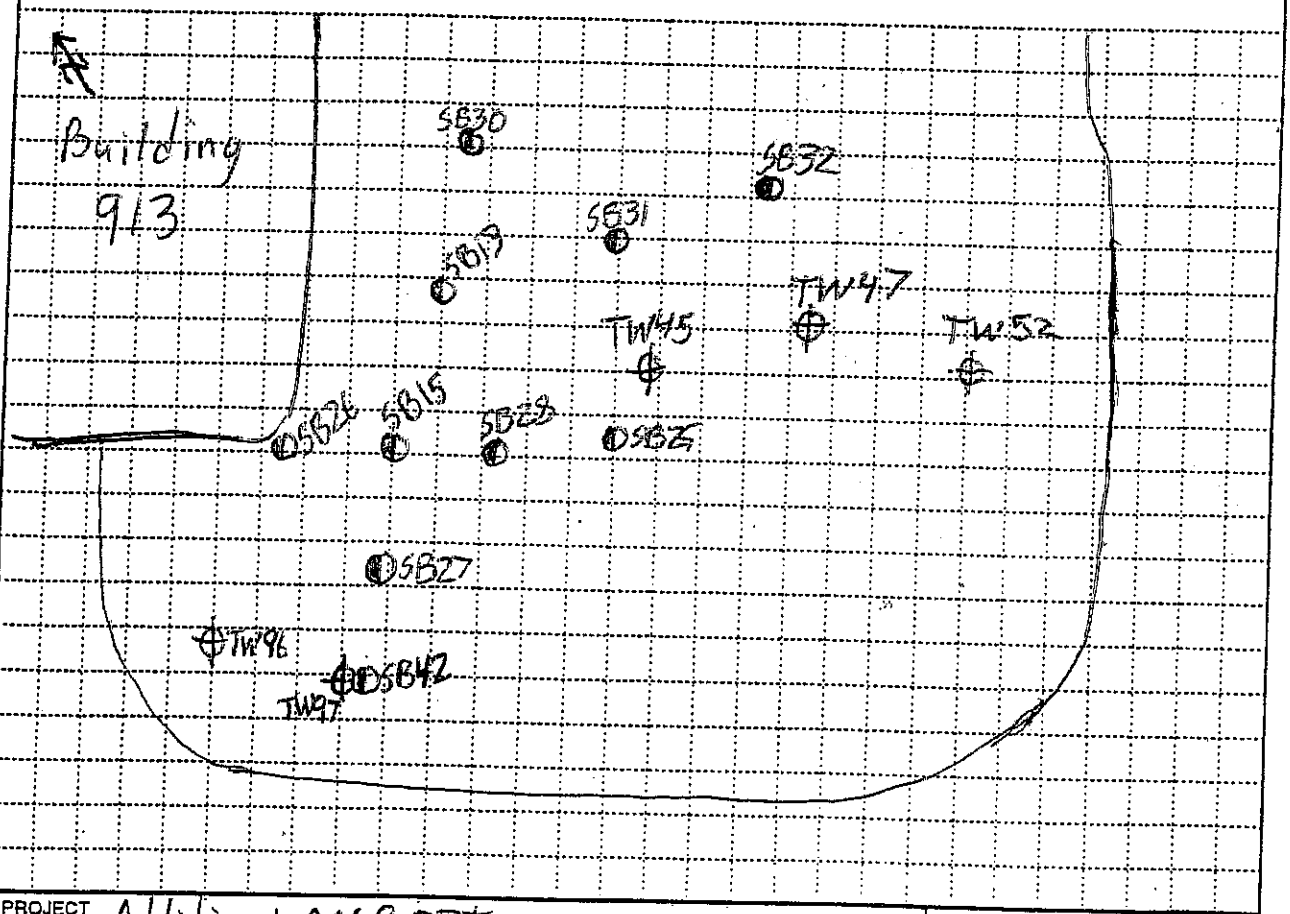
Borehole Record for AOC9-SBZ6

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB26
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 3 SHEETS
3 PROJECT Additional AOC9 PDI	4. LOCATION Former GAFB, Rome NY	
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macro Core	8 HOLE LOCATION AOC9	
	9. SURFACE ELEVATION	
	10. DATE STARTED 9-26-07	11 DATE COMPLETED 9-26-07
12. OVERBURDEN THICKNESS ≥30'	15. DEPTH GROUNDWATER ENCOUNTERED 16.1	
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —	
14. TOTAL DEPTH OF HOLE 30'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	
22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR Robert Mayo		
	✓	—	—			

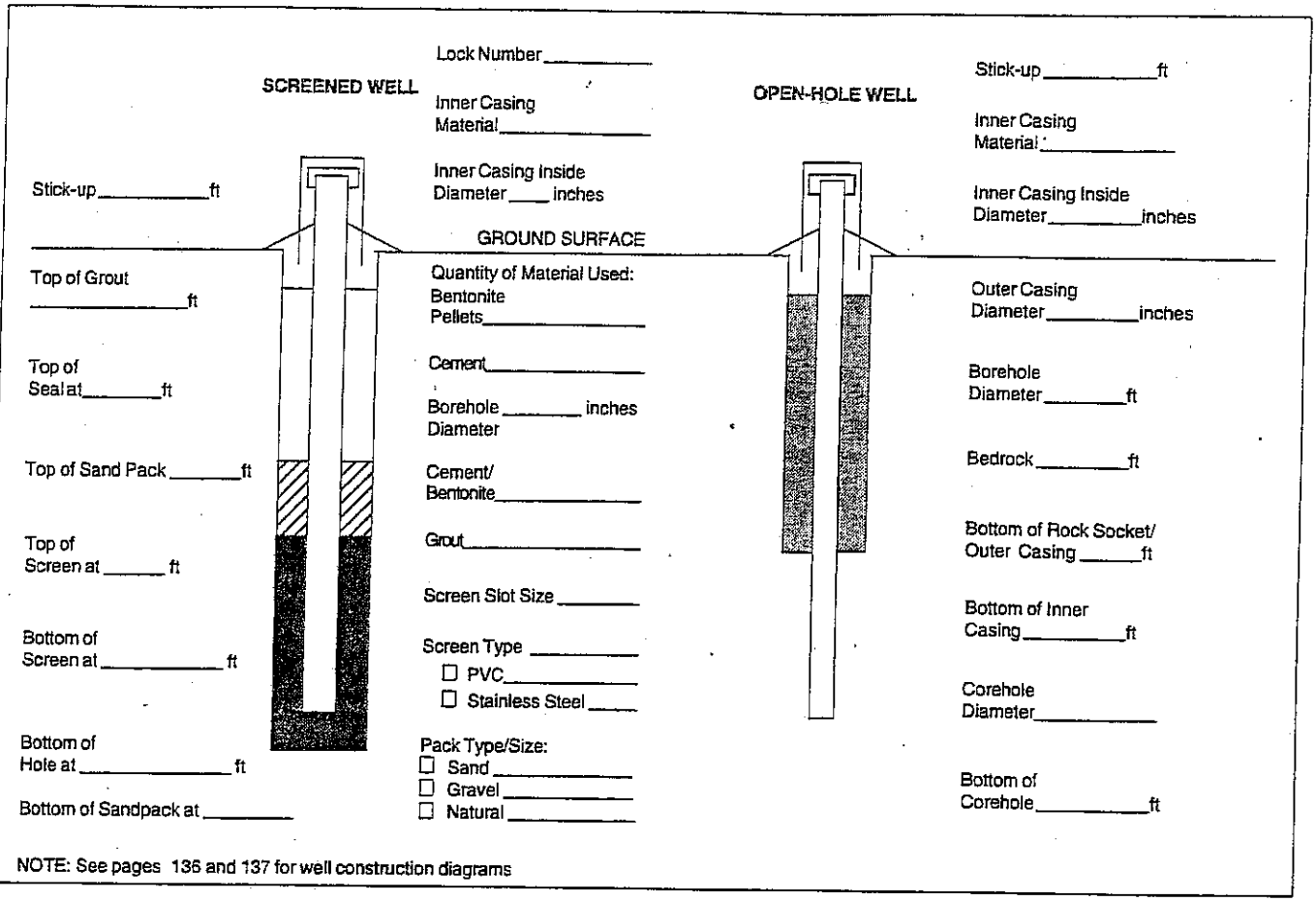
LOCATION SKETCH/COMMENTS SCALE:



PROJECT Additional AOC9 PDI HOLE NO AOC9-SB26

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SBZ6

PROJECT Additional AOC9 PDI | INSPECTOR Rebecca Mercer | SHEET OF 3 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				Start 1524
				NA		NA	
	1		0/0				
	2		0/0				
	3		0/0				
	4		0/0				
	5						
	6		0/0				
	7		0/0				
	8		0/0				1535 Collect AOC9-SBZ6-01 (7.8' to 8.2')
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 5' Rec, Fill Material, Silt & VF-C Sand and Gravel	⊗	○	○
	5'-10', 3.8' Rec, Fill Material as above	⊗	○	○

HTW DRILLING LOG

HOLE NO. SB26

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Magee | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10						
	11		0/0				
	12		0/0				
	13		0/0				
	14						
	15						
			1.5/0				Water @ 16.1' BGS
	16		96H/1.6	@1550 Collect AOC9-SB26-02 (16.3-16.7')			
	17		254/3.0				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 3.3' Rec	
	10'-12.9', Fill as above	
	12.9'-13.3', Fine to Med. brown Sand	
	15'-20', 3.6' Rec.	
	15' to 17, Fill as above	
	17' to 18.3', ~~Sand~~ ALLUVIAM Sand, VF-Fine, gray brown	

HTW DRILLING LOG

HOLE NO. SB26

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Myers | SHEET 8 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		PID/PID				
			24.3/.7	NA		NA	
	20						
			91/3.1				
	21						
				@1600 Collect			
			18.5/.1	AOC9-SB26-03			
				(21.3'-21.7')			
	22						
			7.8/.5				
	23		.7/0				
	24						
	25						
			@25.5' .2/0				
			@26.5' 0/0				
			@27' 0/0				

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	20'-25', 3.3' Rec.	
	20' to 22.4, Sand as above, Wet	
	22.4 to 23.3 Brown Sand & Gravel w/Some silt.	
	25'-30', 2.1' Rec. Moist, Tight	
	25'-27.1, Till - Brown from 25' to 26.35'	
	- Gray from 26.35' to 27.1' w/Shale Frags.	
	B.O.H @ 30'	

Borehole Record for AOC 9-SB27

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC 9 SB27
1 COMPANY NAME EE&PC	2 DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 3
3 PROJECT Additional AOC 9 PDT	4 LOCATION Former GAFB Ramp NW	
5 NAME OF DRILLER Phil Orsi	6 MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macro Core	8 HOLE LOCATION AOC 9	
	9 SURFACE ELEVATION	
	10 DATE STARTED 9-26-07	11 DATE COMPLETED 9-26-07
12 OVERBURDEN THICKNESS > 25'	15 DEPTH GROUNDWATER ENCOUNTERED 11.1' BGS	
13 DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —	
14 TOTAL DEPTH OF HOLE 25'	17 OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —	

18 GEOTECHNICAL SAMPLES	DISTURBED —	UNDISTURBED —	19 TOTAL NUMBER OF CORE BOXES NA			
20 SAMPLES FOR CHEMICAL ANALYSIS	VOC ✓	METALS —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	21 TOTAL CORE RECOVERY — %
22 DISPOSITION OF HOLE	BACKFILLED ✓	MONITORING WELL —	OTHER (SPECIFY) —	23 SIGNATURE OF INSPECTOR Robert Mayo		

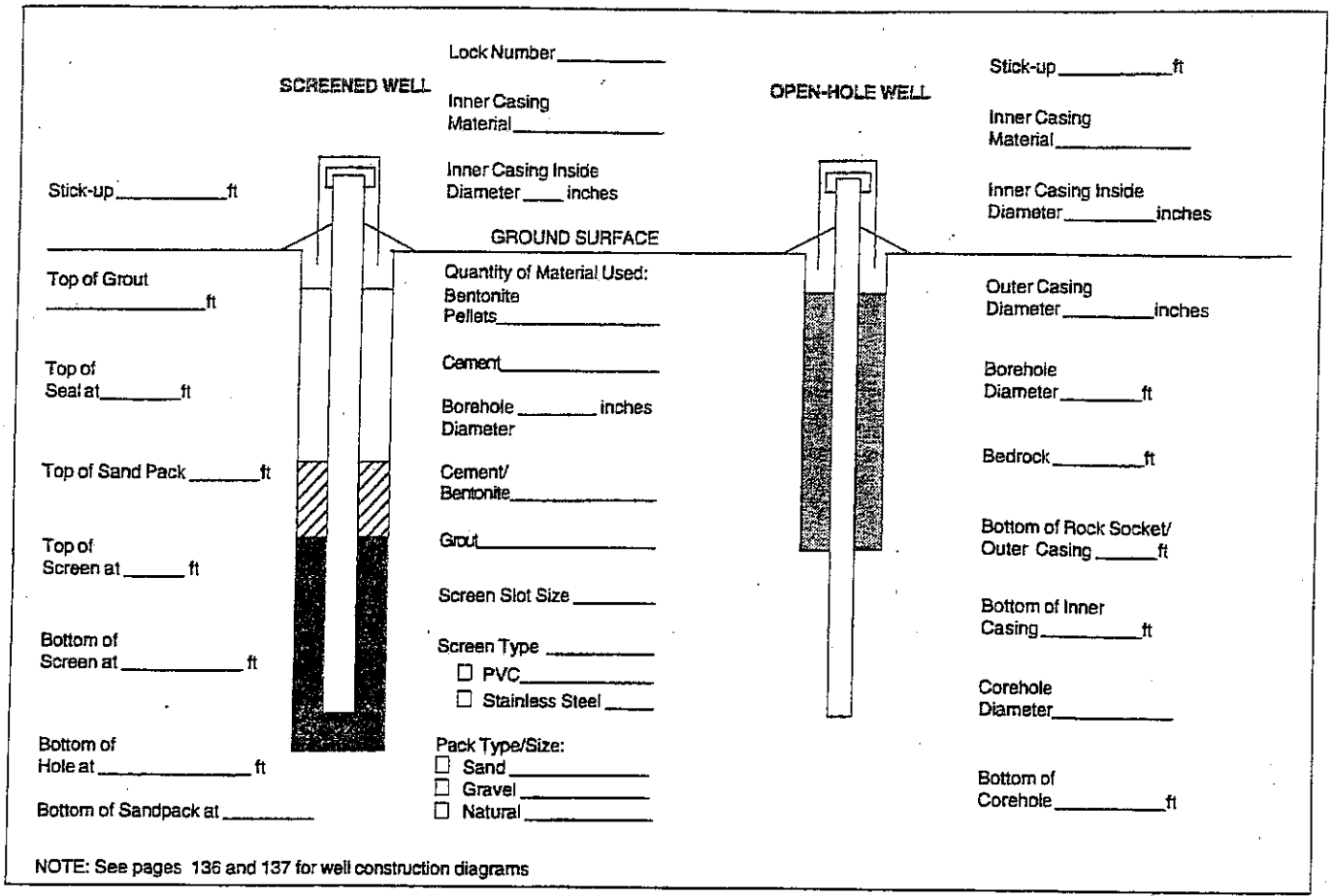
LOCATION SKETCH/COMMENTS SCALE:

See SB26 Log

PROJECT Additional AOC 9 PDT	HOLE NO AOC9-SB27

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SBZ7

PROJECT Additional AOC 9 PDI | INSPECTOR Robert a Myers | SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
	1		0/0	NA		NA	
	2		0/0				
	3		0/0				
	4						
	5						
	6		0/0				
	7		0/0				
	8		0/0				
	9		0/0				

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 3.95' Rec. Fill Material	⊗	⊗	○
	Silty VF-Coarse Sand & Gravel	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 2.8' Rec.	○	○	○
	Fill as above	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB27

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Plaza | SHEET 3 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10		0/0	@ 1429 Collect AOC9-SB27-1(10.3-10.7')			Water @ 11.1'
	11		32.3/32.9	@1432 Collect AOC9-SB27-2(11.3-11.7')			
	12		950/46 RKM 32.4				
	13						
	14						
	15						
	16		108.5/44				
	17		460/32.3	@ 1445 Collect AOC9-SB27-03(17.8-18.2')			
	18		32.3/1024				

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 3.2' Rec Water @ 11.1'	
	10-11.1' Fill as above	
	11.1' to 13.2, VF-Fine light ~~gray~~ brown Sand w/odor	
	15'-20', 5' Rec. Sand as above w/odor	

HTW DRILLING LOG

HOLE NO. SB27

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Mayer | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	19		1295/91.4				
			33.4/1.6				
	20		0/0				
	21		1.7/0.1				
	22		12/0.7				
	23						
	24						
	25						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	✓
20'-25', 3.2' Rec. Sandy brown Till		○	○	○
	VF-Coarse Sand & Silt w/Some	○	○	○
	Rounded Gravel	○	○	○
		○	○	○
		○	○	○
B.O.H @ 25' BGS		○	✓	✓
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC9-5BZ8

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC 9-SB28
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 3

3 PROJECT Additional AOC 9 PDI	4. LOCATION Former GAFB Ramp NY
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macro Core	8 HOLE LOCATION AOC 9
	9. SURFACE ELEVATION
	10. DATE STARTED 9-26-07 / 11 DATE COMPLETED 9-26-07
12. OVERBURDEN THICKNESS ≥29'	15. DEPTH GROUNDWATER ENCOUNTERED 16.4'
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —
14. TOTAL DEPTH OF HOLE 29'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY
	✓	—	—	—	—	— %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓	—	—	Robert Meyer

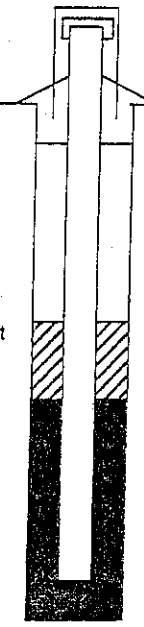
LOCATION SKETCH/COMMENTS SCALE:

See SB26 Log

PROJECT Additional AOC 9 PDI	HOLE NO AOC9-SB28

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



SCREENED WELL

Stick-up _____ ft

Top of Grout _____ ft

Top of Seal at _____ ft

Top of Sand Pack _____ ft

Top of Screen at _____ ft

Bottom of Screen at _____ ft

Bottom of Hole at _____ ft

Bottom of Sandpack at _____

Lock Number _____

Inner Casing Material _____

Inner Casing Inside Diameter ____ inches

GROUND SURFACE

Quantity of Material Used:

Bentonite Pellets _____

Cement _____

Borehole _____ inches Diameter

Cement/ Bentonite _____

Grout _____

Screen Slot Size _____

Screen Type _____

☐ PVC _____

☐ Stainless Steel ____

Pack Type/Size:

☐ Sand _____

☐ Gravel _____

☐ Natural _____



OPEN-HOLE WELL

Stick-up _____ ft

Inner Casing Material _____

Inner Casing Inside Diameter _____ inches

Outer Casing Diameter _____ inches

Borehole Diameter _____ ft

Bedrock _____ ft

Bottom of Rock Socket/ Outer Casing _____ ft

Bottom of Inner Casing _____ ft

Corehole Diameter _____

Bottom of Corehole _____ ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB28

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Ryan | SHEET OF 3 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	start 1307
	1		0/0				
	2		0/0				
	3		0/0				
	4		0.4/0				
	5						
	6		0/0				
	7		6.9/3.6		@ 1320 Collect AOC9-SB28-1 (6.8-7.2)		
	8		0/0				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 4.8' Rec., dry to Moist, Fill Material	
	5'-10', 3.4' Rec. Fill Material, Silt, little Sand and Gravel	

HTW DRILLING LOG

HOLE NO. AOC9-SB28

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Wagner | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10		0/0				
	11		0/0				
			0/0				
	12		0/0				
	13						
	14						
	15						
			0/0				Water @ 16.4'
	16						
			5.1/0.1				
	17		4/0.6				
			549/6.6				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	10'-15', 2.5' Rec.	○	○	○
	10' to 11.7' Fill as above, dry to Moist	⊗	⊗	○
	11.7' to 12.5', VF to Fine light brown Sand, dry	⊗	⊗	○
		⊗	⊗	○
		⊗	⊗	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15'-20', 4.3' Rec, Water @ 16.4'	○	⊗	○
	15'-16.55' VF to Med Sand (brown w/ little Gravel	○	⊗	○
	16.55 to 19.3' VF to Fine Sand gray/brown	○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊗

HTW DRILLING LOG

HOLE NO. AOC9-SB28

PROJECT Additional AOC9 PDI | INSPECTOR Robert Mayer | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID		@1340 Collect		
		@ 18'	1485/96.2	NA	AOC9-SB28-2	NA	UT:8-18.2'
	19	@ 19'	28/3.6				
	20		27/10				
	21		305/1.6		@1349 Collect		
	22		69/1.6		AOC9-SB28-03		(21.8'-22.2')
			65/0.6				
	23		11/0.4				
			+				
	24						
	25		0/0.1				Refusal @ 29'

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 3.1' Rec. Wet	○	○	○
	20-22.45 Sand as above	○	○	○
	22.45-23.1', Rounded gravel (fn-med) & Sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	25'-~~30~~', 0.5' Rec. Wet	○	○	○
	Gravel & Sand as above	○	○	○
		○	○	○
	B.O.H @ 29'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC9-SB29

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB29
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 2

3 PROJECT Additional AOC9 PDI	4. LOCATION Former GAFB, Rome NY
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe MacroCore	8 HOLE LOCATION AOC 9
	9. SURFACE ELEVATION
	10. DATE STARTED 9-26-07 / 11 DATE COMPLETED 9-26-07
12. OVERBURDEN THICKNESS >30'	15. DEPTH GROUNDWATER ENCOUNTERED 16.8'
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —
14. TOTAL DEPTH OF HOLE 30'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES NA
	—	—	

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓	—	—	Robert A. Mango

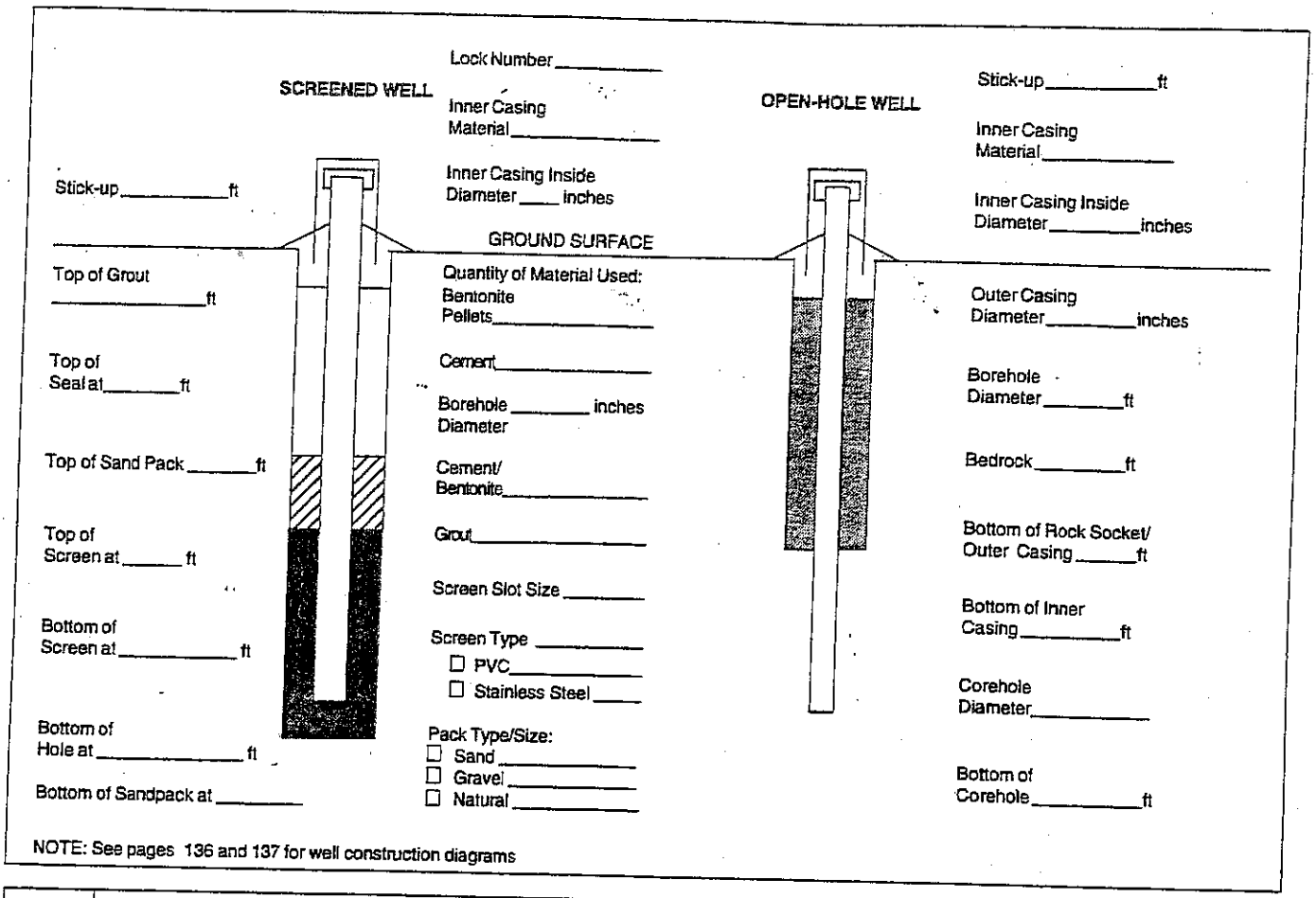
LOCATION SKETCH/COMMENTS SCALE:

See SB26 Log

PROJECT Additional AOC9 PDI	HOLE NO AOC9-SB29

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB29

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Mayer | SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	~~ANALYTICAL~~ SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		PID only				Start @ 1052
	1		0	NA		NA	
	2		0				
	3		0				
	4		0		@1100 Collect AOC9-SB29-01 (4' to 4.3')		
	5						
	6		0				
	7		0				
	8		0				
	9		0				

Depth(iset).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
-	0'-5', 4.3' Rec, Fill Material VF to Coarse Sand & Silt with little Gravel	
	5'-10', 4.3' Rec., Fill as above Dry to moist.	

HTW DRILLING LOG

HOLE NO. SB29

PROJECT Additional AOC 9 PDI | INSPECTOR Robert Mayo | SHEET OF 5 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			PID				
	10						
	11		0				
	12		0				
	13		1.2'				
	14						
	15						
	16		1.4'				Water @ 16.8'
	17		110				@ 1124 Collect AOC9-SB29-02 (17.8-18.2')
	18		711				

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PROJECT Additional AOC9 PDI | HOLE NO. AOC9-SB29

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	10' to 15', 3.4' Rec.	○	⊗	○
	10' to 12.5', Fill as above.	○	⊗	○
	12.5' to 13.0', Fine-Med Sand (brown)	○	⊗	○
	13' to 13.4', Clean light gray Silt	○	⊗	○
		○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	⊗	○
		○	⊗	○
	15'-20', 5' Rec.	○	⊗	○
	15'-16.6', Fill Materials (Silt, Sand & Gravel) as above	○	⊗	○
	16.6'-20', VF to Fine brown/gray Sand	○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB29

PROJECT Additional AOC 9 PDI | INSPECTOR Robert Cayer | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			PID				
	19		357				
	20		401				
			5.1				@1435 Collect AOC9-SB29-03 (20.3-20.7)
	21						
			1.3				
	22						
			0.1				
	23						
	24						
	25						
		@25.5'	0.1				
		@26.5'	0.3				
		@27.5'	0.1				

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 3' Rec	○	○	○
	20' to 22.35', gray/brown sand	○	○	○
	22.35' to 23', brown Sand & Rounded Gravel	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	25' to 30', 3.05' Recovery	○	○	○
	Gray/brown Sandy Till	○	○	○
		○	○	○
	B.O.H @ 30' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC9-SB30

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER SB30
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 3

3 PROJECT Additional AOC 9 PDF	4. LOCATION Former GAFB, Rome NY
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macrocore	8 HOLE LOCATION AOC 9
	9. SURFACE ELEVATION
	10. DATE STARTED 9-26-07 / 11 DATE COMPLETED 9-26-07
12. OVERBURDEN THICKNESS ≥30'	15. DEPTH GROUNDWATER ENCOUNTERED 16.71
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —
14. TOTAL DEPTH OF HOLE 30'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES NA
	—	—	

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓	—	—	Robert C. Major

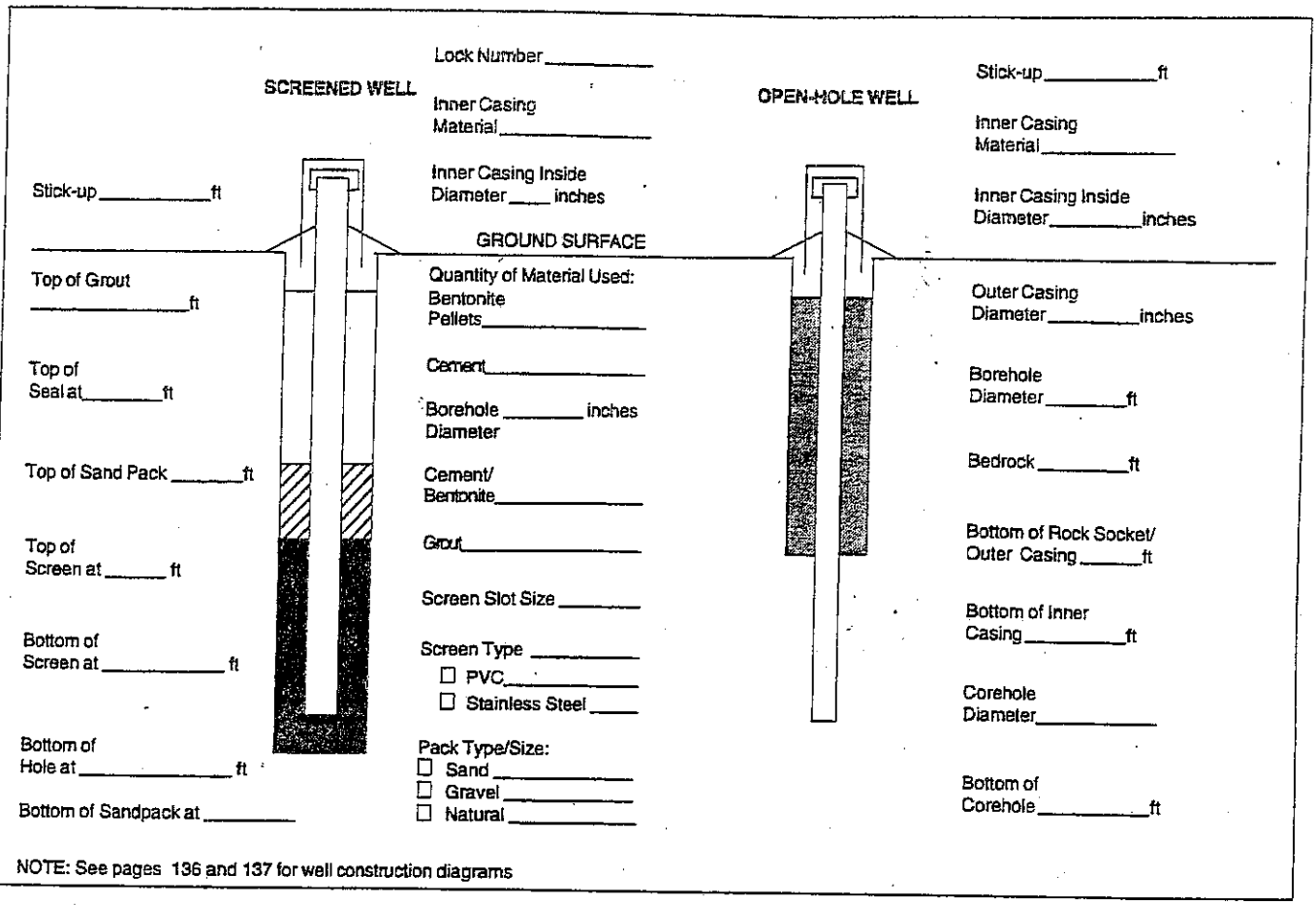
LOCATION SKETCH/COMMENTS SCALE:

See SB26 Log

PROJECT Additional AOC 9 PDF	HOLE NO AOC9-SB30

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB30

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Myers | SHEET 3 OF 3 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	1		FID/PID 0/0	NA		NA	Start 1625
			0/0				
	2		0/0				
	3		1.8/0				
	4						
	5		0/0				
	6		0/0				
			77/0				
	7		0/0				
			0/0	@1653 Collect			
	8		0/0	AOC9-SB30-1 (8'-8.3')			
	9						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 4.2' Rec, Fill Materials	⊗	⊗	○
	VF-Coarse Sand & Silt w/Some Fine-Med	○	○	○
	Gravel & tr. wood Frag @ 4.2'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 3.3' Rec, Fill Material, dry, w/moist clay	⊗	⊗	○
	VF to Coarse Sand & Fine-Med Gravel w/	○	○	○
	~~Some~~ little clay and silt	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. 5030

PROJECT Additional AOC 9 PDI

INSPECTOR Robert Meyer

SHEET 2 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10						
	11		0/0				
	12		0/0				
	13		0/0				
	14		0/0				
	15						
			0/3.9				Water @ 16.7'
	16						
			0/1				
	17						
			909/29				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 4.4' Rec	
	10'-10.95' Fill as above	
	10.95'-14.4', dry light brown Uniform VF-Fine Sand	
	15'-20', 5' Rec.	
	15'-~~18~~.2', brown Sand as above w/ Organic layer From 16.05' to 16.25'	
	18.2'-20', VF-Fine Gray Sand (w/green), also single (0.~~0~~5') rock (Limestone) Frag. @ 18.3 to 18.35)	

HTW DRILLING LOG

HOLE NO. SB30

PROJECT Additional AOC9 PDI | INSPECTOR Robert Mayer | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID 447/428	NA		NA	@ 1708 Collect AOC9-SB30-2 (19.3-19.7)
			2231/1082				
	20						
			69/49				
	21						@ 1720 Collect AOC9-SB30-3 (21.3'-21.7')
			1/2.4				
	22						
			1/1.2				
	23						
			2/1.6				
	24						
	25						
			0/0				
			@ 26.5' 0/0				
			@ 27.5' 0/0				

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25' 3.5' Rec	○	○	○
	20' to 23.5', VF to Fine brown sand, slightly	○	○	○
	gray from 20' to 20.7'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	25'-30', 3.9' Rec	○	○	○
	25'-26.5' Sand as above, wet	○	○	○
	26.5'-28.9', Gray Till, Tight Moist	○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

B.O.H @ 30 bgs.

Borehole Record for AOC9-SB31

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB31
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 3 SHEETS
3 PROJECT Additional AOC9 PDT	4. LOCATION Former GAFB, Reno NV	
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macro Core	8 HOLE LOCATION AOC9	
	9. SURFACE ELEVATION	
	10. DATE STARTED 9-27-07	11 DATE COMPLETED 9-27-07
12. OVERBURDEN THICKNESS ≥ 30'	15. DEPTH GROUNDWATER ENCOUNTERED 16.8'	
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —	
14. TOTAL DEPTH OF HOLE 30'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —	

18. GEOTECHNICAL SAMPLES	DISTURBED —	UNDISTURBED —	19 TOTAL NUMBER OF CORE BOXES NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC ✓	METALS —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	21 TOTAL CORE RECOVERY — %
22. DISPOSITION OF HOLE	BACKFILLED ✓	MONITORING WELL —	OTHER (SPECIFY) —	23. SIGNATURE OF INSPECTOR Robert A. May		

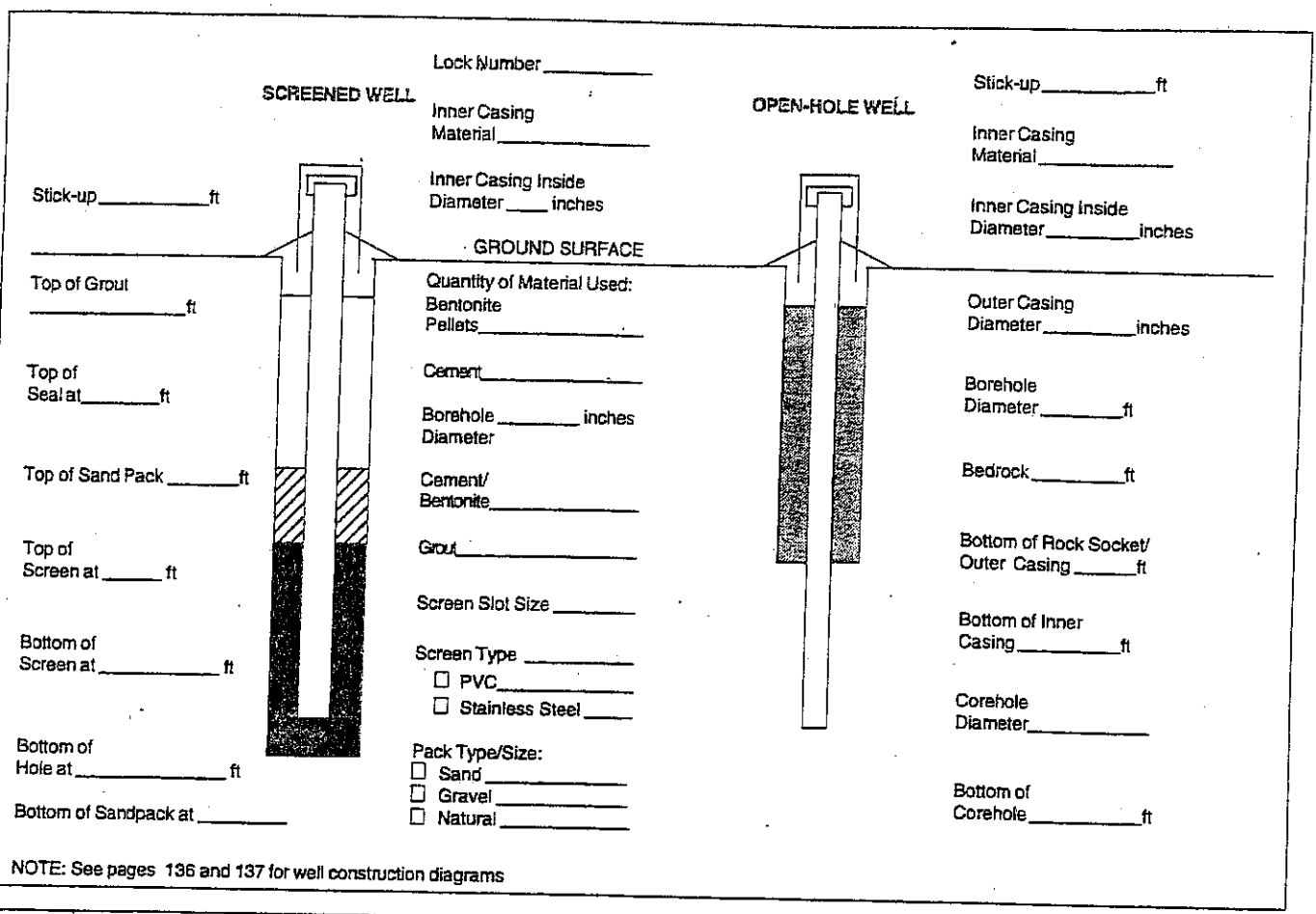
LOCATION SKETCH/COMMENTS SCALE:

See SB26 Log

PROJECT Additional AOC9 PDT	HOLE NO AOC9-SB31

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB31

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Meyer | SHEET OF 3 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				start 0758
			0/0	NA		NA	
	1						
			0/0				
	2						
	3						
	4						
	5						
			7/1.1				
	6						
			84/4.1	@0810 Collect AOC9-SB31-1 (6.3'-6.7')			
	7						
			0/1.8				
	8						
			0/2				
	9						

MRK FORM JUN 89 55-2 | PROJECT Additional AOC 9 PDI | HOLE NO. AOC9-SB31

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 1.9' Rec. Fill Material, VF-C sand & Silt with Gravel & Cobbles	
	5'-10', 4.1' Rec. Fill as above, Moist	

HTW DRILLING LOG

HOLE NO. SB31

PROJECT Additional AOC 9 PDI | INSPECTOR Robert C. Mayer | SHEET OF 5 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	10		FID/PID	NA		NA	
	11						
	12		None				
	13						
	14						
	15		3244/459				
	16			@0830 Collect			Water @ 16.8' BGS
			3248/671	AOC9-SB31-02 (16.3'-16.7')			
	17						
			1307/307				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', No Recovery (Cobble in Shoe)	
	15'-20', 5' Rec. Water @ 16.8'	
	VF-Fine Gray Sand w/ Some Silt	

HTW DRILLING LOG

HOLE NO. SB31

PROJECT Additional AOC 9 PDI | INSPECTOR Robert Gilmore | SHEET 3 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		261/512	NA		NA	
	20		66.7/132				
			24.5/7.0				
	21		67.1/64				
	22				@ 0845 Collect AOC 9-SB31-03 (22.3'-22.7')		
	23		63.0/5.6				
	24						
	25		@25.5 ~~24.5~~ 0/.2				
		@27.5 0/0	@26.5 ~~67.4~~ 0/.4				

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	20'-25', 3.3' Rec. VF to Fine gray/brown Sand wet			
	25'-30', 3.4' Rec.			
	25'-25.95', Sand as above, brown & wet			
	25.95'-28.4', Till, Brown from 25.95-27.45' (moist)			
	Gray w/shale 27.45'-28.4' (moist)			
	B.O.H @ 30'			

Borehole Record for AOC9-SB32

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER SB3Z
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 8 SHEETS
3 PROJECT Additional AOC9 PDI	4. LOCATION Former GAFB Rome NY	
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT GeoProbe Macrocore	8 HOLE LOCATION AOC 9	
	9. SURFACE ELEVATION	
	10. DATE STARTED 9-27-07	11 DATE COMPLETED 9-27-07
12. OVERBURDEN THICKNESS ≥ 29'	15. DEPTH GROUNDWATER ENCOUNTERED 16.1' BGS	
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —	
14. TOTAL DEPTH OF HOLE 29'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —	

18. GEOTECHNICAL SAMPLES	DISTURBED —	UNDISTURBED —	19 TOTAL NUMBER OF CORE BOXES NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC ✓	METALS —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	21 TOTAL CORE RECOVERY — %
22. DISPOSITION OF HOLE	BACKFILLED ✓	MONITORING WELL —	OTHER (SPECIFY) —	23. SIGNATURE OF INSPECTOR Robert Meyer		

LOCATION SKETCH/COMMENTS

SCALE:

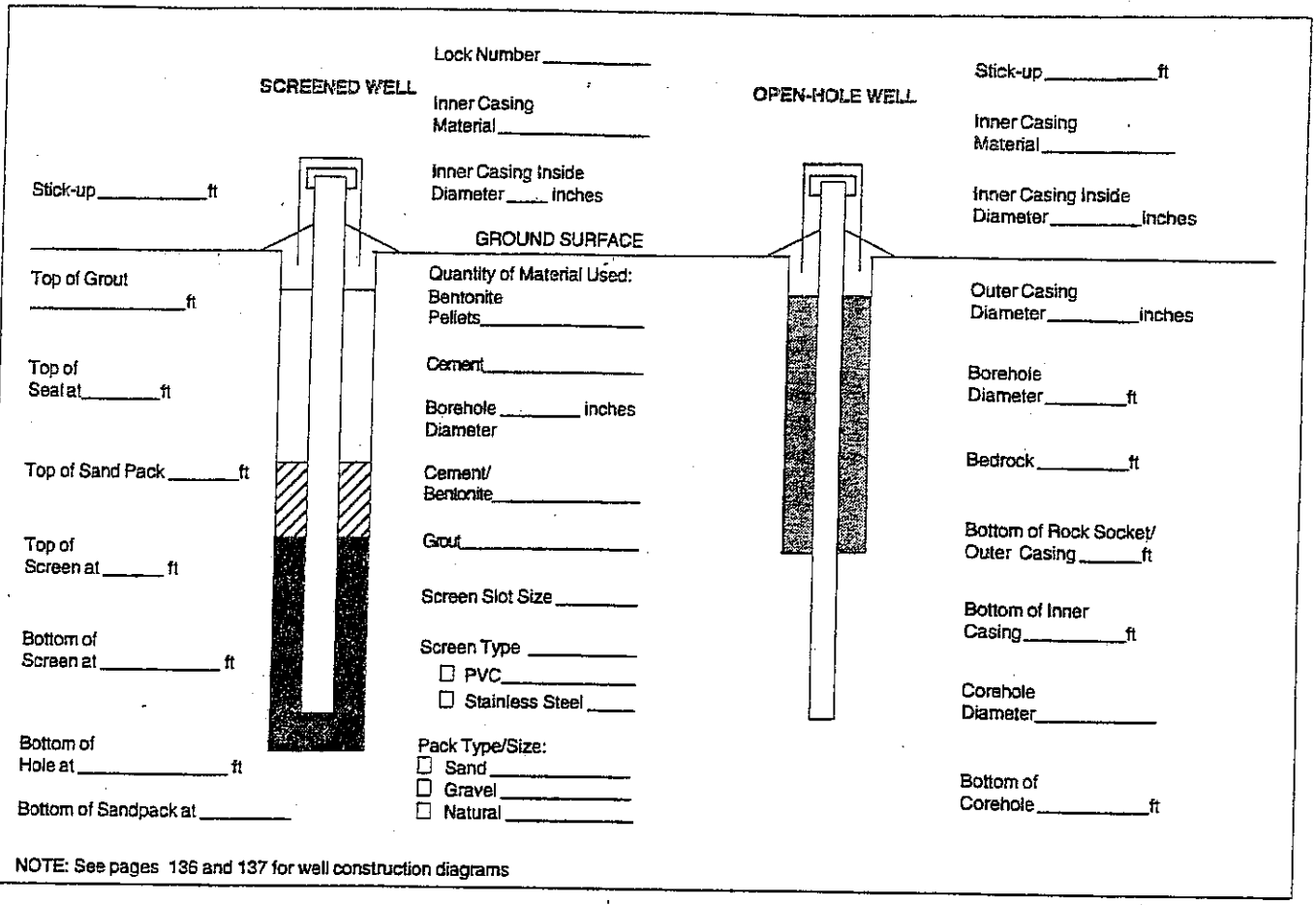
See SB26 Log

PROJECT Additional AOC9 PDI	HOLE NO AOC9-SB3Z

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. 583

PROJECT Additional AOC 9 PDI

INSPECTOR Robert A Meyer

SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				0908 Start
			0/0	NA		NA	
	1						
			0/0				
	2						
			0/0				
	3						
			0/0				
	4						
	5						
			0/.9				
	6		0/1.1				
	7		0/1.0				
	8						
	9						

MRK FORM JUN 89 55-2

PROJECT Additional AOC9 PDI

HOLE NO. AOC9-SB32

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 3.8' Rec, Fill Material Dry to Moist	
	5'-10', 2.4' Recovery, Fill Materials as above VF-C Sand, some Silt & Gravel Dry to Moist	

HTW DRILLING LOG

HOLE NO. SB32

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Myers | SHEET 5 OF 8 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10		0/.4				
	11		0/0				
	12		0/0	@0930 Collect AOC9-SB32-01 (12.3-12.6')			
	13						
	14						
	15		0/2.7				water @ 16.1'
	16		316/474				
	17		102/540	@0935 Collect AOC9-SB32-2 (17.3'-17.7')			
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10-15' 2.6' Rec.	
	10-11.1', Fill as above	
	11.1'-12.6', VF-Med. Brown Sand, Moist	
	15-20', 4.2' Rec, Water@16.1'	
	15'-16.1', Sand as above	
	16.1'-20', Gray Sand	

HTW DRILLING LOG

HOLE NO. SB32

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Mayer | SHEET 8 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID				
			21/92.6	NA		NA	
	19						
	20						
			76.7/2.6				
	21						@0948 collect AOC9-SB32-3 (21.1'-21.5')
			0/0				
	22						
			0/0				
	23						
	24						
	25						
			0/0				
		@26.5'	0/0				
		@27.5'	0/0				

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊘
		○	○	⊘
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 3.3' Rec. Wet	○	○	○
	20-23.3', VF-Fine Sand, Slightly Gray from 20' to 20.4', brown from 20.4' to 23.3'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊘
	25'-29', 3.4' Rec.	○	○	⊘
	25'-25.4', Sand as above, wet	○	○	⊘
	25.4' to 29.4', Gray Till, Moist	○	⊘	○
		○	○	○
		○	○	○
	B.O.H @ 29' BGS	○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC9-SB33

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City

HOLE NUMBER: SB33

1. COMPANY NAME: EEE PC
2. DRILL SUBCONTRACTOR: Zebra
SHEET 1 OF 2 SHEETS
3. PROJECT: Additional AOC 9 PDI
4. LOCATION: Former GAFB, Rome NY
5. NAME OF DRILLER: Phil Orsi
6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6610
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macro Core
8. HOLE LOCATION: AOC 9
9. SURFACE ELEVATION:
10. DATE STARTED: 9-25-07
11. DATE COMPLETED: 9-25-07
12. OVERBURDEN THICKNESS: 29'
15. DEPTH GROUNDWATER ENCOUNTERED: 10.6' BGS
13. DEPTH DRILLED INTO ROCK: NA
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA
14. TOTAL DEPTH OF HOLE: 29'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —
18. GEOTECHNICAL SAMPLES: DISTURBED —; UNDISTURBED —
19. TOTAL NUMBER OF CORE BOXES: NA
20. SAMPLES FOR CHEMICAL ANALYSIS: VOC ✓; METALS; OTHER (SPECIFY); OTHER (SPECIFY); OTHER (SPECIFY)
21. TOTAL CORE RECOVERY — %
22. DISPOSITION OF HOLE: BACKFILLED ✓; MONITORING WELL; OTHER (SPECIFY)
23. SIGNATURE OF INSPECTOR: Robert A Meyer

LOCATION SKETCH/COMMENTS

SCALE:

See AOC9-SB34 Log

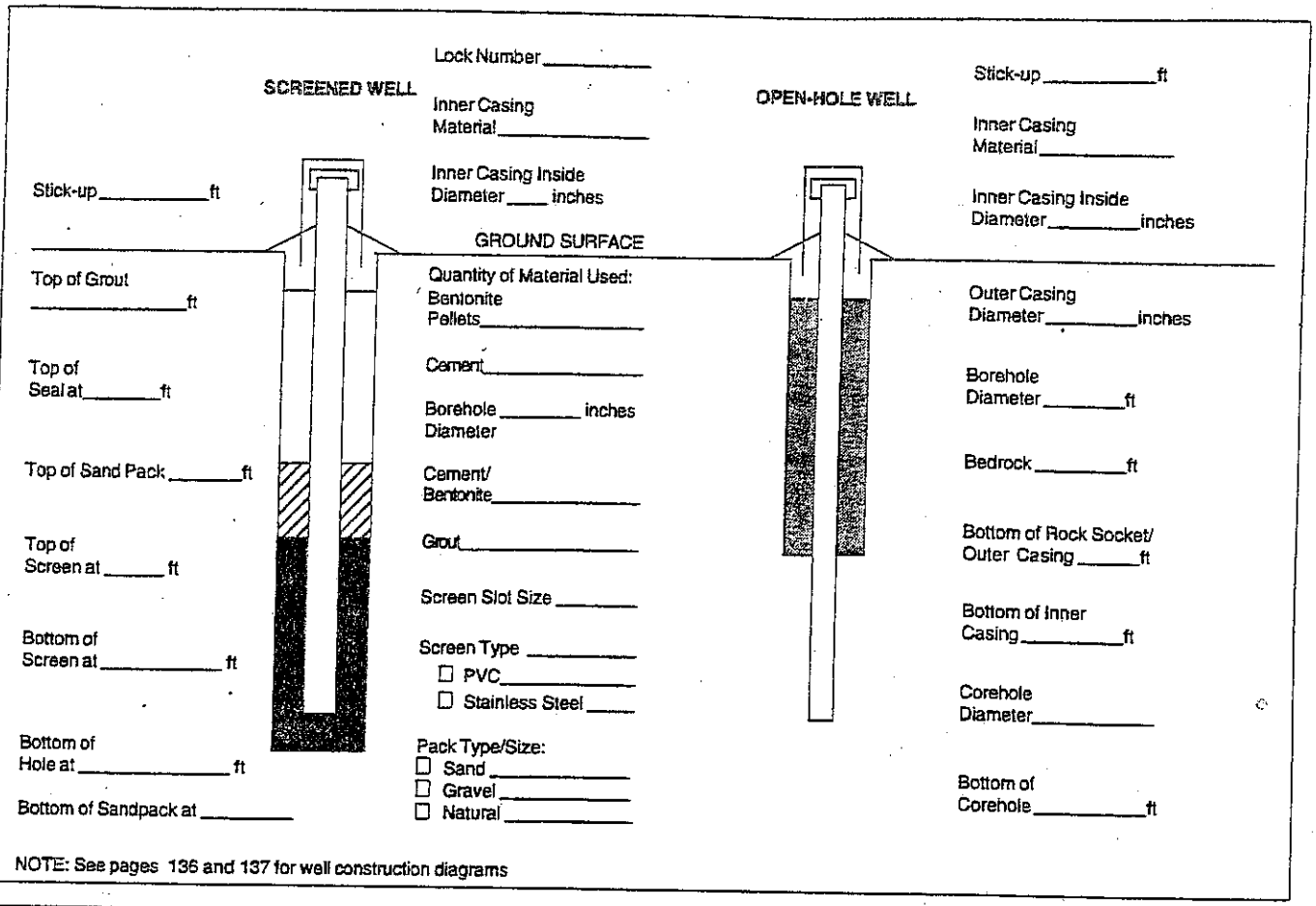
PROJECT: Additional AOC 9 PDI

HOLE NO: AOC9-SB33

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB33

PROJECT Additional AOC9 PDT

INSPECTOR Robert Meyer

SHEET OF 3 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	Start @ 0805
	1		0/262				2' Rec
	2		4.8/94.4				
	3						
	4						
	5						
			0.8/59.9				4.7' Rec
	6		0/66.4				
	7		0.5/88				
	8		0.4/59				
	9						

MRK FORM JUN 89 55-2

PROJECT Additional AOC9 PDI

HOLE NO. AOC9-SB33

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
0	0'-5' 2.0' Rec., dry to moist, Fill Materials	⊗	⊗	○
	0' to 1.85', VF gray/light brown sand w/some silt & round fine to coarse gravel (Broken	◐	◐	○
	Cobble @ 1.6')	◐	◐	○
1	1.85' to 2.0', VF gray/brown Sand, tr. coarse Sand	◐	◐	○
		◐	◐	○
		◐	◐	○
2		⊗	⊗	○
		○	○	○
		○	○	○
		○	○	○
3		○	○	○
		○	○	○
		○	○	○
		○	○	○
4		○	○	○
		○	○	○
		○	○	○
		○	○	○
5	5' to 10', 4.7' Rec. Moist	○	⊗	○
	5' to 5.65' Med brown Silty fine Sand w/trace shale Frags & clay.	○	◐	○
		○	◐	○
	5.65' to 6.2', Gray Angular gravel and silt w/little VF Sand	○	◐	○
	6.2' to 7.4', VF to Fine brown Sand, Uniform	○	◐	○
	7.4' to 9.7' rounded Gravelly Sand (50/50)	○	◐	○
		○	◐	○
		○	◐	○
		○	◐	○
		○	◐	○
		○	◐	○
		○	◐	○
		○	◐	○
		○	⊗	○

HTW DRILLING LOG

HOLE NO. SB33

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Meyer | SHEET 8 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
			0/59.4				
	10						
			0/142				Water @ 10.6' BGS
	11						
			7.1/155				
	12						
			17.2/188		@0345 Collect AOC9-SB33-01		
	13						
			10.9/51				
	14						
	15						
			Not Available for each foot FID Ranged from 0 to 3.9 PID Ranged from 11.7 to 13.5				Sleeve stuck in barrel
	16						
	17						
	18						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
10	10' to 15' 4.1' Rec. Water @ 10.6' BGS	○	○	○
	10' to 10.8' Gravel/Sand as above.	○	○	○
	10.8' to Fine Uniform brown/Gray Sand, Saturated,	○	○	○
	Slight odor.	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
15	15-20', 3 to 5' Recovery, Sleeve stuck in barrel	○	○	○
	Sample dumped on the ground	○	○	○
	Wet Sand as above, No odor	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB33

PROJECT Additional AOC 9 PDI | INSPECTOR Robert C Wilson | SHEET 3 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID	NA		NA	
	20						
	21						
	22						
	23						
	24						
	25		@25.5' 4.1/20 @26.5' 0/7.5 @27.5 0/2.6 @28.5 0/4.0				Refusal @ 29' BGS 4' Rec

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊗
20-25'	Accidentally skipped	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
25' to 25.2',	Fine brown Sand as above	○	⊗	⊗
25.2' to 29',	Gray Till/weathered Shale wet to Moist	○	○	○
		○	○	○
	B.O.H @ 29' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC 9-SB34

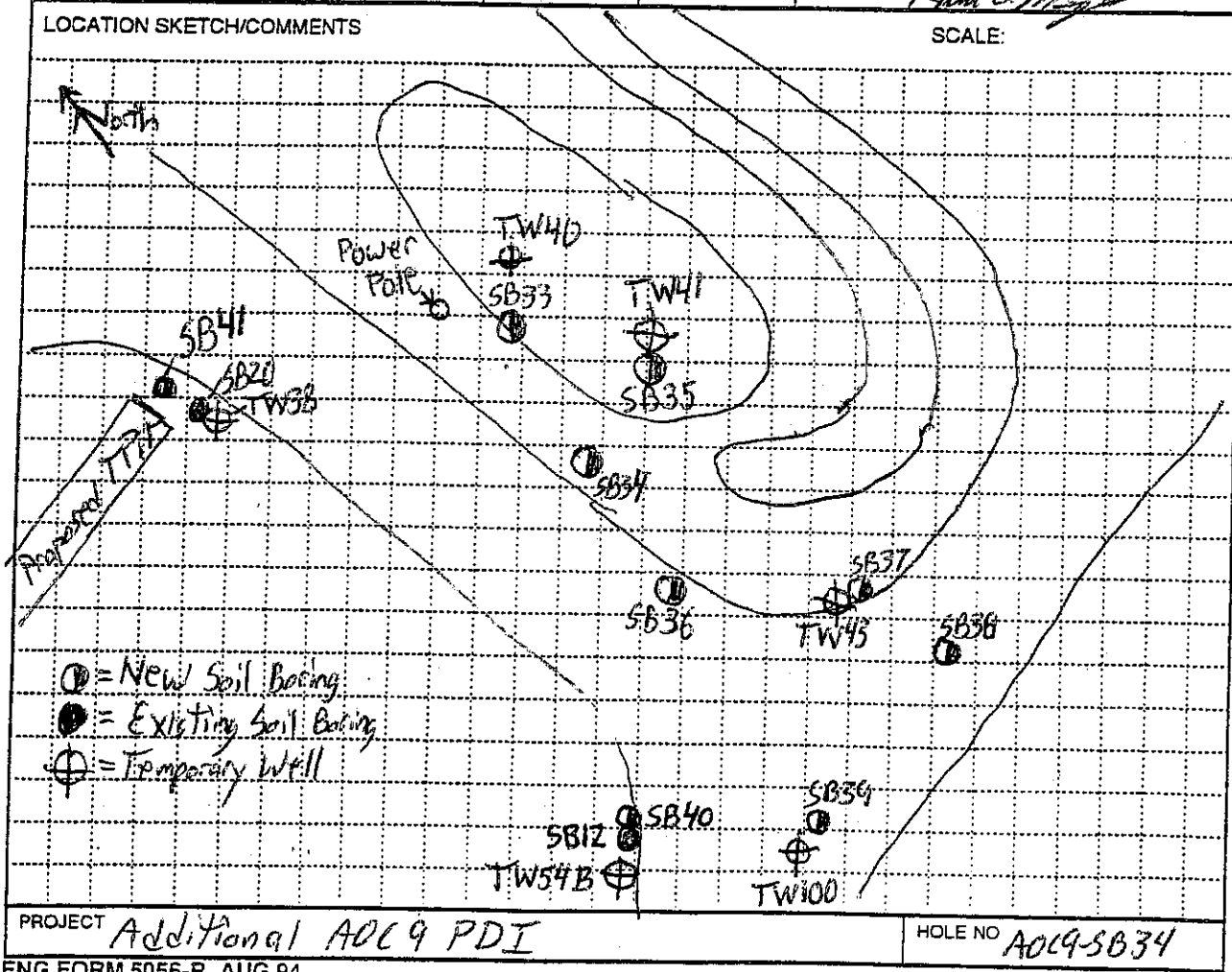
- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: SB34
1. COMPANY NAME: EEEPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF SHEETS 8
3. PROJECT: Additional AOC 9 PDI	4. LOCATION: AOC 9 Former GAFB, Rome, NY	
5. NAME OF DRILLER: Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6610	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe macro core	8. HOLE LOCATION: AOC 9.	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 9-25-07	11. DATE COMPLETED: 9-25-07
12. OVERBURDEN THICKNESS: 27.5'	15. DEPTH GROUNDWATER ENCOUNTERED: 10.3' BGS	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —	
14. TOTAL DEPTH OF HOLE: 27.5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES: NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY — %
	✓	—	—	—	—	
22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR: Robert Mayo		
	✓	—	—			

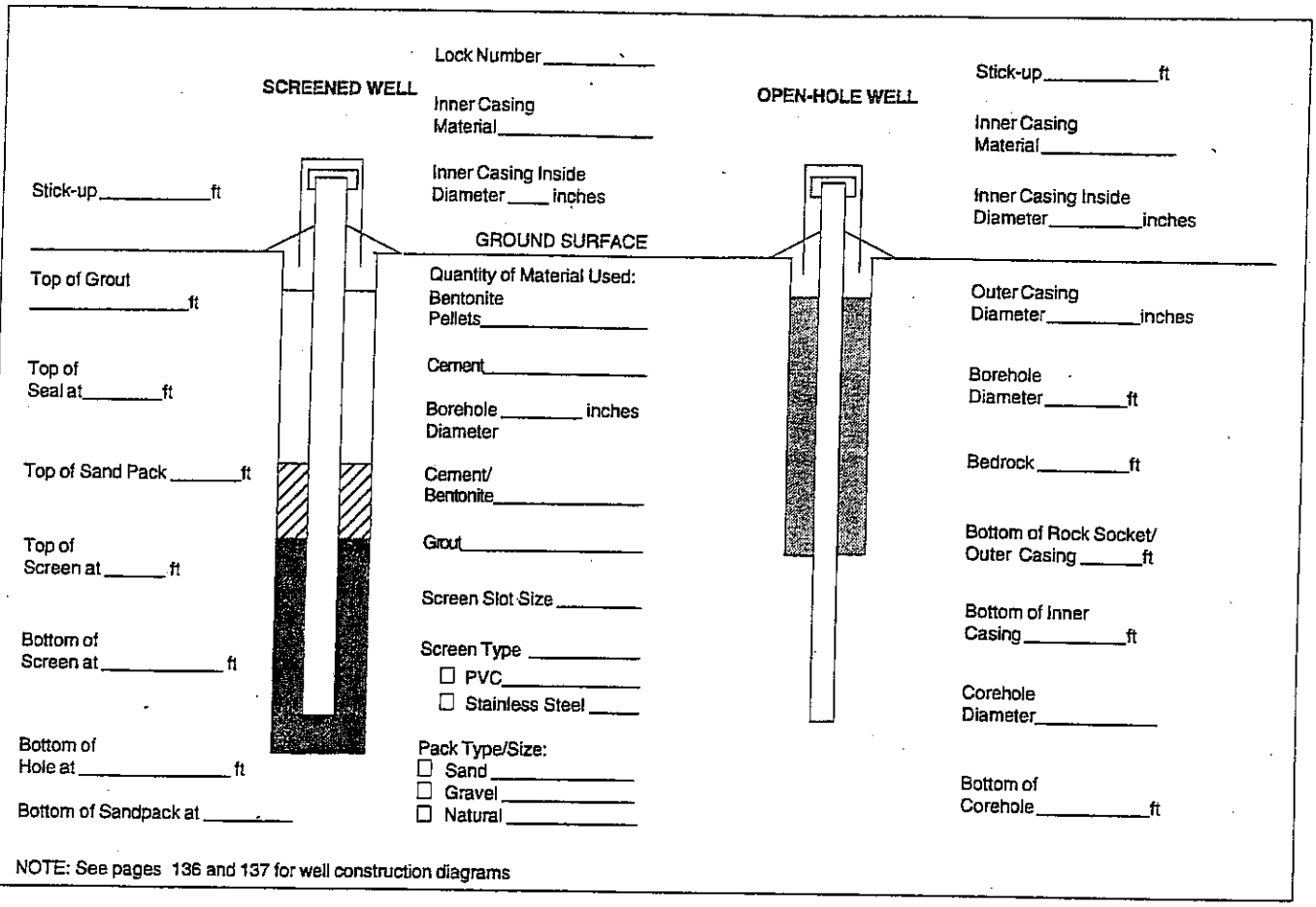
LOCATION SKETCH/COMMENTS — SCALE:



PROJECT: Additional AOC 9 PDI — HOLE NO: AOC9-SB34

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB34

PROJECT Add'l AOC9 PDI | INSPECTOR Robert A. Mayer | SHEET OF 3 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			(FID/PID)	NA		NA	
			0/0.1				
	1	Run 1 0-5'					3.6' Rec.
			0/0.1				
	2						
			0/0.1				
	3						
			0/0.1				
	4						
	5						
			3.6/.9				
	6	Run 2, 5'-10'					
			0/1.1				
	7						
			0/.1				
	8						
			0/0				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION SB34	Moisture Content: Dry / Moist / Wet
	0'-5' 3.6' Rec., Fill Materials, dry Gravel w/ Some Sand & little Silt	
5'	5'-10', 3.8' Rec., Fill Materials, dry to Moist Gravel with Some VF-coarse Sand and Silt	
8'		
9'		

HTW DRILLING LOG

HOLE NO. SB34

PROJECT Add'l AOC9 PDI | INSPECTOR Robert A. Mayer | SHEET 5 OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9		FID/PID	NA		NA	
	10						water @ 10.3' BGS
			430/207				
	11						
			361/174				
	12				@1150 Collect		
			734/290		AOC9-SB34-01		(12.3-12.7)
	13						
			102/31				
	14						
	15				@1200 Collect		
			0.4/2.6		AOC9-SB34-02		3.4' REC (15.3 to 15.7)
	16						
			1.1/4.2				
	17						
			0.4/4.1				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION 5634	Moisture Content: Dry	Moist	Wet
10'	10' to 15', 3.4' Rec. Water @ 10.3' BGS	X	X	
	10' to 10.7', Rounded Gravel & little VF-Coarse Sand			X
	10.7' to 13.4' VF to Fine dark gray Sand w/Solvent odor Uniform			
	15'-20', 3.4' Rec.			
	15' to 15.15', Gray Sand as above			
	15.15' to 18.4', Uniform light brown Sand			

HTW DRILLING LOG

HOLE NO. SB34

PROJECT Add'l AOC 9 PDI | INSPECTOR Robert A Munger | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID	NA		NA	
	20		.4/0				3.8' Rec
	21		1.3/0				
	22		3.2/0				
	23		1.1/0				
	24						
	25		0/.1				1.4' Rec Refusal @ 27.5' bgs
	26		0/0				
	27						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 3.8' Rec	○	○	○
	20-22.9', Sand as above	○	○	○
	22.9' to 23.8', Till, brown to gray, heavy iron staining for Top 0.7' of Till	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	⊗	⊗
		○	⊗	⊗
	25' to 27.9', 1.9' Rec.	○	⊗	○
	Gray Till	○	○	○
		○	○	○
		○	⊗	○
	B.O.H @ 27.5' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC 9-5 B35

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER SB35
1 COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 5

3 PROJECT Additional AOC 9 PDI	4. LOCATION Former GAFB, Rome NY
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe MacroCore	8 HOLE LOCATION AOC 9
	9. SURFACE ELEVATION
	10. DATE STARTED 9-25-07 / 11 DATE COMPLETED 9-25-07
12. OVERBURDEN THICKNESS 28.2'	15. DEPTH GROUNDWATER ENCOUNTERED 12.8'
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —
14. TOTAL DEPTH OF HOLE 28.2'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES NA
	—	—	

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓	—	—	Robert Mayer

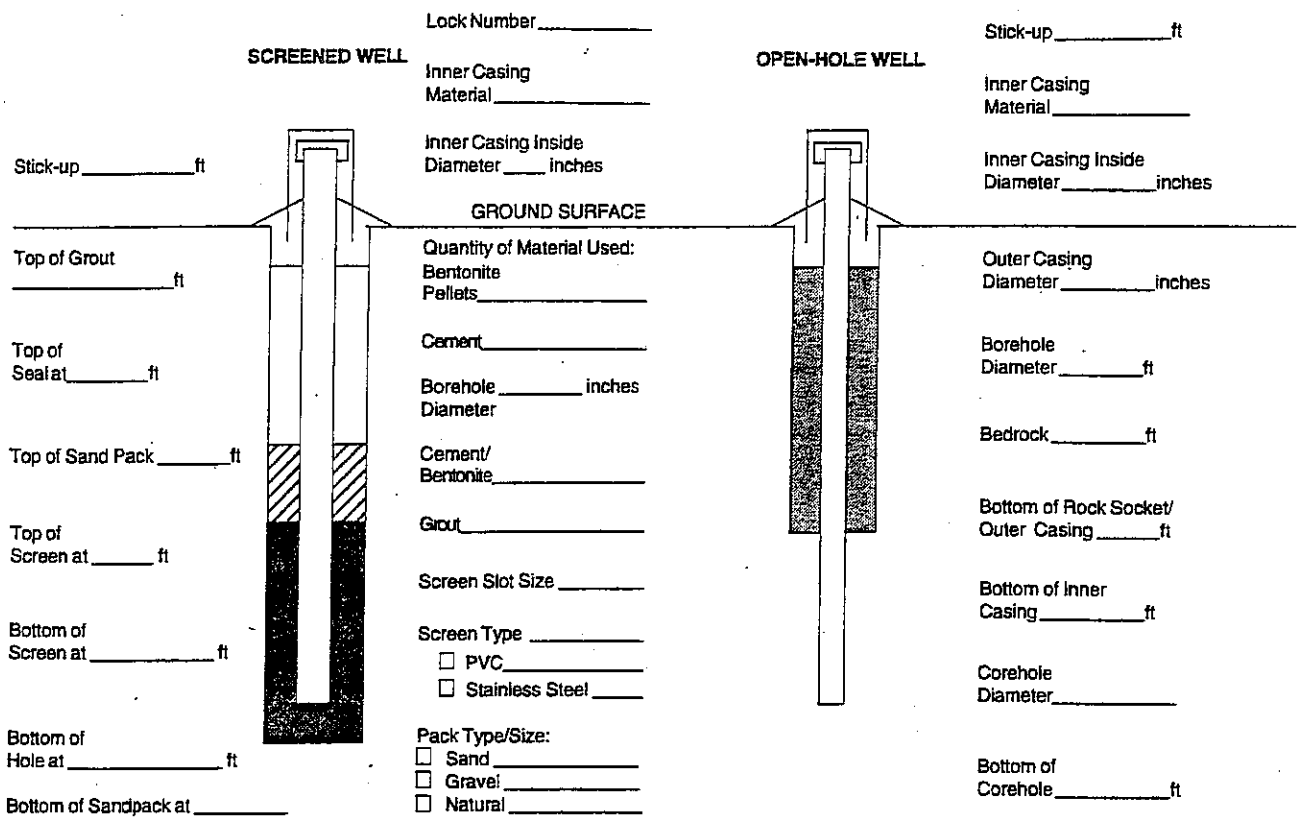
LOCATION SKETCH/COMMENTS SCALE:

See SB34 Log

PROJECT Additional AOC 9 PDI	HOLE NO AOC9-SB35

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB35

PROJECT Additional AOC 9 PDI

INSPECTOR Robert A Myer

SHEET OF 3 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
			0/7.4				
	1						
			0/6.7				
	2						
			0/15.4				
	3						
			0/19.1				
	4						
			9.5/48.9				wood Fragment
	5						
			0/12.4				4.1' Rec.
	6						Moist @ 6.2' BGS
			0.5/40.2				
	7						
			0/58.7				
	8						
			0/38.7				
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0'-5', 5' Rec., Fill Materials, Mix of VF Sand and Silt w/Shale Fragments & gravel throughout. Wood Fragments in bottom 0.3' (Black)	
	5'-10', 4.1' Rec., Fill Materials, Moist @ 6.2' BGS brown to Gray VF to Coarse Sand w/tr. to some rounded Gravel.	

HTW DRILLING LOG

HOLE NO. SB35

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Meyer | SHEET OF 5 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	9		FID/PID	NA		NA	
	10		0.5/36.4				
	11		0/12.4				Water @ 12.5'
	12		0/25.5				
	13		1529/286		@1025 Collect Sample AOC9-SB35-01 (13.4' to 13.6')		
	14						
	15		582.6/237				
	16		162.3/117		@1035 Collect AOC9-SB35-02 (16.3-16.5')		
			18.1/22.6				
	17		7.2/6.8		Plus Dup.		
			1.4/23				
	18		3.9/5.3				

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	10' to 15', 3.8' Rec. Water @ 12.8'	○	⊗	○
	10' to 13.4', Rounded Fine to Med Gravel w/ little VF-Coarse Sand	○	⊗	○
		⊗	⊗	○
	13.4' to 13.6', Black Fine Sand w/ tr. gravel, slight "oil" sheer, moderate solvent odor	○	○	⊗
	13.6' to 13.8' Sand as above only Black/Brown	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊗
		○	○	⊗
	15'-20', 3.2' Rec., Wet	○	○	⊗
	15' to 16.15', Gray Sand, VF to Fine	○	○	○
	16.15' to 18.2', light brown VF to Fine, Uniform Sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊗

HTW DRILLING LOG

HOLE NO. SB35

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Mayer | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID NA/NA	NA		NA	
	20		1.1/0.4				2' Rec.
	21		3.8/1.4				
	22						
	23						
	24						
	25		3.7/1				
	26		@ 26.5 1.4/.1				
	27		@ 27.5'	/.1			

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20' to 25', 2' Rec., Wet	○	○	○
	VF to Fine Sand as above	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	25' to 28.2' (Refusal @ 28.2), 2.7' Recovery	○	○	○
	Gray Till w/ tr. brown sand @ 25.2' to 25.55',	○	○	⊗
	(gray) Till is Clayey Silt & VF Sand w/ some gravel	○	⊗	○
	and Shale, highly weathered Shale from 27.2' to 27.7'	○	⊗	○
	↑ moist	○	○	○
		○	○	○
	B.O.H @ 28.2' BGS	○	○	○
		○	○	○

Borehole Record for AOC9-SB36

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: AOC9-SB36
1. COMPANY NAME: EEEPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF 4 SHEETS
3. PROJECT: Additional AOC 9 PDI	4. LOCATION: Former GAFB, Rome NY	
5. NAME OF DRILLER: Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6610	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe MacroCore	8. HOLE LOCATION: AOC 9	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 9-25-07	11. DATE COMPLETED: 9-25-07
12. OVERBURDEN THICKNESS: > 7.9'	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —	
14. TOTAL DEPTH OF HOLE: 7.9'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	—	—	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓	—	—	Robert A Mayo

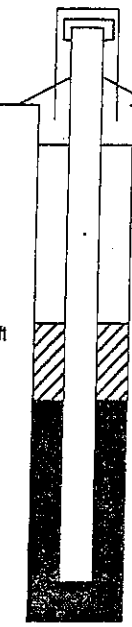
LOCATION SKETCH/COMMENTS — SCALE:

See AOC9-SB34 Log

PROJECT	HOLE NO
Additional AOC 9 PDI	AOC9-SB36

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



SCREENED WELL

Lock Number_____

Inner Casing Material_____

Inner Casing Inside Diameter____inches

Stick-up_____ft

GROUND SURFACE

Top of Grout _____ft

Top of Seal at_____ft

Top of Sand Pack _____ft

Top of Screen at _____ ft

Bottom of Screen at_____ft

Bottom of Hole at _____ft

Bottom of Sandpack at _____

Quantity of Material Used:
Bentonite Pellets_____

Cement_____

Borehole _____ inches Diameter

Cement/ Bentonite_____

Grout_____

Screen Slot Size _____

Screen Type _____
☐ PVC_____
☐ Stainless Steel____

Pack Type/Size:
☐ Sand _____
☐ Gravel _____
☐ Natural _____



OPEN-HOLE WELL

Stick-up_____ft

Inner Casing Material_____

Inner Casing Inside Diameter_____inches

Outer Casing Diameter_____inches

Borehole Diameter_____ft

Bedrock_____ft

Bottom of Rock Socket/ Outer Casing_____ft

Bottom of Inner Casing_____ft

Corehole Diameter_____

Bottom of Corehole_____ft

NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB36

PROJECT Additional AOC9 PDI | INSPECTOR Robert a Myer | SHEET 4 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID	NA		NA	1407 Begin
			0/.2				
	1						
			0/.1				
	2						
			0/.1				
	3						
			0/.2				
	4						
	5						
			0/.1				
	6						
			0/35				Refusal Twice @ 7.9' BGS Go in with Solid Point
	7						
			0/1.4				
	8						
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 3.7' Recovery, Dry to moist Fill Material	⊗	○	○
	Crushed limestone & rounded fine to	○	○	○
	Coarse Gravel & Cobbles w/some	○	○	○
	(VF Sand to Coarse) & Silt	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		⊗	○	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
5'	5' to 7.9', 2.9' Recovery	○	⊗	○
	Gravel & Cobbles as above	○	○	○
		○	○	○
	B.O.H @ 7.9' BGS	○	○	○
		○	○	○
	☆Refusal 5 times @ ≃ 8' BGS	○	○	○
	(3 with Solid Point)	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB36

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Myers | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10						
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						

HTW DRILLING LOG

HOLE NO. SB36

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Myers | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID	NA		NA	
	20						
	21						
	22						
	23						
	24						
	25						

Borehole Record for AOC9-SB37

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB37
1. COMPANY NAME EEEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 8 SHEETS
3. PROJECT Additional AOC9 PDI	4. LOCATION Former GAFB Rome NY	
5. NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macrocore	8. HOLE LOCATION AOC 9	
	9. SURFACE ELEVATION	
	10. DATE STARTED 9-25-07	11. DATE COMPLETED 9-25-07
12. OVERBURDEN THICKNESS ~~>25' RAA~~ >25'	15. DEPTH GROUNDWATER ENCOUNTERED 10.3	
13. DEPTH DRILLED INTO ROCK NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —	
14. TOTAL DEPTH OF HOLE ~~NA RAA~~ 25'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —	

18. GEOTECHNICAL SAMPLES	DISTURBED —	UNDISTURBED —	19. TOTAL NUMBER OF CORE BOXES NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC ✓	METALS —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	OTHER (SPECIFY) —	21. TOTAL CORE RECOVERY — %
22. DISPOSITION OF HOLE	BACKFILLED ✓	MONITORING WELL —	OTHER (SPECIFY) —	23. SIGNATURE OF INSPECTOR Robert A. Mayer		

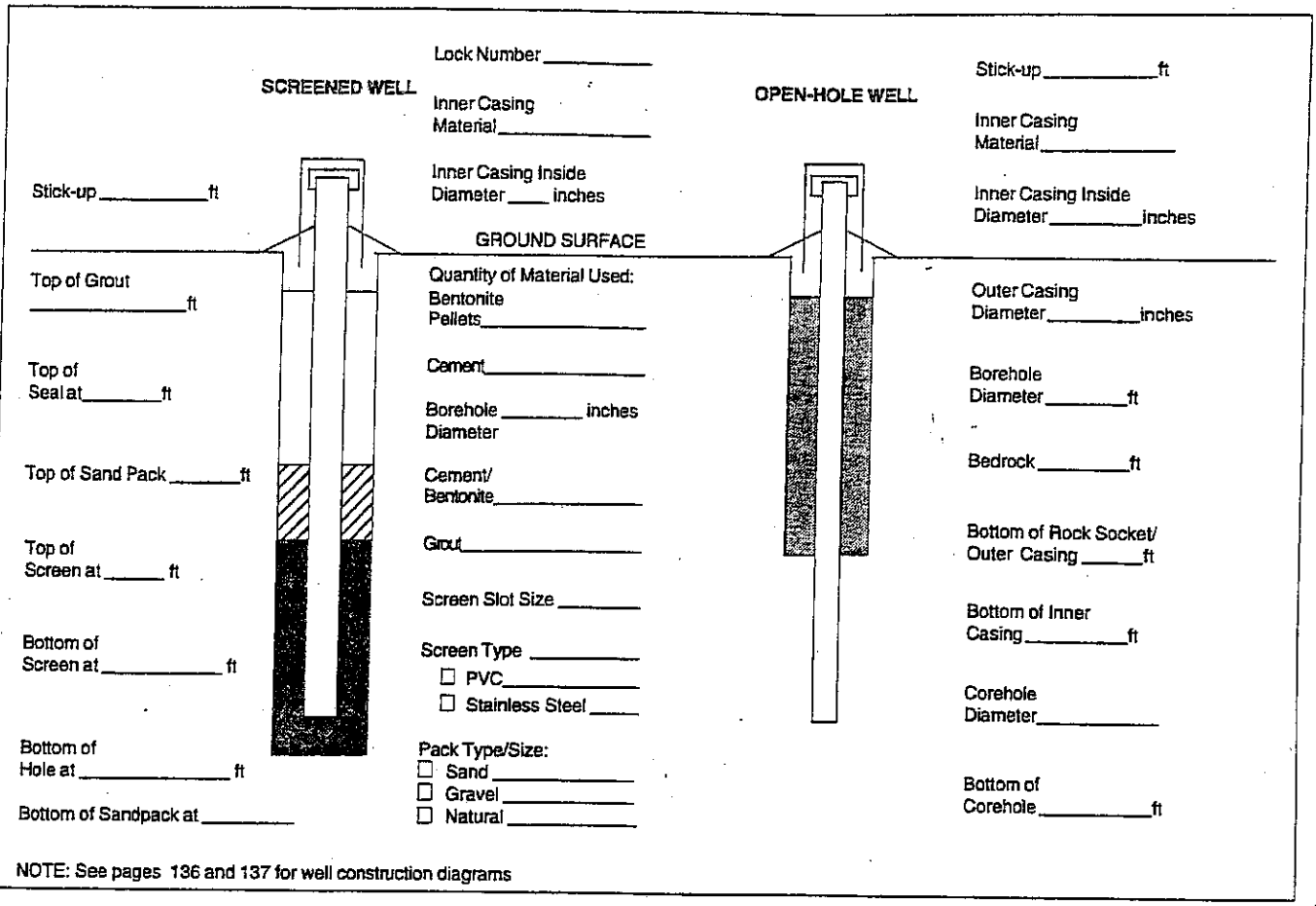
LOCATION SKETCH/COMMENTS SCALE:

See AOC9-SB34 Log

PROJECT Additional AOC9 PDI	HOLE NO AOC9-SB37

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB37

PROJECT Additional AOC9 PDI | INSPECTOR Rahat A. Mayo | SHEET 3 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				Start 1450
			0/0.9	NA		NA	
	1						
			0/.4				
	2						
			NA/NA				
	3						
	4						
	5		NA/0.1				FID Malfunction
	6						
			NA/0.1				
	7						
	8						
	9						

MRK FORM JUN 89 55-2 | PROJECT Additional AOC9 PDI | HOLE NO. AOC9-SB37

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 2.1' Rec. Fill Material, moist @ 1.4'	⊗	○	○
	Crushed stone (Limestone) and Gravel	⊗	○	○
	with little VF to Coarse Sand/silt	⊗	○	○
1		⊗	○	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	Fill	○	○	○
	All Material	○	○	○
	5-10', 2.4' Rec. Fine to Coarse Gravel as above	○	⊗	○
	w/ Cobbles	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB37

PROJECT Additional AOC9 PDI | INSPECTOR Robert a Mayo | SHEET 3 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10		NA/O				sleeve stuck in Barrel water @ 10.3'
	11		NA/O				
			NA/O				
	12						
	13						
	14						
	15						
	16		NA				
	17						
	18						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	10'-15', 1.4' Rec.			
	10' to 10.3' Same as above, dry to Moist			
	10.3' to 11.4', Uniform, Wet, VF to Fine Sand			
	15-20', Sleeve crushed in barrel again, wet Uniform brown Sand as above fell out while trying to remove Sleeve			

HTW DRILLING LOG

HOLE NO. SB37

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Mayer | SHEET 7 OF 8 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		FID/PID	NA		NA	
	20		NA/0		@ 1700 Collect AOC9-SB37-01 (20.8-21.2)		
	21		NA/0				
	22		NA/0				
	23						
	24						
	25						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	20'-25', 3.5' Recovery	○	○	⊗
	20 to 21.75' Uniform brown Sand VF to Fine	○	○	⊗
	21.75 to 23.3 Gray Till Silty Clay & VF to med Sand	○	○	⊗
	and Gravel/weathered shale	○	○	⊗
		○	○	○
	B.O.H @ 25' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC 9-SB38

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG	DISTRICT Kansas City	HOLE NUMBER AOC9-SB33
1 COMPANY NAME EEPC	2. DRILL SUBCONTRACTOR Zebra	SHEET 1 OF 5
3 PROJECT Additional AOC9 PDI	4. LOCATION Former GAFB, Rome NY	
5 NAME OF DRILLER Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6610	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe Macrocore	8 HOLE LOCATION AOC9	
	9. SURFACE ELEVATION	
	10. DATE STARTED 9-25-07	11 DATE COMPLETED 9-25-07
12. OVERBURDEN THICKNESS > 24.5'	15. DEPTH GROUNDWATER ENCOUNTERED 11'BGS	
13. DEPTH DRILLED INTO ROCK NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED —	
14. TOTAL DEPTH OF HOLE 24.5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) —	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC ✓	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
22. DISPOSITION OF HOLE	BACKFILLED ✓	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR		

LOCATION SKETCH/COMMENTS

SCALE:

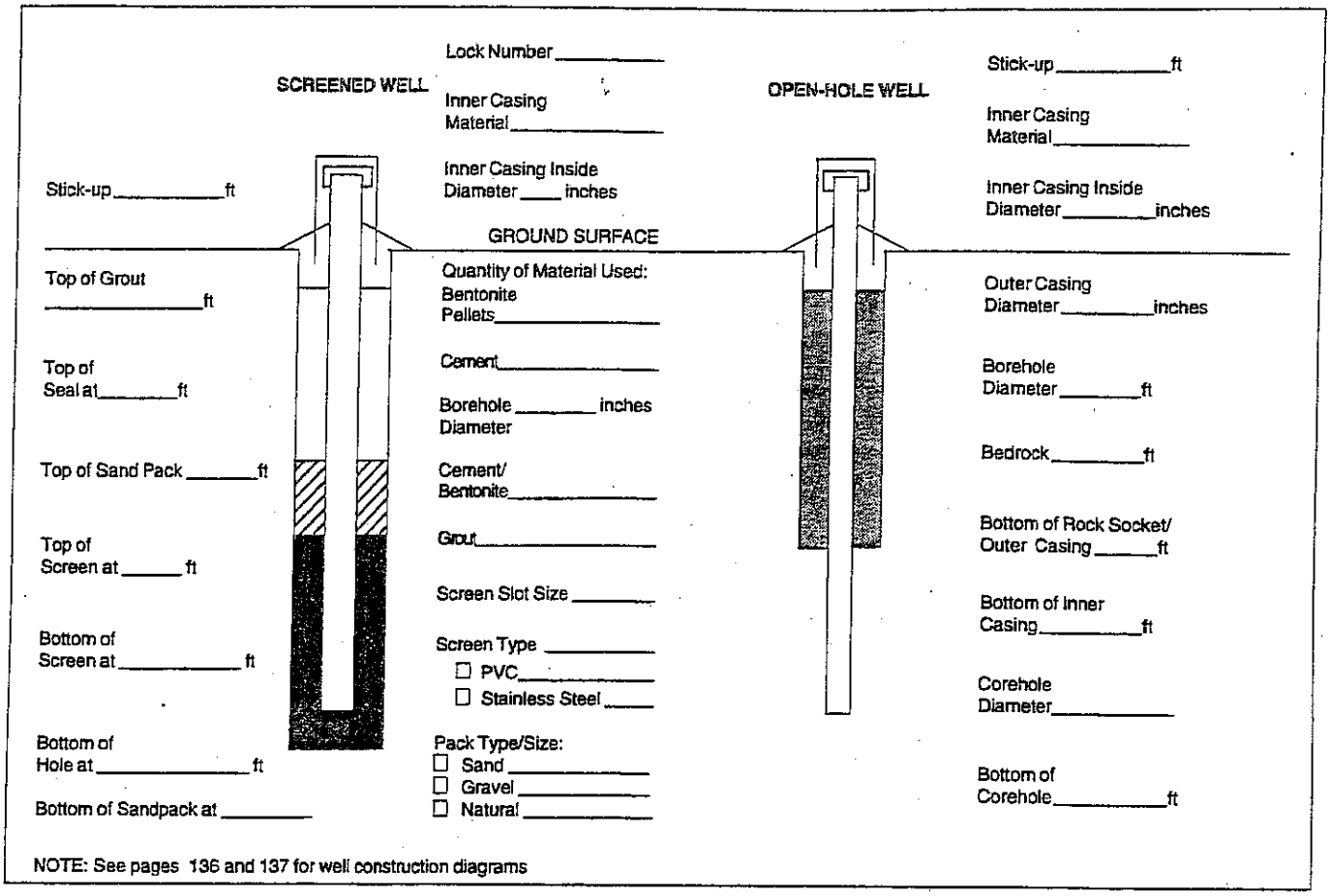
See AOC9-SB34 Log

PROJECT Additional AOC9 PDI	HOLE NO AOC9-SB33

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB38

PROJECT Additional AOC9 PDI

INSPECTOR Robert A Myers

SHEET 2 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID	NA		NA	Start 1704
			NA/0.4				FID Malfunctioning
	1						
			NA/0.1				
	2						
			NA/0				
	3						
			NA/0				
	4						
	5						
			NA/0				
	6						
			NA/0				
	7						
	8						
	9						

Depth(feat).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 3.6' Rec Dry	⊗	○	○
	0-0.65' Asphalt	⊗	○	○
	0.65' to 1.4' Road base (Crushed Limestone)	⊗	○	○
	1.4' to 3.6" Fill, rounded gravel & Sm. Cobbles with	⊗	○	○
	Some Silty VF-Coarse sand.	⊗	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 1.7' Recovery, Dry to Moist	⊗	⊗	○
		⊗	⊗	○
		⊗	⊗	○
		⊗	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. 5538

PROJECT Additional AOC 9 · PDF | INSPECTOR Robert A Mayer | SHEET 3 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			PID / PID	NA		NA	
	10		NA/0				water @ Approximately 11' BGS
	11		NA/0	@1740 Collect AOC9-SB38-01 (11.5'-12')			
	12		NA/0				
	13		NA/0				
	14		NA/0.1				
	15		NA/0				
	16		NA/0				
	17		NA/.1				
	18						

MRK FORM JUN 89 55-2 | PROJECT Additional AOC9 PDI | HOLE NO. AOC9-SB38

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	⊗	○
		○	○	○
		○	◐	○
		○	◐	○
		○	○	○
	10' to 15', 4.5' Rec, Water @ ≈ 11' BGS	○	⊗	○
	10' to 10.9' Fill as above	○	◐	○
	10.9' to 14.5', Uniform brown Sand	○	◐	○
		○	○	⊗
		○	○	◐
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15' to 20', 3.65' Rec	○	○	◐
	VF to Fine, Uniform brown Sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	◐

HTW DRILLING LOG

HOLE NO. SB38

PROJECT Additional AOC9 PDI | INSPECTOR Robert a Myers | SHEET 7 OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		PID/PID NA/.1	NA		NA	
	20		NA/0				
	21			1805 Collect AOC9-SB38-02 (21'-23.4')			
			NA/0				
	22						
			NA/0				
	23						
			NA/0				Refusal @ 24.5' BGS
	24						
	25						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	⊗
		○	○	⊗
		○	○	⊗
		○	○	⊗
		○	○	⊗
		○	○	⊗
	20' to 25', 4.1' Rec	○	○	⊗
	20' to 21.8', brown Sand VF-Med, Uniform	○	○	⊗
	21.8 to 22.4', Gray Sand VF-Med, Uniform	○	○	⊗
	22.4' to 24.1', Gray Till, Clayey Silt, VF Med Sand and Weathered Shale.	○	○	⊗
		○	⊗	○
		○	○	○
		○	○	○
	B.O.H @ 24.5'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC9-SB39

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: SB39
1 COMPANY NAME: EEEPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF SHEETS 3
3 PROJECT: Additional AOC 9 PDI	4. LOCATION: Former GAFB, Rome NY	
5 NAME OF DRILLER: Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6610	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macro Core	8 HOLE LOCATION: AOC 9	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 9-26-07	11 DATE COMPLETED: 9-26-07
12. OVERBURDEN THICKNESS: > 25'	15. DEPTH GROUNDWATER ENCOUNTERED: 6.45	
13. DEPTH DRILLED INTO ROCK: NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE: 25'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES: NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY = %
	✓					
22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR: Robert A Myers		
	✓					

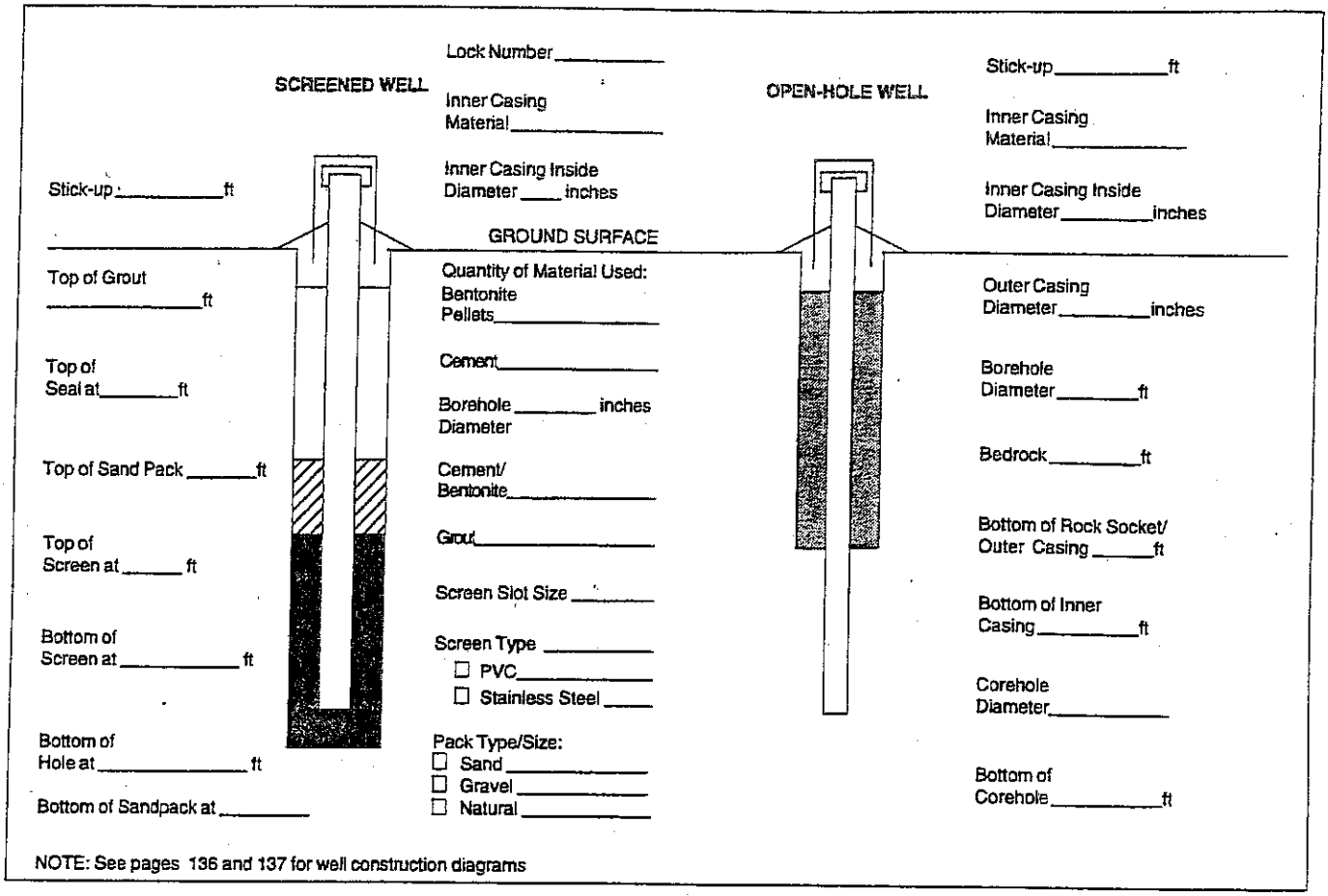
LOCATION SKETCH/COMMENTS — SCALE:

See AOC9-SB34 Log

PROJECT: Additional AOC 9 PDI — HOLE NO: AOC9-SB39

ENG FORM 5056-R, AUG 94 (Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB39

PROJECT Additional AOC 9 PDI

INSPECTOR Robert a Mayer

SHEET 3 OF 3 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				Start 0800
	1		0/5.1	NA		NA	
			0/17.4				
	2						
			0/4.5				
	3						
	4						
	5						
			NA/10.2				water @ 6.45' BGS
	6						
			NA/8.4				
	7						
			NA/9.6				
	8						
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	0' to 5', 3.5' Rec. Fill Material, Dry w/moist 1.4-2.2'	⊗ ○ ○
	0' to 0.45' Asphalt	⊗ ○ ○
	0.45' to 1.3' Road base (crushed Limestone)	⊗ ○ ○
	1.3' to 3.5' Mix of Gravel w/Sand & Silt	○ ⊗ ○
		○ ⊗ ○
		⊗ ○ ○
		⊗ ○ ○
		⊗ ○ ○
		⊗ ○ ○
		⊗ ○ ○
		⊗ ○ ○
		○ ○ ○
		○ ○ ○
		○ ○ ○
		○ ○ ○
	5'-10', 2.5' Rec., Water @ 6.45' BGS	⊗ ○ ○
	5' to 7.5', fine to Coarse Gravel, rounded to angular, with little Silt & Sand.	○ ⊗ ○
		○ ○ ⊗
		○ ○ ⊗
		○ ○ ⊗
		○ ○ ⊗
		○ ○ ○
		○ ○ ○
		○ ○ ○
		○ ○ ○
		○ ○ ○
		○ ○ ○

HTW DRILLING LOG

HOLE NO. SB39

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Meyer | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10						
			NA/37				
	11		NA/21				
			NA/214				
	12		NA/333				
			NA/~~448~~	@0820 Collect AOC9-SB39-01 (12'-13')			MS/MSD
	13		NA/168				
			NA/~~443~~ 63 RAM				
	14		NA/2				
	15						
			NA/3.1	@0840 Collect AOC9-SB39-02 (15.3-15.7')			
	16						
			NA/2.3				
	17						
			NA/1.6				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊘
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	10' to 15', 4.1' Rec. Wet	○	○	○
	10' to 10.7', Gravel as above	○	○	○
	10.7' to 14.1', VF to Fine Sand, gray/brown from	○	○	○
	10.7 to 13.2, brown From 13.2' to 14.1',	○	○	○
	Sheen & Slight Odor From 12' to 13.8'	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	⊘
	15'-20', 3.4' Rec. Brown Sand as above	○	○	⊘
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB39

PROJECT Additional AOC9 PDI

INSPECTOR Robert A. Flay

SHEET 8 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	19						
	20		NA/2.2				
	21		NA/1.3				
	22		NA/0.8				
	23		NA/0.5				
	24						
	25						

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	⊗
		○	○	◐
		○	○	◐
		○	○	◐
		○	○	◐
		○	○	◐
		○	○	◐
		○	○	◐
	20' to 25', 4.1' Rec.	○	○	◐
	20' to 22.2', Brown Sand as above	○	○	◐
	22.2 to 22.8', Gray Sand	○	○	◐
	22.8' to 24.1', Gray Till & Weathered Shale	○	⊗	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	B.O.H @ 25' BGS	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC9-SB40

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

1 COMPANY NAME: EE&PC	DISTRICT: Kansas City	HOLE NUMBER: AOC9-SB40
2. DRILL SUBCONTRACTOR: Zebra		SHEET 1 OF 6 SHEETS
3 PROJECT: Additional AOC9 PDI	4. LOCATION: Former GAFB, Rome NY	
5 NAME OF DRILLER: Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6610	
7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macro Core	8 HOLE LOCATION: AOC 9	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 9-26-07	11 DATE COMPLETED: 9-26-07
12. OVERBURDEN THICKNESS: >20'	15. DEPTH GROUNDWATER ENCOUNTERED: 11.4'	
13. DEPTH DRILLED INTO ROCK: NA	16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —	
14. TOTAL DEPTH OF HOLE: 20'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —	

18. GEOTECHNICAL SAMPLES	DISTURBED: —	UNDISTURBED: —	19 TOTAL NUMBER OF CORE BOXES: NA			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC: ✓	METALS: —	OTHER (SPECIFY): —	OTHER (SPECIFY): —	OTHER (SPECIFY): —	21 TOTAL CORE RECOVERY: — %
22. DISPOSITION OF HOLE	BACKFILLED: ✓	MONITORING WELL: —	OTHER (SPECIFY): —	23. SIGNATURE OF INSPECTOR: Robert A Mayer		

LOCATION SKETCH/COMMENTS

SCALE:

See AOC9-SB34 Log

*Note: SB40 is immediately adjacent to SB12 (See SB12 for Geo-details). SB40 is being drilled to collect "Hot Spot" Sample for Full TCLP Analysis (i.e. Only 1-Sample (Composite) Collected.

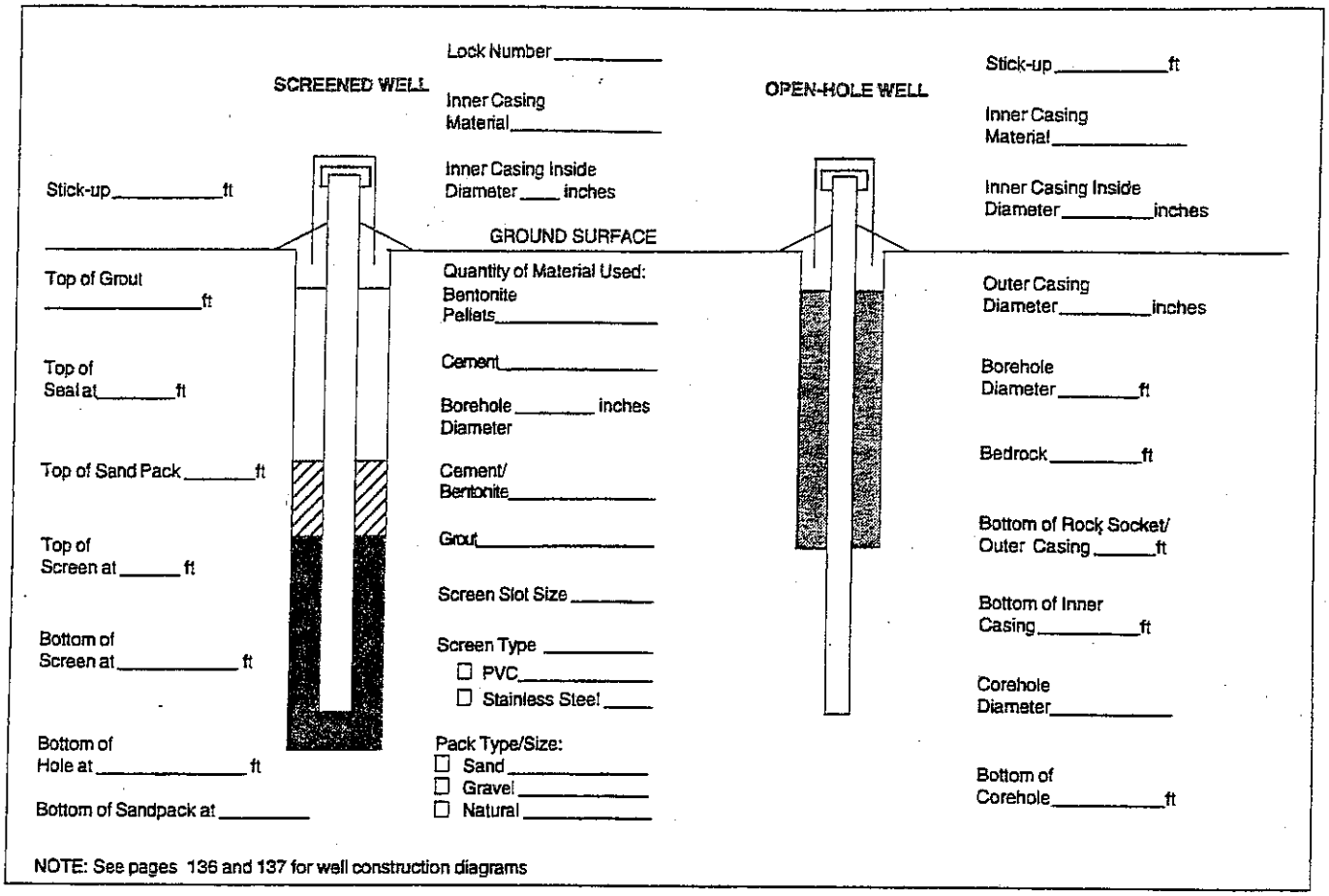
PROJECT: Additional AOC9 PDI

HOLE NO: AOC9-SB40

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. AOC9-SB40

PROJECT Additional AOC9 PDT | INSPECTOR Robert a Myers | SHEET 6 OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID	NA		NA	Start 0900
	1		NA/9				
	2		NA/1.6				
	3		NA/1.9				
	4						
	5						
	6		NA/6				
	7		NA/2.9				
	8		NA/2.3				
	9		NA/171				

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0-5', 3.7' Rec, Fill Material, dry to moist	⊗	○	○
		⊗	○	○
		⊗	○	○
		○	⊗	○
		○	⊗	○
		○	⊗	○
		⊗	○	○
		⊗	○	○
		⊗	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 4' Rec	⊗	○	○
	5' to 5.9' Fill as above	⊗	○	○
	5.9' to 9.0', VF-Fine Uniform brown Sand Moist to wet.	○	⊗	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB40

PROJECT Additional AOC9 PDI | INSPECTOR Rubia Mayo | SHEET 6 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	10						Water @ 11.4'
			NA/360		@0925		
	11		NA/754		Collect Composite		
			NA/512		Sample AOC9-SB40-1(10.5-12.5)		
	12		NA/440		for TCLP from 10.5' to 12.5'		
			NA/15				
	13		+				
	14		+				
	15						
	16		NA/1.1				
	17		NA/.5				
	18		NA/.2				

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	10'-15', 2.5' Recovery Water @ 11.4'	
	10' to 12.5', Sand, Stained black From 10.4 to 12.1' BGS.	
	15' to 20', 3.25' Rec	
	Uniform brown VF to Fine Sand	
	B.O.H @ 20' BGS	

HTW DRILLING LOG

HOLE NO. SB40

PROJECT Additional AOC9 PDI

INSPECTOR Robert A Mayo

SHEET 8 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	

19
20
21
22
23
24
25

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content		
		Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○

Borehole Record for AOC 9-SB41

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City		HOLE NUMBER: SB41
1. COMPANY NAME: EEEPC	2. DRILL SUBCONTRACTOR: Zebra	SHEET 1 OF 3
3. PROJECT: Additional AOC9 PDI	4. LOCATION: Former GAFB, Rome, NY	
5. NAME OF DRILLER: Phil Orsi	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6610	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe Macro Core	8. HOLE LOCATION: AOC9	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 9-26-07	11. DATE COMPLETED: 9-26-07
12. OVERBURDEN THICKNESS: > 25'	15. DEPTH GROUNDWATER ENCOUNTERED: 11.1' BGS	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —	
14. TOTAL DEPTH OF HOLE: 25'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES: NA
	—	—	

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY — %
	✓					

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓			Robert A Myer

LOCATION SKETCH/COMMENTS

SCALE:

See AOC9-SB34 Log

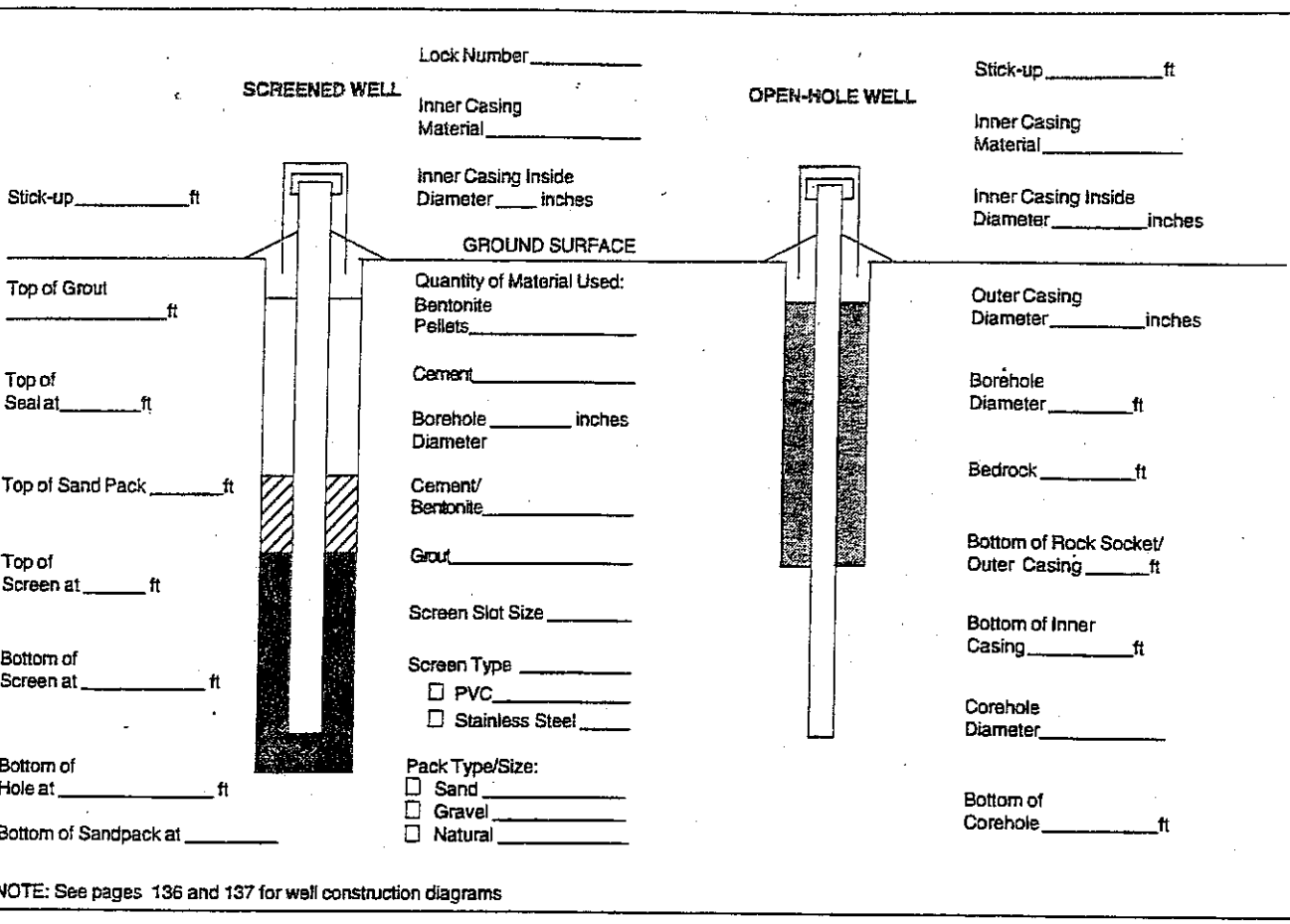
PROJECT: Additional AOC9 PDI

HOLE NO: AOC9-SB41

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB41

PROJECT Additional AOC9 PDI

INSPECTOR Robert A Mayer

SHEET OF 3 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	start 0959
			PID Only				
	1		0				
	2		0				
	3		0				
	4		0				
	5						
	6		0				
	7		0				
	8		0				
	9		0				

MRK FORM JUN 89 55-2

PROJECT Additional AOC9 PDI

HOLE NO. AOC9-SB41

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 4.05' Rec. Dry to Moist	⊗	⊗	○
	0' to 3.1', Fill Material, Silty Gravel w/some Sand and Clay	○	○	○
	3.1' to 4.05', Uniform VF-Fn Sand	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5' to 10', 4.3' Rec.	⊗	⊗	○
	5' to 9.3', Uniform Sand as above, dry	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. SB41

PROJECT Additional AOC9 PDI | INSPECTOR Robert Meyer | SHEET 8 OF 5 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			PID Only				
	10						
	11		0	@ 1010 Collect AOC9-SB41-1 (11'to 11.4')			Water @ 11.1' BGS
	12		0				
	13		0				
	14		0				
	15		0	@ 1022 Collect AOC9-SB41-2 (16'to 16.4')			
	16		0				
	17		0				
	18						

Depth(feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		⊗	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	10' to 15', 5' Rec. Water @ 11.1' BGS	○	○	○
	Uniform brown Sand as above	○	○	○
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15'-20', 3.9' Rec, Brown Sand as above, Wet	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. 5B41

PROJECT Additional AOC9 PDI | INSPECTOR Robert A Mayer | SHEET 3 OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	19		0				
	20						
	21		0				
	22		0				
	23		0				
	24		NA/0				
	25						

MRK FORM JUN 89 55-2

PROJECT Additional AOC9 PDI | HOLE NO. AOC9-5B41

Depth (feet)	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	20'-25', 3.9' Rec.	
	20' to 23.1' Sand as above	
	23.1' to 23.9' Till, brown from 23.1' to 23.6', Gray from 23.6' to 23.9' Silt + VF Sand w/Some Gravel & Tr. Clay	
	B.O.H @ 25' BGS	

Borehole Record for AOC9-SB42

- Drilling Log
- Narrative Lithologic Description
- Well Development Record
- Well Development -- Parameter Measurements
- Investigation - Derived Waste Inventory Sheet

HTRW DRILLING LOG

DISTRICT: Kansas City

HOLE NUMBER: AOC9-5B42

1 COMPANY NAME: EEEPC

2 DRILL SUBCONTRACTOR: Zebra

SHEET 1 OF SHEETS 8

3 PROJECT: Additional AOC9 PDI

4 LOCATION: Former GAFB Rome NY

5 NAME OF DRILLER: Phil Orsi

6 MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6610

7 SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GeoProbe MacroCore

8 HOLE LOCATION: AOC9

9 SURFACE ELEVATION:

10 DATE STARTED: 9-27-07

11 DATE COMPLETED: 9-27-07

12 OVERBURDEN THICKNESS: ≥25'

15 DEPTH GROUNDWATER ENCOUNTERED: 10.4' BGS

13 DEPTH DRILLED INTO ROCK: NA

16 DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: —

14 TOTAL DEPTH OF HOLE: 25'

17 OTHER WATER LEVEL MEASUREMENTS (SPECIFY): —

18 GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19 TOTAL NUMBER OF CORE BOXES
	—	—	NA

20 SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21 TOTAL CORE RECOVERY — %
	✓	—	—	—	—	

22 DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23 SIGNATURE OF INSPECTOR
	✓	—	—	Robert Myer

LOCATION SKETCH/COMMENTS

SCALE:

See SB26 Log

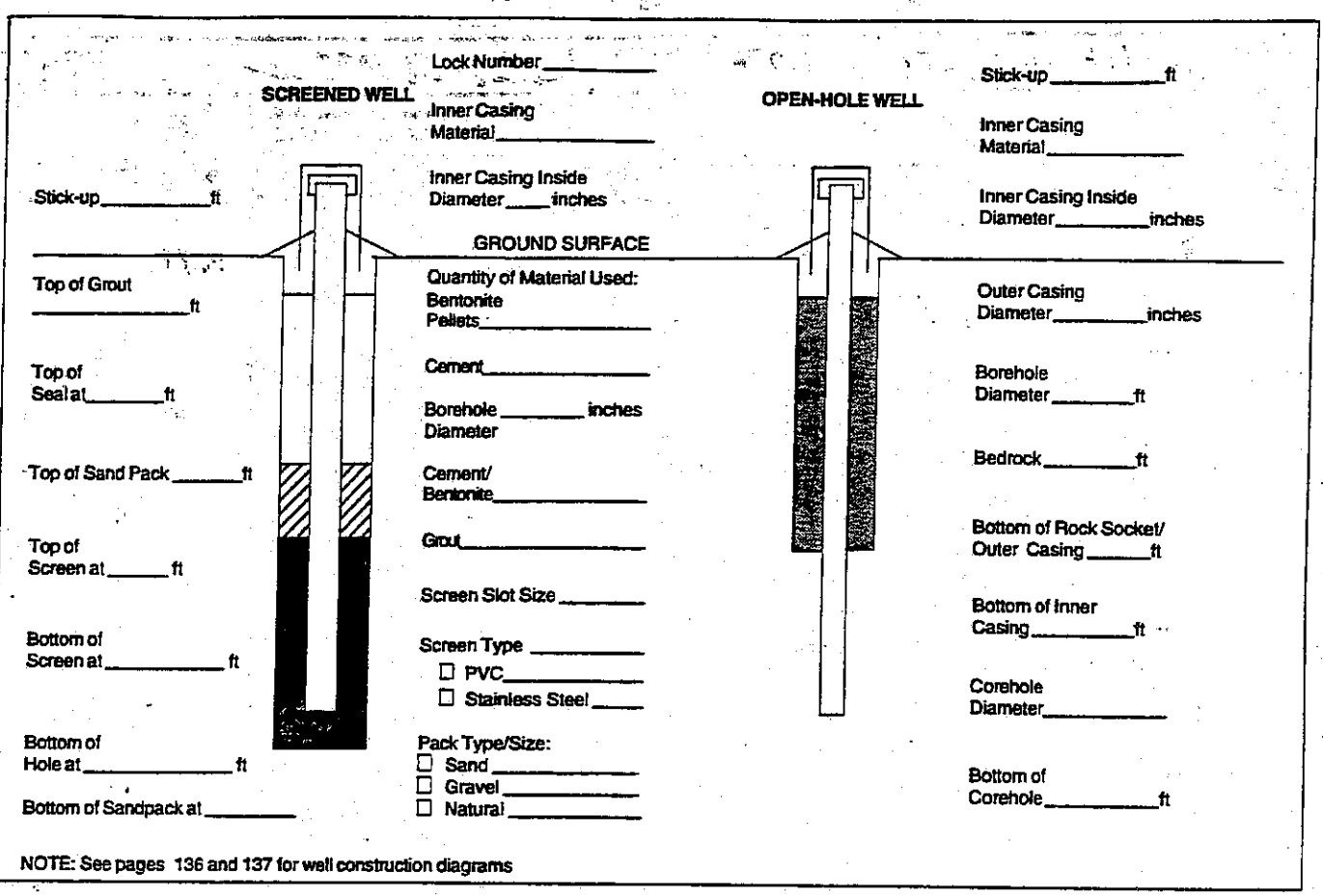
PROJECT: Additional AOC9 PDI

HOLE NO: AOC9-5B42

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

Figure 4-2. HTRW Drilling Log



NOTE: See pages 136 and 137 for well construction diagrams

Depth-ft.	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. AOC9-SB42

PROJECT Additional AOC 9 PDI | INSPECTOR Robert A Myers | SHEET OF 3 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0		FID/PID				start 1013
	1		0/1.0	NA		NA	
			0/1.4				
	2						
			0/1.4				
	3						
	4						
	5	No Recovery					
	6						
	7						
	8						
	9						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
	0'-5', 3.05' Rec.	⊘	⊘	○
	0' to 1.4', Sandy Fill Material	⊘	⊘	○
	VF-Med. Sand & Gravel, Dry to Moist	⊘	⊘	○
	1.4' to 3.05', VF-Fine brown Sand w/Some Silt	○	⊘	○
	Moist	○	⊘	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	5'-10', 0' Rec.	○	○	○
		○	○	○
		○	○	○
	No Recovery, Rock in shoe	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○

HTW DRILLING LOG

HOLE NO. AOC9-SB42

PROJECT Additional AOC9 PDI | INSPECTOR Robert Myers | SHEET OF 5 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			<ID/PID	NA		NA	
	10		229/1.6				Water @ 10.4'
	11		BH/13.4	@1030 Collect AOC9-SB42-1 (10.8-11.2')			
			99/6.1				
	12		92/4.4				
			7.7/1.6				
	13		@13' 10/1.4				
	14						
	15		2.8/2.4				
	16		18.1/1.1				
	17		24.4/1.2	@1040 Collect AOC9-SB42-2 (17.3-17.7')			
	18						

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry	Moist	Wet
		○	○	○
		○	○	○
		○	○	○
	10'-15', 3.3' Rec. Water @ 10.4'.	○	⊗	○
	10'-10.4', Brown Sand as above	○	○	⊗
	10.4'-13.3', Gray VF to Fine Sand	○	○	⊗
		○	○	⊗
		○	○	⊗
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
	15'-20', 3.3' Rec, brown VF-Med Sand w/trace	○	○	●
	Coarse Sand and Fn-Med Gravel	○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	○
		○	○	●

HTW DRILLING LOG

PROJECT: Additional AOC9 PDI | INSPECTOR: Robert A Meyer | HOLE NO. SB42 | SHEET OF 7 SHEETS 8

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
			FID/PID	NA		NA	
	19						
	20		0/.3				
	21		0/0				
	22		0/0				
	23						
	24						
	25		B.O.H @25'				

Depth(feet).	NARRATIVE LITHOLOGIC DESCRIPTION	Moisture Content: Dry / Moist / Wet
	20'-25', 2.95' Rec.	
	20'-20.3' Sand as above wet	
	20.3' to 22.95' Gray Till, Moist	
	B.O.H @ 25' BGS	

D Test Pit Logs

ecology and environment, inc.
International Specialists in the Environment

TRENCH LOG FOR TP-1

Project Name/Job Number
Former GAFB AOC9

Site Location
Rome, NY

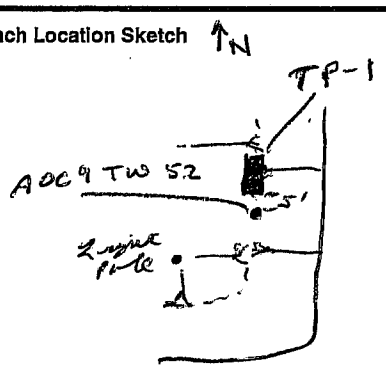
Date Started/Finished
10/16/07 8:15 - 9:15

Contractor/Equipment
Parratt Wolff Inc. Rober 110-7

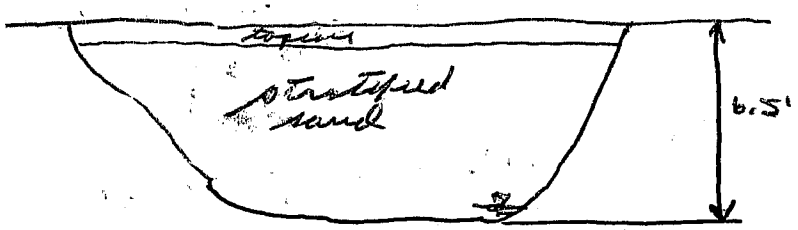
Final Length/Depth
12' / 6.5'

Photos Taken
Nikon 2000

Trench Location Sketch



Trench Cross-Section



Depth (Feet)	Sample Number/ Location ID	PID * (ppm)	Description/Comments
	[redacted]		Topsoil 0 - 0.8'
1			Brown fine to coarse sand moist, stratified
2			
3			6" cobble
4			
5		0.0	
6		0.0	
	AOC9-TP1-6.5'	0.0	Becomes wet
7			bottom of trench at 6.5'
8			
9			
10			

* Mini Rae 2000 screening of spoil pile

Logger's Name [signature]

02:FORMS\Graphics\F1370201.CDR-04/12/06-GRA

ecology and environment, inc.
International Specialists in the Environment

TRENCH LOG FOR TP-2 1062

Project Name/Job Number
Former GAFB AOC 9

Site Location
Rome, NY

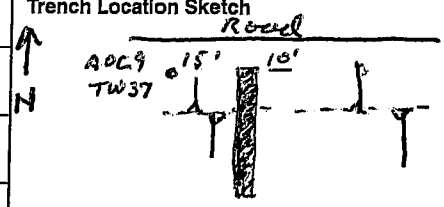
Date Started/Finished
10/16/07 9:15 - 11:30

Contractor/Equipment
Parratt Wolff, Inc. / Robex 110-7

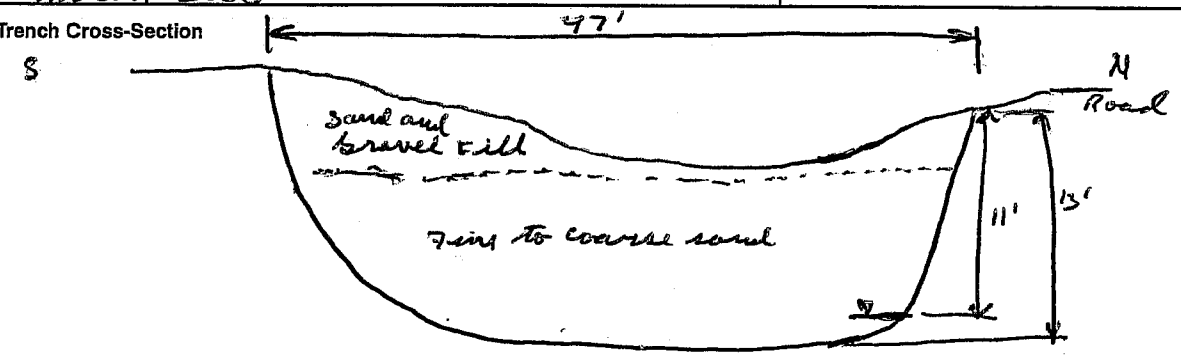
Final Length/Depth
47' / 13'

Photos Taken
Nikon 2000

Trench Location Sketch



Trench Cross-Section



Depth (Feet)	Sample Number/ Location ID	PID* (ppm)	Description/Comments
			Topsoil 0-1.0'
1			Dark brown fine to coarse sand, some gravel and cobbles, moist
2			[FILL]
3			Brown fine to coarse sand, moist
4			... becomes stratified
5		0.0	
6			
7			
8			
9			
10		0.0	
		0.0	encountered [redacted] water @ 11'

*miniRAE 2000 screening of spoil pile

Logger's Name [redacted]

02:FORMS\Graphics\F1970201.CDR-04/12/06-GRA

ecology and environment, inc.
International Specialists in the Environment

TRENCH LOG FOR TP-2 2 of 2

Project Name/Job Number Tonawanda GAFB AOC 9	**Trench Location Sketch** see pg 1 of 2
Site Location Rome, NY	
Date Started/Finished 10/16/07	
Contractor/Equipment Ramatt Wolff, Inc Rodey 110-7	
Final Length/Depth 47' / 13'	
Photos Taken Nikon 2000	

Trench Cross-Section see pg. 1 of 2

Depth (Feet)	Sample Number/ Location ID	PID (ppm)	Description/Comments
11			
12			side wall cave while excavating
13			Bottom of hole at 13'
3			
4			PID Readings on trap pit were ND
5			
6			
7			
8			
9			
10			

Logger's Name [signature]

02:FORMS\Graphics\F1370201.CDR-04/12/06-GRA

ecology and environment, inc.
International Specialists in the Environment

TRENCH LOG FOR TP-3

Project Name/Job Number
Tomen GAFB AOC9

Site Location
Rome NY

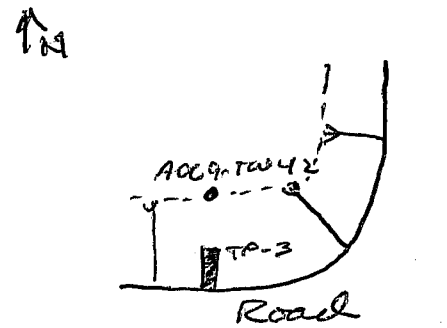
Date Started/Finished
10/16/07 1:00 - 4:30

Contractor/Equipment
Parratt wolff, Inc Robex 110-7

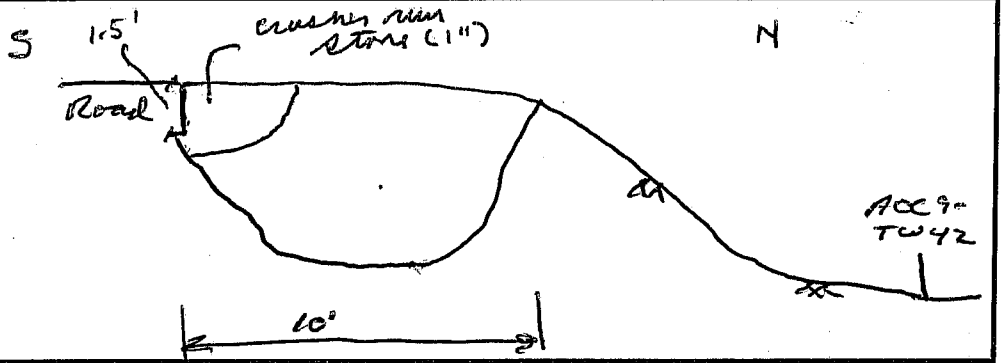
Final Length/Depth
10' / 6.5

Photos Taken
Mikon 2000

Trench Location Sketch



Trench Cross-Section



Depth (Feet)	Sample Number/ Location ID	PID* (ppm)	Description/Comments
1			Dark Brown / black sand, gravel and cobble, moist fill
2		0.0	
3		0.0	wet at 2' - (appears to be perched water in road base)
4		0.0	moist
5		20.1	
6		7.0	10" piece of cemented gravel Bottom of hole at 6.5' Refusal @ 6.5'
7			
8			
9			
10			

* MiniRae 2000 screening of soil

Logger's Name Tom Adams

02:FORMS\Graphics\F1370201.CDR-04/12/06-GRA

E Survey Coordinates

SURVEY COORDINATES FOR PHASE 2
ADDITIONAL AOC 9 PREDESIGN INVESTIGATION
AT FORMER GRIFFISS AIR FORCE BASE
DATED OCTOBER 9, 2007

PT #	NORTHING	EASTING	GROUND EL.	TOP OF PVC	DECS.
20125	1181741.12	1134289.90	521.52	524.21	AOC 9 PZ-1
20126	1181837.45	1134181.43	521.16	523.82	AOC 9 TW-99
20127	1181893.52	1134123.27	521.03	524.01	AOC 9 TW-98
20128	1181960.44	1134153.95	521.02		AOC 9 SB 27
20129	1181946.45	1134139.21	516.08		AOC 9 SB 42
20130	1181990.42	1134157.09	524.73		AOC 9 SB 26
20131	1181968.74	1134188.62	525.12		AOC 9 SB 28
20132	1181949.54	1134210.46	525.79		AOC 9 SB 29
20133	1181965.63	1134270.43	526.07		AOC 9 SB 32
20134	1181985.43	1134243.10	526.55		AOC 9 SB 31
20135	1182020.34	1134235.33	526.61		AOC 9 SB 30
20136	1182101.08	1134315.03	522.53		AOC 9 SB 41
20137	1182123.67	1134370.55	524.67		AOC 9 SB 33
20138	1182118.48	1134397.86	526.26		AOC 9 SB 35
20139	1182100.98	1134382.55	523.74		AOC 9 SB 34
20140	1182073.24	1134408.79	523.56		AOC 9 SB 36
20141	1182015.15	1134392.54	522.94		AOC 9 SB 40
20142	1182008.79	1134429.07	523.55		AOC 9 SB 39
20143	1182006.62	1134426.34	523.65	523.51	AOC 9 TW-100
20144	1182063.43	1134439.82	523.64		AOC 9 SB 37
20145	1182049.74	1134462.34	523.87		AOC 9 SB 38
20146	1182078.06	1134461.68	523.91	525.21	AOC 9 TW-101
20147	1182049.95	1134485.91	524.02	525.8	AOC 9 TW-102
20148	1182024.85	1134464.40	523.77	524.97	AOC 9 TW-103

HORIZONTAL DATUM - STATE PLANE COORDINATES, NY CENTRAL ZONE, NAD83 (FEET)
VERTICAL DATUM - NGVD 1988 (FEET)

SURVEY COORDINATES FOR PHASE 1
ADDITIONAL AOC 9 PREDESIGN INVESTIGATION
AT FORMER GRIFFISS AIR FORCE BASE
DATED JULY 1, 2007

				GROUND	CASING	
PT#	NAME	NORTHING	EASTING	ELEV	ELEV	REMARKS
1335	SB01	1182033.74	1134389.71	522.87	NA	B-917
1301	SB02	1181936.65	1134079.84	520.33	NA	B-917
1347	SB03	1182025.27	1134367.60	517.54	NA	B-917
1346	SB04	1182040.37	1134355.55	517.73	NA	B-917
1308	SB05	1182006.39	1134370.18	517.54	NA	B-917
1307	SB06	1181993.19	1134357.73	517.21	NA	B-917
1339	SB07	1182040.48	1134409.31	523.42	NA	B-917
1345	SB08	1182055.11	1134342.67	518.90	NA	B-917
1338	SB09	1182046.55	1134430.95	523.64	NA	B-917
1319	SB10	1182007.79	1134308.99	525.66	NA	B-917
1340	SB11	1182051.10	1134379.80	523.08	NA	B-917
1334	SB12	1182014.51	1134392.65	522.90	NA	B-917
1315	SB13	1182000.44	1134205.74	525.96	NA	B-917
1317	SB14	1182014.53	1134270.51	526.31	NA	B-917
1303	SB15	1181982.14	1134176.93	524.87	NA	B-917
1318	SB16	1182039.31	1134302.44	525.72	NA	B-917
1337	SB17	1182034.18	1134432.99	523.52	NA	B-917
1310	SB18	1181975.21	1134347.02	517.68	521.59	B-917
1344	SB19	1182068.85	1134327.32	519.19	NA	B-917
1343	SB20	1182086.61	1134330.88	522.32	NA	B-917
1342	SB21	1182068.71	1134359.01	522.98	NA	B-917
1331	SB22	1181987.10	1134376.04	522.51	NA	B-917
1327	SB23	1181965.55	1134358.52	522.61	NA	B-917
1328	SB24	1181970.69	1134389.65	523.25	NA	B-917
1341	SB25	1182082.35	1134371.95	523.50	NA	B-917
1348	TW42	1182089.66	1134423.43	518.33	519.64	B-917
1311	TW44	1181959.04	1134200.86	525.54	528.24	B-917
1313	TW45	1181955.43	1134229.84	526.10	529.22	B-917
1312	TW46	1181933.15	1134228.87	525.97	528.57	B-917
1314	TW47	1181938.47	1134262.11	525.81	527.52	B-917
1324	TW48	1181876.73	1134285.38	522.15	523.78	B-917
1316	TW49	1181995.27	1134258.41	526.64	529.25	B-917
1322	TW51	1181923.86	1134323.02	522.42	523.90	B-917
1305	TW52	1181909.85	1134282.18	516.67	520.48	B-917
1351	TW54	1182148.82	1134429.73	519.06	520.50	B-917
1333	TW54B	1182008.12	1134391.08	522.93	524.70	B-917
1336	TW56	1182030.65	1134429.83	523.42	522.72	B-917
1357	TW57	1182169.64	1134336.00	524.49	526.03	B-917
1356	TW58	1182048.85	1134486.93	523.62	525.78	B-917
1355	TW59	1182026.18	1134466.01	523.63	525.15	B-917
1354	TW60	1182006.26	1134487.79	525.41	527.17	B-917
1349	TW61	1182079.29	1134462.54	523.63	527.45	B-917
1350	TW62	1182123.00	1134476.29	524.75	527.87	B-917
1368	TW65	1182200.73	1134521.13	526.59	530.08	B-917
1369	TW66	1182193.84	1134564.34	528.19	529.77	B-917
1367	TW67	1182269.49	1134585.53	526.89	529.29	B-917
1320	TW68	1182014.59	1134345.94	523.35	526.10	B-917

HORIZONTAL DATUM - SATE PLANE COORDINATES, NY CENTRAL ZONE, NAD83 (FEET)
VERTICAL DATUM - NGVD 1988 (FEET)

SURVEY COORDINATES FOR PHASE 1
ADDITIONAL AOC 9 PREDESIGN INVESTIGATION
AT FORMER GRIFFISS AIR FORCE BASE
DATED JULY 1, 2007

1309	TW69	1181996.44	1134361.64	517.50	521.41	B-917
1332	TW70	1181985.47	1134374.42	522.64	526.37	B-917
1306	TW71	1181978.81	1134344.94	517.35	520.94	B-917
1353	TW72	1182000.00	1134452.51	521.31	523.13	B-917
1330	TW73	1181982.02	1134426.26	522.88	524.32	B-917
1380	TW74	1182029.54	1134560.30	520.01	522.41	B-917
1379	TW75	1182010.98	1134580.91	520.02	524.11	B-917
1378	TW76	1182006.03	1134618.33	525.44	527.10	B-917
1377	TW77	1181981.59	1134636.49	525.15	526.98	B-917
1376	TW79	1181941.27	1134679.87	525.22	527.07	B-917
1382	TW80	1182024.48	1134766.32	525.83	528.13	B-917
1372	TW81	1182112.91	1134641.29	527.92	529.57	B-917
1381	TW82	1182061.04	1134680.24	528.07	529.52	B-917
1329	TW83	1181959.98	1134405.27	522.78	524.44	B-917
1326	TW84	1181938.65	1134386.14	522.54	524.34	B-917
1321	TW85	1181916.78	1134364.46	522.43	524.04	B-917
1323	TW86	1181895.85	1134344.41	522.18	523.90	B-917
1371	TW87	1182139.19	1134614.59	528.31	529.86	B-917
1366	TW88	1182265.69	1134450.93	523.49	526.64	B-917
1370	TW89	1182163.43	1134589.82	528.09	527.85	B-917
1352	TW90	1182173.53	1134405.69	519.05	520.93	B-917
1374	TW91	1182130.64	1134446.14	519.13	519.63	B-917
1362	TW92	1181859.30	1134058.90	521.47	523.07	B-917
1360	TW93	1181803.60	1134004.24	520.49	522.06	B-917
1361	TW94	1181820.63	1134042.22	520.47	521.97	B-917
1384	TW95	1182021.16	1134088.07	522.62	522.35	B-917
1302	TW96	1181977.61	1134118.65	517.62	519.98	B-917
1304	TW97	1181952.24	1134135.71	516.47	517.09	B-917
1364	MW17	1179785.39	1135658.66	509.44	511.39	B-817

REVISED 7/3/07 ADDED CASING ELEV FOR FLUSH MOUNTS

HORIZONTAL DATUM - SATE PLANE COORDINATES, NY CENTRAL ZONE, NAD83 (FEET)
VERTICAL DATUM - NGVD 1988 (FEET)

F

Analytical Data

Please see attached CD

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Friday, June 22, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results

Order No.: 0706054, 0706067, 0706077

Dear Robert Meyers:

Life Science Laboratories, Inc. received samples from 6/12/2007 through 6/14/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

Discrepancies noted upon receipt are listed on the sample receipt checklist in the chain of custody section. The temperatures of the coolers ranged from -1.8°C to -0.6°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	8260B	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706054, 0706067, 0706077
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): Angela Z 6/22/07

Supervisor/Reviewed by (Initials/Date): JW 6-22-07

QA/QC Review (Initials/Date): CR 6-22-07

File Name: G:\Narratives\MSVoa\0706054msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS-9963	Acetone	1
LCSD-9963	Several	1,2

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The primary LCS met acceptance limits except acetone. No corrective action was taken.

MS/MSD/MSB
The following compound(s) did not meet matrix spike/matrix spike duplicate percent recovery and/or RPD criteria:

Sample Description	Sample #	Compound	% REC	RPD	Corrective Action
AOC9-TW47-GW	0706054-005AMS/MSD	Several	X		1

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. The recovery for this compound in the associated LCS and/or duplicate LCS was within acceptance limits. No corrective action was taken.

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706054, 0706067, 0706077
Methodology: 8260B

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-9902	MS#3	Acetone	-20.6		1
CCV-9908	MS#3	Chloroethane	-20.8		1
CCV-9963	MS#3	Acetone	-23.5		1
		1,2-Dichloroethane	-23.4		1
CCV-9993	MS#3	Acetone	-20.6		1
		2,2-Dichloropropane	-20.9		1
		1,2-Dichloroethane	-24.7		1
		1,1,2,2-Tetrachloroethane	-21.3		1

1 The recovery marginally exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. This excursion is allowed by project variance. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Miscellaneous
JP-10 was reported in samples where significant concentrations were detected.

Life Science Laboratories, Inc.

Date: *22-Jun-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706054

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706054-001A	AOC9-TB01		6/11/2007	6/12/2007
0706054-002A	AOC9-TW41-GW		6/11/2007	6/12/2007
0706054-003A	AOC9-TW43-GW		6/11/2007	6/12/2007
0706054-004A	AOC9-TW44-GW		6/11/2007	6/12/2007
0706054-005A	AOC9-TW47-GW		6/12/2007	6/12/2007
0706054-006A	AOC9-LS-GW		6/12/2007	6/12/2007
0706054-007A	AOC9-TW68-GW		6/12/2007	6/12/2007

Life Science Laboratories, Inc.

Date: *22-Jun-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706067

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706067-001A	AOC9-TB02		6/12/2007	6/13/2007
0706067-002A	AOC9-TW69-GW		6/12/2007	6/13/2007
0706067-003A	AOC9-TW70-GW		6/12/2007	6/13/2007
0706067-004A	AOC9-TW71-GW		6/12/2007	6/13/2007
0706067-005A	AOC9-TW52-GW		6/12/2007	6/13/2007
0706067-006A	AOC9-TW45-GW		6/12/2007	6/13/2007
0706067-007A	AOC9-TW67-GW		6/13/2007	6/13/2007
0706067-008A	AOC9-TW67-GW/D		6/13/2007	6/13/2007
0706067-009A	AOC9-TW65-GW		6/13/2007	6/13/2007
0706067-010A	AOC9-TW62-GW		6/13/2007	6/13/2007

Life Science Laboratories, Inc.

Date: *22-Jun-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706077

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706077-001A	AOC9-TB03		6/13/2007	6/14/2007
0706077-002A	AOC9-TW61-GW		6/13/2007	6/14/2007
0706077-003A	AOC9-TW56-GW		6/14/2007	6/14/2007
0706077-004A	AOC9-TW80-GW		6/14/2007	6/14/2007
0706077-005A	AOC9-TW59-GW		6/14/2007	6/14/2007
0706077-006A	AOC9-TW79-GW		6/14/2007	6/14/2007
0706077-007A	AOC9-TW77-GW		6/14/2007	6/14/2007
0706077-008A	AOC9-TW77-GW/D		6/14/2007	6/14/2007

Life Science Laboratories, Inc.

22-Jun-07

Lab Order: 0706054
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706054-001A	AOC9-TB01	6/11/2007 1:48:00 PM	Water Q	Volatile Organic Compounds by GC/MS			6/13/2007
0706054-002A	AOC9-TW41-GW	6/11/2007 2:27:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/13/2007
				Volatile Organic Compounds by GC/MS			6/12/2007
0706054-003A	AOC9-TW43-GW	6/11/2007 3:58:00 PM		Volatile Organic Compounds by GC/MS			6/13/2007
				Volatile Organic Compounds by GC/MS			6/12/2007
0706054-004A	AOC9-TW44-GW	6/11/2007 6:00:00 PM		Volatile Organic Compounds by GC/MS			6/13/2007
				Volatile Organic Compounds by GC/MS			6/12/2007
0706054-005A	AOC9-TW47-GW	6/12/2007 10:08:00 AM		Volatile Organic Compounds by GC/MS			6/13/2007
				Volatile Organic Compounds by GC/MS			6/12/2007
0706054-006A	AOC9-LS-GW	6/12/2007 9:43:00 AM		Volatile Organic Compounds by GC/MS			6/12/2007
0706054-007A	AOC9-TW68-GW	6/12/2007 12:03:00 PM		Volatile Organic Compounds by GC/MS			6/13/2007
				Volatile Organic Compounds by GC/MS			6/12/2007

Life Science Laboratories, Inc.

22-Jun-07

Lab Order: 0706067
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706067-001A	AOC9-TB02	6/12/2007 1:10:00 PM	Water Q	Volatile Organic Compounds by GC/MS			6/14/2007
0706067-002A	AOC9-TW69-GW	6/12/2007 2:06:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/13/2007
0706067-003A	AOC9-TW70-GW	6/12/2007 4:22:00 PM		Volatile Organic Compounds by GC/MS			6/14/2007
				Volatile Organic Compounds by GC/MS			6/13/2007
0706067-004A	AOC9-TW71-GW	6/12/2007 3:06:00 PM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/13/2007
0706067-005A	AOC9-TW52-GW	6/12/2007 5:12:00 PM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/13/2007
0706067-006A	AOC9-TW45-GW	6/12/2007 6:02:00 PM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/14/2007
0706067-007A	AOC9-TW67-GW	6/13/2007 8:37:00 AM		Volatile Organic Compounds by GC/MS			6/13/2007
				Volatile Organic Compounds by GC/MS			6/13/2007
0706067-008A	AOC9-TW67-GW/D			Volatile Organic Compounds by GC/MS			6/14/2007
				Volatile Organic Compounds by GC/MS			6/14/2007
0706067-009A	AOC9-TW65-GW	6/13/2007 9:52:00 AM		Volatile Organic Compounds by GC/MS			6/13/2007
				Volatile Organic Compounds by GC/MS			6/14/2007
0706067-010A	AOC9-TW62-GW	6/13/2007 12:42:00 PM		Volatile Organic Compounds by GC/MS			6/13/2007

Lab Order: 0706077
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706077-001A	AOC9-TB03	6/13/2007 1:25:00 PM	Water Q	Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/14/2007
0706077-002A	AOC9-TW61-GW	6/13/2007 4:20:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/18/2007
0706077-003A	AOC9-TW56-GW	6/14/2007 9:37:00 AM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/18/2007
0706077-004A	AOC9-TW80-GW	6/14/2007 10:22:00 AM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/15/2007
0706077-005A	AOC9-TW59-GW	6/14/2007 11:07:00 AM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/15/2007
0706077-006A	AOC9-TW79-GW	6/14/2007 11:58:00 AM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/18/2007
0706077-007A	AOC9-TW77-GW	6/14/2007 12:37:00 PM		Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/18/2007
0706077-008A	AOC9-TW77-GW/D			Volatile Organic Compounds by GC/MS			6/18/2007
				Volatile Organic Compounds by GC/MS			6/15/2007
				Volatile Organic Compounds by GC/MS			6/15/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB AOC9

Sampled by: James Mays

Client Contact: Robert Meyers Phone #(716) 6848060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs Method SW8260	Comments: Estimated Concentration
AOC9-TB01	6/11/07	1348	W	GRAB	2		—
AOC9-TW41-GW		1427	GW		3		500 ppb
AOC9-TW43-GW		1558	GW		3		1000 ppb
AOC9-TW44-GW	6/11/07	1800	GW		3		500 ppb
AOC9-TW47-GW	6/12/07	1008	GW		9		MS/MSD
AOC9-LS-GW	6/12/07	0943	GW		3		< 100 ppb
AOC9-TW68-GW	6/12/07	1203	GW	GRAB	3		2000 ppb

RAM

Relinquished by: Robert A Meyers	Date: 6-12-07 Time: 1230	Received by: [illegible]	Date: 6/12/07 Time: 1:30
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by: [illegible]	Date: 6/12/07 Time: 1515	Received by Lab: [illegible]	Date: 6/12/07 Time: 1515
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine
Rush (Specify) 24 hrs.

Comments: Note Estimated Total VOC Concentrations

Temperature: 1.8°C on ice
Custody Seals INTACT

13

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E**

Date and Time Received: **6/12/2007 3:15:00 PM**

Work Order Number **0706054**

Received by: ads

Checklist completed by: _____ 6/12/07 (Initials / Date)

Reviewed by: Or 6-12-07 (Initials / Date)

Matrix:

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E&E Griffiss 0706054

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706054-001→007	A		JB/ABM	6/12/07 15:30	8260	NR

QAQC\forms\GeneralLaboratory\Sign out.xls

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone #(716) 6848060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs Method SW 8260	Comments: Concentration
AOC9-TB02	6/12/07	1310	W	Grab	2	2	
AOC9-TW69-GW	6/12/07	1406	GW	Grab	3	3	1000 ppb
AOC9-TW70-GW		1622			3	3	800 ppb
AOC9-TW71-GW		1506			3	3	500 ppb
AOC9-TW52-GW		1712			3	3	ND ppb
AOC9-TW45-GW	6/12/07	1802			3	3	400 ppb
AOC9-TW67-GW	6/13/07	0837			3	3	unknown
AOC9-TW67-GW/D		0837			3	3	unknown
AOC9-TW65-GW	6/13/07	0952	GW	Grab	3	3	unknown
AOC9-TW62-GW	6/13/07	1242	GW	Grab	3	3	500 ppb

Relinquished by:	Date: 6/13/07 Time: 1315	Received by:	Date: 6/13/07 Time: 1315
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/13/07 Time: 14:06	Received by Lab:	Date: 6/13/07 Time: 1406
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine
Rush (Specify) 24 hr.

Comments:

Temperature: −0.8 °C on ice
Custody Seal INTACT

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E** Date and Time Received: **6/13/2007 2:06:00 PM**

Work Order Number **0706067** Received by: ads

Checklist completed by: _____ 6/13/07 Reviewed by: MS 6/13/07
Initials Date Initials Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☑	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

One Trip Blank vial has 6 mm of headspace

Corrective Action::

Client/Project E:E 0706067

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706067-001→010	A		JK	6/13/07 15:00	8260	NR

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC 9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs Method SW8260	Comments	Estimated Concentration
AOC9-TB03	6/13/07	1325	W	Grab	2	2		—
AOC9-TW61-GW	6/13/07	1620	GW		3	3	FID=Zero	<100 ppb
AOC9-TW56-GW	6/14/07	0937	GW		3	3	FID=36.5	20,000 ppb
AOC9-TW80-GW	6/14/07	1022	GW		3	3	FID=380	>20,000 ppb
AOC9-TW59-GW	6/14/07	1107	GW		3	3	FID=Zero	15,000 ppb
AOC9-TW79-GW	6/14/07	1158	GW		3	3	FID=2.6	10,000 ppb
AOC9-TW77-GW	6/14/07	1237	GW		3	3	FID=8.3	5,000 ppb
AOC9-TW77-GW/D	6/14/07	1237	GW	Grab	3	3	" "	"

Relinquished by: Robert A Meyers	Date: 6/14/07 Time: 1317	Received by: [illegible]	Date: 6/14/07 Time: 1317
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by: [illegible]	Date: 6/14/07 Time: 1438	Received by Lab: [illegible]	Date: 6/14/07 Time: 1438
Shipment Method:		Airbill Number:	

Turnaround Time Required:

Routine

Rush (Specify) 24 hr.

Temperature: 0.6 °C on ice

Comments:

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: E & E

Date and Time Received: **6/14/2007 2:38:00 PM**

Work Order Number **0706077**

Received by: ads

Checklist completed by: _____ 6/14/07 (Initials / Date)

Reviewed by: MS 6/14/07 (Initials / Date)

Matrix:

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E & E / Griffiss 0706077

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706077-001→008	A		JK	6/14/07 15:00	8260	NR

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R9902

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW44-GW	0706054-004A
AOC9-LS-GW	0706054-006A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/22/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R9908

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TB01	0706054-001A
AOC9-TW41-GW	0706054-002A
AOC9-TW43-GW	0706054-003A
AOC9-TW44-GW DL	0706054-004ADL
AOC9-TW47-GW	0706054-005A
AOC9-TW47-GW	0706054-005AMS
AOC9-TW47-GW	0706054-005AMSD
AOC9-TW68-GW	0706054-007A
AOC9-TW69-GW	0706067-002A
AOC9-TW70-GW	0706067-003A
AOC9-TW71-GW	0706067-004A
AOC9-TW52-GW	0706067-005A
AOC9-TW62-GW	0706067-010A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/21/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TB02	0706067-001A
AOC9-TW69-GW DL	0706067-002ADL
AOC9-TW45-GW	0706067-006A
AOC9-TW67-GW	0706067-007A
AOC9-TW67-GW/D	0706067-008A
AOC9-TW65-GW	0706067-009A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/22/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW70-GW DL	0706067-003ADL
AOC9-TW71-GW DL	0706067-004ADL
AOC9-TW45-GW DL	0706067-006ADL
AOC9-TB03	0706077-001A
AOC9-TW80-GW	0706077-004A
AOC9-TW59-GW	0706077-005A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/21/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R9993

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW61-GW	0706077-002A
AOC9-TW56-GW	0706077-003A
AOC9-TW79-GW	0706077-006A
AOC9-TW77-GW	0706077-007A
AOC9-TW77-GW/D	0706077-008A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/22/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB01	**Lab Sample ID:**	0706054-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3179.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB01	**Lab Sample ID:**	0706054-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3179.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.250	1		F
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB01	**Lab Sample ID:**	0706054-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3179.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	119	72 - 119	
4-Bromofluorobenzene	85	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	425588	349954 - 1399814	
Chlorobenzene-d5	798984	532652 - 2130606	
Fluorobenzene	2314635	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW41-GW	**Lab Sample ID:**	0706054-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3173.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW41-GW	**Lab Sample ID:**	0706054-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3173.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.130	1		F
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.180	1		F
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW41-GW	**Lab Sample ID:**	0706054-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3173.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	118	72 - 119	
4-Bromofluorobenzene	87	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	418362	349954 - 1399814	
Chlorobenzene-d5	783715	532652 - 2130606	
Fluorobenzene	2264836	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW43-GW	**Lab Sample ID:**	0706054-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3174.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	1.24	1		F
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW43-GW	**Lab Sample ID:**	0706054-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3174.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW43-GW	**Lab Sample ID:**	0706054-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3174.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	113	72 - 119	
4-Bromofluorobenzene	84	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	450398	349954 - 1399814	
Chlorobenzene-d5	790955	532652 - 2130606	
Fluorobenzene	2362770	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW44-GW	**Lab Sample ID:**	0706054-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3162.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	12-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.280	20.0	87.3	10		
1,1,1,2-Tetrachloroethane	0.540	5.00	0.540	10		U
1,1,1-Trichloroethane	0.150	10.0	0.150	10		U
1,1,2,2-Tetrachloroethane	0.810	5.00	0.810	10		U
1,1,2-Trichloroethane	0.280	10.0	0.280	10		U
1,1-Dichloroethane	0.330	10.0	0.330	10		U
1,1-Dichloroethene	0.460	10.0	0.460	10		U
1,1-Dichloropropene	0.240	10.0	0.240	10		U
1,2,3-Trichlorobenzene	0.360	10.0	0.360	10		U
1,2,3-Trichloropropane	0.460	10.0	0.460	10		U
1,2,4-Trichlorobenzene	0.250	10.0	0.250	10		U
1,2,4-Trimethylbenzene	0.120	10.0	506	10		J
1,2-Dibromo-3-chloropropane	2.61	20.0	2.61	10		U
1,2-Dibromoethane	0.350	10.0	0.350	10		U
1,2-Dichlorobenzene	0.190	10.0	31.5	10		
1,2-Dichloroethane	0.240	5.00	0.240	10		U
1,2-Dichloropropane	0.260	10.0	0.260	10		U
1,3,5-Trimethylbenzene	0.130	10.0	175	10		
1,3-Dichlorobenzene	0.200	10.0	4.50	10		F
1,3-Dichloropropane	0.230	5.00	0.230	10		U
1,4-Dichlorobenzene	0.170	5.00	114	10		
1-Chlorohexane	0.470	10.0	0.470	10		U
2,2-Dichloropropane	0.820	10.0	0.820	10		U
2-Butanone	6.49	100	6.49	10		U
2-Chlorotoluene	0.120	10.0	0.120	10		U
4-Chlorotoluene	0.170	10.0	0.170	10		U
4-Methyl-2-pentanone	3.75	100	3.75	10		U
Acetone	8.23	100	8.23	10		U
Benzene	0.100	5.00	1.50	10		F
Bromobenzene	0.280	10.0	0.280	10		U
Bromochloromethane	0.590	10.0	0.590	10		U
Bromodichloromethane	0.310	5.00	0.310	10		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW44-GW	**Lab Sample ID:**	0706054-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3162.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	12-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.470	10.0	0.470	10		U
Bromomethane	0.590	30.0	0.590	10		U
Carbon tetrachloride	0.320	10.0	0.320	10		U
Chlorobenzene	0.110	5.00	657	10		J
Chloroethane	1.16	10.0	1.16	10		U
Chloroform	0.290	5.00	0.290	10		U
Chloromethane	1.26	10.0	1.26	10		U
cis-1,2-Dichloroethene	0.320	10.0	6.20	10		F
cis-1,3-Dichloropropene	0.210	5.00	0.210	10		U
Dibromochloromethane	0.410	5.00	0.410	10		U
Dibromomethane	0.380	10.0	0.380	10		U
Dichlorodifluoromethane	0.670	10.0	0.670	10		U
Ethylbenzene	0.240	10.0	23.4	10		
Hexachlorobutadiene	0.610	6.00	0.610	10		U
Isopropylbenzene	0.210	10.0	39.6	10		
Methyl tert-butyl ether	0.250	50.0	0.250	10		U
Methylene chloride	0.340	10.0	1.60	10		F
n-Butylbenzene	0.130	10.0	16.5	10		
n-Propylbenzene	0.0900	10.0	40.4	10		
Naphthalene	0.240	10.0	72.8	10		
o-Xylene	0.140	10.0	15.8	10		
p-Isopropyltoluene	0.140	10.0	24.9	10		
sec-Butylbenzene	0.170	10.0	19.2	10		
Styrene	0.200	10.0	0.200	10		U
tert-Butylbenzene	0.160	10.0	9.80	10		F
Tetrachloroethene	0.300	10.0	0.300	10		U
Toluene	0.180	10.0	0.180	10		U
trans-1,2-Dichloroethene	0.270	10.0	0.270	10		U
trans-1,3-Dichloropropene	0.290	10.0	0.290	10		U
Trichloroethene	0.270	10.0	0.270	10		U
Trichlorofluoromethane	0.200	10.0	0.200	10		U
Vinyl chloride	0.380	10.0	0.380	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW44-GW	**Lab Sample ID:**	0706054-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3162.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	12-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.420	20.0	103	10		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	118	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	99	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	560362	349954 - 1399814	
Chlorobenzene-d5	898286	532652 - 2130606	
Fluorobenzene	2354942	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW44-GW DL	**Lab Sample ID:**	0706054-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3176.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.700	50.0	91.5	25		
1,1,1,2-Tetrachloroethane	1.35	12.5	1.35	25		U
1,1,1-Trichloroethane	0.375	25.0	0.375	25		U
1,1,2,2-Tetrachloroethane	2.02	12.5	2.02	25		U
1,1,2-Trichloroethane	0.700	25.0	0.700	25		U
1,1-Dichloroethane	0.825	25.0	0.825	25		U
1,1-Dichloroethene	1.15	25.0	1.15	25		U
1,1-Dichloropropene	0.600	25.0	0.600	25		U
1,2,3-Trichlorobenzene	0.900	25.0	0.900	25		U
1,2,3-Trichloropropane	1.15	25.0	1.15	25		U
1,2,4-Trichlorobenzene	0.625	25.0	0.625	25		U
1,2,4-Trimethylbenzene	0.300	25.0	451	25		
1,2-Dibromo-3-chloropropane	6.52	50.0	6.52	25		U
1,2-Dibromoethane	0.875	25.0	0.875	25		U
1,2-Dichlorobenzene	0.475	25.0	30.0	25		
1,2-Dichloroethane	0.600	12.5	0.600	25		U
1,2-Dichloropropane	0.650	25.0	0.650	25		U
1,3,5-Trimethylbenzene	0.325	25.0	144	25		
1,3-Dichlorobenzene	0.500	25.0	4.25	25		F
1,3-Dichloropropane	0.575	12.5	0.575	25		U
1,4-Dichlorobenzene	0.425	12.5	114	25		
1-Chlorohexane	1.18	25.0	1.18	25		U
2,2-Dichloropropane	2.05	25.0	2.05	25		U
2-Butanone	16.2	250	16.2	25		U
2-Chlorotoluene	0.300	25.0	0.300	25		U
4-Chlorotoluene	0.425	25.0	0.425	25		U
4-Methyl-2-pentanone	9.38	250	9.38	25		U
Acetone	20.6	250	20.6	25		U
Benzene	0.250	12.5	0.250	25		U
Bromobenzene	0.700	25.0	0.700	25		U
Bromochloromethane	1.48	25.0	1.48	25		U
Bromodichloromethane	0.775	12.5	0.775	25		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW44-GW DL	**Lab Sample ID:**	0706054-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3176.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	1.18	25.0	1.18	25		U
Bromomethane	1.48	75.0	1.48	25		U
Carbon tetrachloride	0.800	25.0	0.800	25		U
Chlorobenzene	0.275	12.5	657	25		
Chloroethane	2.90	25.0	2.90	25		U
Chloroform	0.725	12.5	0.725	25		U
Chloromethane	3.15	25.0	3.15	25		U
cis-1,2-Dichloroethene	0.800	25.0	6.00	25		F
cis-1,3-Dichloropropene	0.525	12.5	0.525	25		U
Dibromochloromethane	1.03	12.5	1.03	25		U
Dibromomethane	0.950	25.0	0.950	25		U
Dichlorodifluoromethane	1.68	25.0	1.68	25		U
Ethylbenzene	0.600	25.0	22.0	25		F
Hexachlorobutadiene	1.52	15.0	1.52	25		U
Isopropylbenzene	0.525	25.0	36.5	25		
Methyl tert-butyl ether	0.625	125	0.625	25		U
Methylene chloride	0.850	25.0	4.50	25		F
n-Butylbenzene	0.325	25.0	19.2	25		F
n-Propylbenzene	0.225	25.0	37.2	25		
Naphthalene	0.600	25.0	64.0	25		
o-Xylene	0.350	25.0	26.5	25		
p-Isopropyltoluene	0.350	25.0	27.5	25		
sec-Butylbenzene	0.425	25.0	19.8	25		F
Styrene	0.500	25.0	0.500	25		U
tert-Butylbenzene	0.400	25.0	14.5	25		F
Tetrachloroethene	0.750	25.0	0.750	25		U
Toluene	0.450	25.0	0.450	25		U
trans-1,2-Dichloroethene	0.675	25.0	0.675	25		U
trans-1,3-Dichloropropene	0.725	25.0	0.725	25		U
Trichloroethene	0.675	25.0	0.675	25		U
Trichlorofluoromethane	0.500	25.0	0.500	25		U
Vinyl chloride	0.950	25.0	0.950	25		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW44-GW DL	**Lab Sample ID:**	0706054-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3176.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	1.05	50.0	118	25		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	118	72 - 119	
4-Bromofluorobenzene	87	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	488039	349954 - 1399814	
Chlorobenzene-d5	836526	532652 - 2130606	
Fluorobenzene	2253700	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3175.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		UM
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.260	1		FM
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		UM
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		UM
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.260	1		FM
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		UM
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	1.37	1		F
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3175.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.290	1		FM
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.350	1		FM
n-Propylbenzene	0.00900	1.00	0.00900	1		UM
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.480	1		FM
sec-Butylbenzene	0.0170	1.00	0.210	1		FM
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	4.43	1		
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.250	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3175.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	72 - 119	
4-Bromofluorobenzene	86	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	99	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	426688	349954 - 1399814	
Chlorobenzene-d5	807811	532652 - 2130606	
Fluorobenzene	2416322	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3189.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	20.5	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	11.1	1		
1,1,1-Trichloroethane	0.0150	1.00	10.3	1		
1,1,2,2-Tetrachloroethane	0.0810	0.500	12.1	1		
1,1,2-Trichloroethane	0.0280	1.00	21.2	1		M
1,1-Dichloroethane	0.0330	1.00	11.3	1		
1,1-Dichloroethene	0.0460	1.00	11.2	1		
1,1-Dichloropropene	0.0240	1.00	10.8	1		
1,2,3-Trichlorobenzene	0.0360	1.00	9.92	1		
1,2,3-Trichloropropane	0.0460	1.00	11.4	1		
1,2,4-Trichlorobenzene	0.0250	1.00	10.1	1		
1,2,4-Trimethylbenzene	0.0120	1.00	11.5	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	11.1	1		
1,2-Dibromoethane	0.0350	1.00	10.2	1		
1,2-Dichlorobenzene	0.0190	1.00	12.5	1		M
1,2-Dichloroethane	0.0240	0.500	11.4	1		
1,2-Dichloropropane	0.0260	1.00	11.6	1		
1,3,5-Trimethylbenzene	0.0130	1.00	11.9	1		
1,3-Dichlorobenzene	0.0200	1.00	11.5	1		
1,3-Dichloropropane	0.0230	0.500	11.6	1		
1,4-Dichlorobenzene	0.0170	0.500	12.0	1		
1-Chlorohexane	0.0470	1.00	10.7	1		
2,2-Dichloropropane	0.0820	1.00	11.2	1		
2-Butanone	0.649	10.0	25.7	1		
2-Chlorotoluene	0.0120	1.00	11.3	1		
4-Chlorotoluene	0.0170	1.00	11.2	1		
4-Methyl-2-pentanone	0.375	10.0	21.1	1		
Acetone	0.823	10.0	19.5	1		
Benzene	0.0100	0.500	11.8	1		
Bromobenzene	0.0280	1.00	11.4	1		
Bromochloromethane	0.0590	1.00	11.2	1		
Bromodichloromethane	0.0310	0.500	10.5	1		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3189.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	10.1	1		
Bromomethane	0.0590	3.00	10.1	1		
Carbon tetrachloride	0.0320	1.00	9.80	1		
Chlorobenzene	0.0110	0.500	14.6	1		M
Chloroethane	0.116	1.00	10.8	1		Q
Chloroform	0.0290	0.500	11.2	1		
Chloromethane	0.126	1.00	10.2	1		
cis-1,2-Dichloroethene	0.0320	1.00	11.3	1		
cis-1,3-Dichloropropene	0.0210	0.500	10.4	1		
Dibromochloromethane	0.0410	0.500	10.4	1		
Dibromomethane	0.0380	1.00	11.4	1		
Dichlorodifluoromethane	0.0670	1.00	9.38	1		
Ethylbenzene	0.0240	1.00	11.7	1		
Hexachlorobutadiene	0.0610	0.600	10.4	1		
Isopropylbenzene	0.0210	1.00	11.6	1		
Methyl tert-butyl ether	0.0250	5.00	11.1	1		
Methylene chloride	0.0340	1.00	10.5	1		
n-Butylbenzene	0.0130	1.00	14.3	1		M
n-Propylbenzene	0.00900	1.00	12.2	1		
Naphthalene	0.0240	1.00	10.5	1		
o-Xylene	0.0140	1.00	10.6	1		
p-Isopropyltoluene	0.0140	1.00	13.1	1		
sec-Butylbenzene	0.0170	1.00	13.5	1		M
Styrene	0.0200	1.00	9.46	1		
tert-Butylbenzene	0.0160	1.00	11.3	1		
Tetrachloroethene	0.0300	1.00	15.2	1		
Toluene	0.0180	1.00	10.5	1		
trans-1,2-Dichloroethene	0.0270	1.00	11.0	1		
trans-1,3-Dichloropropene	0.0290	1.00	10.5	1		
Trichloroethene	0.0270	1.00	11.1	1		
Trichlorofluoromethane	0.0200	1.00	10.7	1		
Vinyl chloride	0.0380	1.00	11.0	1		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3189.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	31.1	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	72 - 119	
4-Bromofluorobenzene	101	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	883220	349954 - 1399814	
Chlorobenzene-d5	1375371	532652 - 2130606	
Fluorobenzene	3831533	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3182.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	18.4	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	10.0	1		
1,1,1-Trichloroethane	0.0150	1.00	10.0	1		
1,1,2,2-Tetrachloroethane	0.0810	0.500	12.4	1		
1,1,2-Trichloroethane	0.0280	1.00	29.4	1		M
1,1-Dichloroethane	0.0330	1.00	11.2	1		
1,1-Dichloroethene	0.0460	1.00	10.8	1		
1,1-Dichloropropene	0.0240	1.00	10.3	1		
1,2,3-Trichlorobenzene	0.0360	1.00	9.26	1		
1,2,3-Trichloropropane	0.0460	1.00	12.4	1		
1,2,4-Trichlorobenzene	0.0250	1.00	9.84	1		
1,2,4-Trimethylbenzene	0.0120	1.00	15.0	1		M
1,2-Dibromo-3-chloropropane	0.261	2.00	13.4	1		M
1,2-Dibromoethane	0.0350	1.00	10.1	1		
1,2-Dichlorobenzene	0.0190	1.00	13.0	1		M
1,2-Dichloroethane	0.0240	0.500	11.3	1		
1,2-Dichloropropane	0.0260	1.00	11.9	1		
1,3,5-Trimethylbenzene	0.0130	1.00	14.0	1		M
1,3-Dichlorobenzene	0.0200	1.00	11.1	1		
1,3-Dichloropropane	0.0230	0.500	10.9	1		
1,4-Dichlorobenzene	0.0170	0.500	12.2	1		
1-Chlorohexane	0.0470	1.00	10.2	1		
2,2-Dichloropropane	0.0820	1.00	11.3	1		
2-Butanone	0.649	10.0	32.6	1		M
2-Chlorotoluene	0.0120	1.00	11.8	1		
4-Chlorotoluene	0.0170	1.00	11.3	1		
4-Methyl-2-pentanone	0.375	10.0	24.6	1		
Acetone	0.823	10.0	22.1	1		
Benzene	0.0100	0.500	11.4	1		
Bromobenzene	0.0280	1.00	11.0	1		
Bromochloromethane	0.0590	1.00	10.4	1		
Bromodichloromethane	0.0310	0.500	10.9	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3182.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	9.10	1		
Bromomethane	0.0590	3.00	10.1	1		
Carbon tetrachloride	0.0320	1.00	9.54	1		
Chlorobenzene	0.0110	0.500	15.5	1		M
Chloroethane	0.116	1.00	10.7	1		Q
Chloroform	0.0290	0.500	10.7	1		
Chloromethane	0.126	1.00	10.0	1		
cis-1,2-Dichloroethene	0.0320	1.00	10.3	1		
cis-1,3-Dichloropropene	0.0210	0.500	10.7	1		
Dibromochloromethane	0.0410	0.500	9.60	1		
Dibromomethane	0.0380	1.00	11.3	1		
Dichlorodifluoromethane	0.0670	1.00	9.13	1		
Ethylbenzene	0.0240	1.00	10.7	1		
Hexachlorobutadiene	0.0610	0.600	10.2	1		
Isopropylbenzene	0.0210	1.00	11.9	1		
Methyl tert-butyl ether	0.0250	5.00	11.0	1		
Methylene chloride	0.0340	1.00	10.2	1		
n-Butylbenzene	0.0130	1.00	19.5	1		M
n-Propylbenzene	0.00900	1.00	14.0	1		M
Naphthalene	0.0240	1.00	10.3	1		
o-Xylene	0.0140	1.00	9.61	1		
p-Isopropyltoluene	0.0140	1.00	16.5	1		M
sec-Butylbenzene	0.0170	1.00	17.4	1		M
Styrene	0.0200	1.00	9.07	1		
tert-Butylbenzene	0.0160	1.00	11.8	1		
Tetrachloroethene	0.0300	1.00	13.5	1		
Toluene	0.0180	1.00	10.3	1		
trans-1,2-Dichloroethene	0.0270	1.00	10.3	1		
trans-1,3-Dichloropropene	0.0290	1.00	10.9	1		
Trichloroethene	0.0270	1.00	10.5	1		
Trichlorofluoromethane	0.0200	1.00	10.6	1		
Vinyl chloride	0.0380	1.00	10.6	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW47-GW	**Lab Sample ID:**	0706054-005AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3182.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	28.0	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	72 - 119	
4-Bromofluorobenzene	104	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	686422	349954 - 1399814	
Chlorobenzene-d5	1170528	532652 - 2130606	
Fluorobenzene	3022600	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-LS-GW	**Lab Sample ID:**	0706054-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3165.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	12-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-LS-GW	**Lab Sample ID:**	0706054-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3165.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	12-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-LS-GW	**Lab Sample ID:**	0706054-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3165.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	12-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	119	72 - 119	
4-Bromofluorobenzene	84	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	424741	349954 - 1399814	
Chlorobenzene-d5	798532	532652 - 2130606	
Fluorobenzene	2329711	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW68-GW	**Lab Sample ID:**	0706054-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3177.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.140	10.0	0.140	5		U
1,1,1,2-Tetrachloroethane	0.270	2.50	0.270	5		U
1,1,1-Trichloroethane	0.0750	5.00	0.0750	5		U
1,1,2,2-Tetrachloroethane	0.405	2.50	0.405	5		U
1,1,2-Trichloroethane	0.140	5.00	0.140	5		U
1,1-Dichloroethane	0.165	5.00	0.165	5		U
1,1-Dichloroethene	0.230	5.00	0.230	5		U
1,1-Dichloropropene	0.120	5.00	0.120	5		U
1,2,3-Trichlorobenzene	0.180	5.00	0.180	5		U
1,2,3-Trichloropropane	0.230	5.00	0.230	5		U
1,2,4-Trichlorobenzene	0.125	5.00	0.125	5		U
1,2,4-Trimethylbenzene	0.0600	5.00	1.80	5		F
1,2-Dibromo-3-chloropropane	1.31	10.0	1.31	5		U
1,2-Dibromoethane	0.175	5.00	0.175	5		U
1,2-Dichlorobenzene	0.0950	5.00	34.1	5		
1,2-Dichloroethane	0.120	2.50	0.120	5		U
1,2-Dichloropropane	0.130	5.00	0.130	5		U
1,3,5-Trimethylbenzene	0.0650	5.00	0.0650	5		U
1,3-Dichlorobenzene	0.100	5.00	0.100	5		U
1,3-Dichloropropane	0.115	2.50	0.115	5		U
1,4-Dichlorobenzene	0.0850	2.50	7.45	5		
1-Chlorohexane	0.235	5.00	0.235	5		U
2,2-Dichloropropane	0.410	5.00	0.410	5		U
2-Butanone	3.24	50.0	3.24	5		U
2-Chlorotoluene	0.0600	5.00	0.0600	5		U
4-Chlorotoluene	0.0850	5.00	0.0850	5		U
4-Methyl-2-pentanone	1.88	50.0	1.88	5		U
Acetone	4.12	50.0	4.12	5		U
Benzene	0.0500	2.50	1.55	5		F
Bromobenzene	0.140	5.00	0.140	5		U
Bromochloromethane	0.295	5.00	0.295	5		U
Bromodichloromethane	0.155	2.50	0.155	5		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW68-GW	**Lab Sample ID:**	0706054-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3177.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.235	5.00	0.235	5		U
Bromomethane	0.295	15.0	0.295	5		U
Carbon tetrachloride	0.160	5.00	0.160	5		U
Chlorobenzene	0.0550	2.50	96.5	5		
Chloroethane	0.580	5.00	0.580	5		U
Chloroform	0.145	2.50	0.145	5		U
Chloromethane	0.630	5.00	0.630	5		U
cis-1,2-Dichloroethene	0.160	5.00	1.60	5		F
cis-1,3-Dichloropropene	0.105	2.50	0.105	5		U
Dibromochloromethane	0.205	2.50	0.205	5		U
Dibromomethane	0.190	5.00	0.190	5		U
Dichlorodifluoromethane	0.335	5.00	0.335	5		U
Ethylbenzene	0.120	5.00	0.120	5		U
Hexachlorobutadiene	0.305	3.00	0.305	5		U
Isopropylbenzene	0.105	5.00	0.105	5		U
Methyl tert-butyl ether	0.125	25.0	0.125	5		U
Methylene chloride	0.170	5.00	0.650	5		F
n-Butylbenzene	0.0650	5.00	14.8	5		
n-Propylbenzene	0.0450	5.00	0.0450	5		U
Naphthalene	0.120	5.00	3.75	5		F
o-Xylene	0.0700	5.00	0.0700	5		U
p-Isopropyltoluene	0.0700	5.00	20.6	5		
sec-Butylbenzene	0.0850	5.00	10.6	5		
Styrene	0.100	5.00	0.100	5		U
tert-Butylbenzene	0.0800	5.00	2.55	5		F
Tetrachloroethene	0.150	5.00	0.150	5		U
Toluene	0.0900	5.00	2.80	5		F
trans-1,2-Dichloroethene	0.135	5.00	0.135	5		U
trans-1,3-Dichloropropene	0.145	5.00	0.145	5		U
Trichloroethene	0.135	5.00	0.135	5		U
Trichlorofluoromethane	0.100	5.00	0.100	5		U
Vinyl chloride	0.190	5.00	0.650	5		F

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW68-GW	**Lab Sample ID:**	0706054-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3177.D
Date Received:	12-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.210	10.0	0.210	5		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	114	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	102	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	499292	349954 - 1399814	
Chlorobenzene-d5	890122	532652 - 2130606	
Fluorobenzene	2379303	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB02	**Lab Sample ID:**	0706067-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3198.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB02	**Lab Sample ID:**	0706067-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3198.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.120	1		F
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.210	1		F
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB02	**Lab Sample ID:**	0706067-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3198.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	115	72 - 119	
4-Bromofluorobenzene	85	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	355767	349954 - 1399814	
Chlorobenzene-d5	670021	532652 - 2130606	
Fluorobenzene	1928848	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW69-GW	**Lab Sample ID:**	0706067-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3183.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	1.40	1		F
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.860	1		F
1,2,4-Trimethylbenzene	0.0120	1.00	0.600	1		F
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	74.4	1		J
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.280	1		F
1,3-Dichlorobenzene	0.0200	1.00	2.60	1		
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	25.3	1		
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.590	1		F
4-Chlorotoluene	0.0170	1.00	0.250	1		F
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	3.82	1		F
Benzene	0.0100	0.500	1.09	1		
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW69-GW	**Lab Sample ID:**	0706067-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3183.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	53.5	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	10.2	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.170	1		F
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	1.75	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.740	1		F
n-Propylbenzene	0.00900	1.00	0.420	1		F
Naphthalene	0.0240	1.00	2.15	1		
o-Xylene	0.0140	1.00	2.69	1		
p-Isopropyltoluene	0.0140	1.00	0.550	1		F
sec-Butylbenzene	0.0170	1.00	0.520	1		F
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.580	1		F
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	2.35	1		
trans-1,2-Dichloroethene	0.0270	1.00	1.23	1		
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.170	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.450	1		F

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW69-GW	**Lab Sample ID:**	0706067-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3183.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	4.09	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	99	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	644071	349954 - 1399814	
Chlorobenzene-d5	1149615	532652 - 2130606	
Fluorobenzene	3257431	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW69-GW DL	**Lab Sample ID:**	0706067-002ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3202.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0560	4.00	0.0560	2		U
1,1,1,2-Tetrachloroethane	0.108	1.00	0.108	2		U
1,1,1-Trichloroethane	0.0300	2.00	0.0300	2		U
1,1,2,2-Tetrachloroethane	0.162	1.00	0.162	2		U
1,1,2-Trichloroethane	0.0560	2.00	0.0560	2		U
1,1-Dichloroethane	0.0660	2.00	0.0660	2		U
1,1-Dichloroethene	0.0920	2.00	0.0920	2		U
1,1-Dichloropropene	0.0480	2.00	0.0480	2		U
1,2,3-Trichlorobenzene	0.0720	2.00	0.0720	2		U
1,2,3-Trichloropropane	0.0920	2.00	0.0920	2		U
1,2,4-Trichlorobenzene	0.0500	2.00	0.0500	2		U
1,2,4-Trimethylbenzene	0.0240	2.00	0.640	2		F
1,2-Dibromo-3-chloropropane	0.522	4.00	0.522	2		U
1,2-Dibromoethane	0.0700	2.00	0.0700	2		U
1,2-Dichlorobenzene	0.0380	2.00	72.3	2		
1,2-Dichloroethane	0.0480	1.00	0.0480	2		U
1,2-Dichloropropane	0.0520	2.00	0.0520	2		U
1,3,5-Trimethylbenzene	0.0260	2.00	0.380	2		F
1,3-Dichlorobenzene	0.0400	2.00	2.34	2		
1,3-Dichloropropane	0.0460	1.00	0.0460	2		U
1,4-Dichlorobenzene	0.0340	1.00	24.3	2		
1-Chlorohexane	0.0940	2.00	0.0940	2		U
2,2-Dichloropropane	0.164	2.00	0.164	2		U
2-Butanone	1.30	20.0	1.30	2		U
2-Chlorotoluene	0.0240	2.00	0.520	2		F
4-Chlorotoluene	0.0340	2.00	0.0340	2		U
4-Methyl-2-pentanone	0.750	20.0	0.750	2		U
Acetone	1.65	20.0	4.70	2		F
Benzene	0.0200	1.00	1.10	2		
Bromobenzene	0.0560	2.00	0.0560	2		U
Bromochloromethane	0.118	2.00	0.118	2		U
Bromodichloromethane	0.0620	1.00	0.0620	2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW69-GW DL	**Lab Sample ID:**	0706067-002ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3202.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0940	2.00	0.0940	2		U
Bromomethane	0.118	6.00	0.118	2		U
Carbon tetrachloride	0.0640	2.00	0.0640	2		U
Chlorobenzene	0.0220	1.00	51.0	2		
Chloroethane	0.232	2.00	0.232	2		U
Chloroform	0.0580	1.00	0.0580	2		U
Chloromethane	0.252	2.00	0.252	2		U
cis-1,2-Dichloroethene	0.0640	2.00	9.60	2		
cis-1,3-Dichloropropene	0.0420	1.00	0.0420	2		U
Dibromochloromethane	0.0820	1.00	0.0820	2		U
Dibromomethane	0.0760	2.00	0.0760	2		U
Dichlorodifluoromethane	0.134	2.00	0.134	2		U
Ethylbenzene	0.0480	2.00	0.0480	2		U
Hexachlorobutadiene	0.122	1.20	0.122	2		U
Isopropylbenzene	0.0420	2.00	1.54	2		F
Methyl tert-butyl ether	0.0500	10.0	0.0500	2		U
Methylene chloride	0.0680	2.00	0.300	2		F
n-Butylbenzene	0.0260	2.00	0.780	2		F
n-Propylbenzene	0.0180	2.00	0.280	2		F
Naphthalene	0.0480	2.00	1.88	2		F
o-Xylene	0.0280	2.00	2.92	2		
p-Isopropyltoluene	0.0280	2.00	0.880	2		F
sec-Butylbenzene	0.0340	2.00	0.460	2		F
Styrene	0.0400	2.00	0.0400	2		U
tert-Butylbenzene	0.0320	2.00	0.900	2		F
Tetrachloroethene	0.0600	2.00	0.0600	2		U
Toluene	0.0360	2.00	2.52	2		
trans-1,2-Dichloroethene	0.0540	2.00	1.26	2		F
trans-1,3-Dichloropropene	0.0580	2.00	0.0580	2		U
Trichloroethene	0.0540	2.00	0.200	2		F
Trichlorofluoromethane	0.0400	2.00	0.0400	2		U
Vinyl chloride	0.0760	2.00	0.420	2		F

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW69-GW DL	**Lab Sample ID:**	0706067-002ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3202.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0840	4.00	2.92	2		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	115	72 - 119	
4-Bromofluorobenzene	89	76 - 119	
Dibromofluoromethane	102	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	423610	349954 - 1399814	
Chlorobenzene-d5	833559	532652 - 2130606	
Fluorobenzene	2331402	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW70-GW	**Lab Sample ID:**	0706067-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3184.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):		ug/L		**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	47.9	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	69.1	1		J
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	3.80	1		
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	29.4	1		
1,3-Dichlorobenzene	0.0200	1.00	4.35	1		
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	123	1		J
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	1.11	1		
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	29.1	1		
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW70-GW	**Lab Sample ID:**	0706067-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3184.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	270	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	6.56	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	10.5	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	1.71	1		
n-Propylbenzene	0.00900	1.00	5.00	1		
Naphthalene	0.0240	1.00	27.6	1		
o-Xylene	0.0140	1.00	31.6	1		
p-Isopropyltoluene	0.0140	1.00	2.62	1		
sec-Butylbenzene	0.0170	1.00	3.15	1		
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	1.55	1		
Tetrachloroethene	0.0300	1.00	1.08	1		
Toluene	0.0180	1.00	6.71	1		
trans-1,2-Dichloroethene	0.0270	1.00	0.150	1		F
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.240	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	1.53	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW70-GW	**Lab Sample ID:**	0706067-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3184.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	79.5	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	94	85 - 115	
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	855654	349954 - 1399814	
Chlorobenzene-d5	1330837	532652 - 2130606	
Fluorobenzene	3463092	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW70-GW DL	**Lab Sample ID:**	0706067-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3228.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	2.80	200	2.80	100		U
1,1,1,2-Tetrachloroethane	5.40	50.0	5.40	100		U
1,1,1-Trichloroethane	1.50	100	1.50	100		U
1,1,2,2-Tetrachloroethane	8.10	50.0	8.10	100		U
1,1,2-Trichloroethane	2.80	100	2.80	100		U
1,1-Dichloroethane	3.30	100	3.30	100		U
1,1-Dichloroethene	4.60	100	4.60	100		U
1,1-Dichloropropene	2.40	100	2.40	100		U
1,2,3-Trichlorobenzene	3.60	100	3.60	100		U
1,2,3-Trichloropropane	4.60	100	4.60	100		U
1,2,4-Trichlorobenzene	2.50	100	2.50	100		U
1,2,4-Trimethylbenzene	1.20	100	70.0	100		F
1,2-Dibromo-3-chloropropane	26.1	200	26.1	100		U
1,2-Dibromoethane	3.50	100	3.50	100		U
1,2-Dichlorobenzene	1.90	100	1.90	100		U
1,2-Dichloroethane	2.40	50.0	2.40	100		U
1,2-Dichloropropane	2.60	100	2.60	100		U
1,3,5-Trimethylbenzene	1.30	100	38.0	100		F
1,3-Dichlorobenzene	2.00	100	2.00	100		U
1,3-Dichloropropane	2.30	50.0	2.30	100		U
1,4-Dichlorobenzene	1.70	50.0	144	100		
1-Chlorohexane	4.70	100	4.70	100		U
2,2-Dichloropropane	8.20	100	8.20	100		U
2-Butanone	64.9	1000	64.9	100		U
2-Chlorotoluene	1.20	100	1.20	100		U
4-Chlorotoluene	1.70	100	1.70	100		U
4-Methyl-2-pentanone	37.5	1000	37.5	100		U
Acetone	82.3	1000	82.3	100		U
Benzene	1.00	50.0	28.0	100		FQ
Bromobenzene	2.80	100	2.80	100		U
Bromochloromethane	5.90	100	5.90	100		U
Bromodichloromethane	3.10	50.0	3.10	100		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW70-GW DL	**Lab Sample ID:**	0706067-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3228.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	4.70	100	4.70	100		U
Bromomethane	5.90	300	5.90	100		U
Carbon tetrachloride	3.20	100	3.20	100		U
Chlorobenzene	1.10	50.0	3260	100		
Chloroethane	11.6	100	11.6	100		U
Chloroform	2.90	50.0	2.90	100		U
Chloromethane	12.6	100	12.6	100		U
cis-1,2-Dichloroethene	3.20	100	3.20	100		U
cis-1,3-Dichloropropene	2.10	50.0	2.10	100		U
Dibromochloromethane	4.10	50.0	4.10	100		U
Dibromomethane	3.80	100	3.80	100		U
Dichlorodifluoromethane	6.70	100	6.70	100		U
Ethylbenzene	2.40	100	12.0	100		F
Hexachlorobutadiene	6.10	60.0	6.10	100		U
Isopropylbenzene	2.10	100	15.0	100		F
Methyl tert-butyl ether	2.50	500	2.50	100		U
Methylene chloride	3.40	100	16.0	100		F
n-Butylbenzene	1.30	100	1.30	100		U
n-Propylbenzene	0.900	100	0.900	100		U
Naphthalene	2.40	100	2.40	100		U
o-Xylene	1.40	100	1.40	100		U
p-Isopropyltoluene	1.40	100	1.40	100		U
sec-Butylbenzene	1.70	100	1.70	100		U
Styrene	2.00	100	2.00	100		U
tert-Butylbenzene	1.60	100	1.60	100		U
Tetrachloroethene	3.00	100	3.00	100		U
Toluene	1.80	100	1.80	100		U
trans-1,2-Dichloroethene	2.70	100	2.70	100		U
trans-1,3-Dichloropropene	2.90	100	2.90	100		U
Trichloroethene	2.70	100	2.70	100		U
Trichlorofluoromethane	2.00	100	2.00	100		U
Vinyl chloride	3.80	100	3.80	100		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW70-GW DL	**Lab Sample ID:**	0706067-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3228.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	4.20	200	4.20	100		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	83	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	96	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	375394	349954 - 1399814	
Chlorobenzene-d5	789882	532652 - 2130606	
Fluorobenzene	2184182	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW71-GW	**Lab Sample ID:**	0706067-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3185.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	28.9	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.940	1		F
1,2,4-Trimethylbenzene	0.0120	1.00	85.0	1		J
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	167	1		J
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	19.1	1		
1,3-Dichlorobenzene	0.0200	1.00	8.29	1		
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	160	1		J
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.610	1		F
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	76.8	1		J
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW71-GW	**Lab Sample ID:**	0706067-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3185.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	211	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	2.06	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	15.9	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	4.75	1		
n-Propylbenzene	0.00900	1.00	10.0	1		
Naphthalene	0.0240	1.00	26.3	1		
o-Xylene	0.0140	1.00	28.1	1		
p-Isopropyltoluene	0.0140	1.00	6.92	1		
sec-Butylbenzene	0.0170	1.00	5.46	1		
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	2.00	1		
Tetrachloroethene	0.0300	1.00	2.19	1		
Toluene	0.0180	1.00	3.00	1		
trans-1,2-Dichloroethene	0.0270	1.00	0.130	1		F
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	1.41	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	2.15	1		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW71-GW	**Lab Sample ID:**	0706067-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3185.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	57.0	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	94	85 - 115	
Toluene-d8	99	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1062295	349954 - 1399814	
Chlorobenzene-d5	1559738	532652 - 2130606	
Fluorobenzene	4072820	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW71-GW DL	**Lab Sample ID:**	0706067-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3229.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	2.80	200	2.80	100		U
1,1,1,2-Tetrachloroethane	5.40	50.0	5.40	100		U
1,1,1-Trichloroethane	1.50	100	1.50	100		U
1,1,2,2-Tetrachloroethane	8.10	50.0	8.10	100		U
1,1,2-Trichloroethane	2.80	100	2.80	100		U
1,1-Dichloroethane	3.30	100	3.30	100		U
1,1-Dichloroethene	4.60	100	4.60	100		U
1,1-Dichloropropene	2.40	100	2.40	100		U
1,2,3-Trichlorobenzene	3.60	100	3.60	100		U
1,2,3-Trichloropropane	4.60	100	4.60	100		U
1,2,4-Trichlorobenzene	2.50	100	2.50	100		U
1,2,4-Trimethylbenzene	1.20	100	95.0	100		F
1,2-Dibromo-3-chloropropane	26.1	200	26.1	100		U
1,2-Dibromoethane	3.50	100	3.50	100		U
1,2-Dichlorobenzene	1.90	100	233	100		
1,2-Dichloroethane	2.40	50.0	2.40	100		U
1,2-Dichloropropane	2.60	100	2.60	100		U
1,3,5-Trimethylbenzene	1.30	100	29.0	100		F
1,3-Dichlorobenzene	2.00	100	10.0	100		F
1,3-Dichloropropane	2.30	50.0	2.30	100		U
1,4-Dichlorobenzene	1.70	50.0	262	100		
1-Chlorohexane	4.70	100	4.70	100		U
2,2-Dichloropropane	8.20	100	8.20	100		U
2-Butanone	64.9	1000	64.9	100		U
2-Chlorotoluene	1.20	100	1.20	100		U
4-Chlorotoluene	1.70	100	1.70	100		U
4-Methyl-2-pentanone	37.5	1000	37.5	100		U
Acetone	82.3	1000	82.3	100		U
Benzene	1.00	50.0	118	100		Q
Bromobenzene	2.80	100	2.80	100		U
Bromochloromethane	5.90	100	5.90	100		U
Bromodichloromethane	3.10	50.0	3.10	100		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW71-GW DL	**Lab Sample ID:**	0706067-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3229.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	4.70	100	4.70	100		U
Bromomethane	5.90	300	5.90	100		U
Carbon tetrachloride	3.20	100	3.20	100		U
Chlorobenzene	1.10	50.0	2350	100		
Chloroethane	11.6	100	11.6	100		U
Chloroform	2.90	50.0	2.90	100		U
Chloromethane	12.6	100	12.6	100		U
cis-1,2-Dichloroethene	3.20	100	3.20	100		U
cis-1,3-Dichloropropene	2.10	50.0	2.10	100		U
Dibromochloromethane	4.10	50.0	4.10	100		U
Dibromomethane	3.80	100	3.80	100		U
Dichlorodifluoromethane	6.70	100	6.70	100		U
Ethylbenzene	2.40	100	16.0	100		F
Hexachlorobutadiene	6.10	60.0	6.10	100		U
Isopropylbenzene	2.10	100	20.0	100		F
Methyl tert-butyl ether	2.50	500	2.50	100		U
Methylene chloride	3.40	100	18.0	100		F
n-Butylbenzene	1.30	100	1.30	100		U
n-Propylbenzene	0.900	100	0.900	100		U
Naphthalene	2.40	100	2.40	100		U
o-Xylene	1.40	100	1.40	100		U
p-Isopropyltoluene	1.40	100	1.40	100		U
sec-Butylbenzene	1.70	100	14.0	100		F
Styrene	2.00	100	2.00	100		U
tert-Butylbenzene	1.60	100	1.60	100		U
Tetrachloroethene	3.00	100	3.00	100		U
Toluene	1.80	100	1.80	100		U
trans-1,2-Dichloroethene	2.70	100	2.70	100		U
trans-1,3-Dichloropropene	2.90	100	2.90	100		U
Trichloroethene	2.70	100	2.70	100		U
Trichlorofluoromethane	2.00	100	2.00	100		U
Vinyl chloride	3.80	100	3.80	100		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW71-GW DL	**Lab Sample ID:**	0706067-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3229.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	4.20	200	4.20	100		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	72 - 119	
4-Bromofluorobenzene	86	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	96	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	393141	349954 - 1399814	
Chlorobenzene-d5	769763	532652 - 2130606	
Fluorobenzene	2192349	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW52-GW	**Lab Sample ID:**	0706067-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3188.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.200	1		F
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.140	1		F
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.270	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	1.00	1		F
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW52-GW	**Lab Sample ID:**	0706067-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3188.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	1.17	1		
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	5.22	1		
Toluene	0.0180	1.00	0.370	1		F
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	1.78	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW52-GW	**Lab Sample ID:**	0706067-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3188.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	99	85 - 115	
Toluene-d8	96	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	828812	349954 - 1399814	
Chlorobenzene-d5	1361422	532652 - 2130606	
Fluorobenzene	4069458	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW45-GW	**Lab Sample ID:**	0706067-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3205.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.280	20.0	55.3	10		
1,1,1,2-Tetrachloroethane	0.540	5.00	0.540	10		U
1,1,1-Trichloroethane	0.150	10.0	0.150	10		U
1,1,2,2-Tetrachloroethane	0.810	5.00	0.810	10		U
1,1,2-Trichloroethane	0.280	10.0	0.280	10		U
1,1-Dichloroethane	0.330	10.0	0.330	10		U
1,1-Dichloroethene	0.460	10.0	0.460	10		U
1,1-Dichloropropene	0.240	10.0	0.240	10		U
1,2,3-Trichlorobenzene	0.360	10.0	0.360	10		U
1,2,3-Trichloropropane	0.460	10.0	0.460	10		U
1,2,4-Trichlorobenzene	0.250	10.0	0.250	10		U
1,2,4-Trimethylbenzene	0.120	10.0	655	10		J
1,2-Dibromo-3-chloropropane	2.61	20.0	2.61	10		U
1,2-Dibromoethane	0.350	10.0	0.350	10		U
1,2-Dichlorobenzene	0.190	10.0	181	10		
1,2-Dichloroethane	0.240	5.00	0.240	10		U
1,2-Dichloropropane	0.260	10.0	0.260	10		U
1,3,5-Trimethylbenzene	0.130	10.0	235	10		
1,3-Dichlorobenzene	0.200	10.0	11.0	10		
1,3-Dichloropropane	0.230	5.00	0.230	10		U
1,4-Dichlorobenzene	0.170	5.00	156	10		
1-Chlorohexane	0.470	10.0	0.470	10		U
2,2-Dichloropropane	0.820	10.0	0.820	10		U
2-Butanone	6.49	100	6.49	10		U
2-Chlorotoluene	0.120	10.0	0.120	10		U
4-Chlorotoluene	0.170	10.0	0.170	10		U
4-Methyl-2-pentanone	3.75	100	3.75	10		U
Acetone	8.23	100	8.23	10		U
Benzene	0.100	5.00	4.00	10		F
Bromobenzene	0.280	10.0	0.280	10		U
Bromochloromethane	0.590	10.0	0.590	10		U
Bromodichloromethane	0.310	5.00	0.310	10		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW45-GW	**Lab Sample ID:**	0706067-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3205.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.470	10.0	0.470	10		U
Bromomethane	0.590	30.0	0.590	10		U
Carbon tetrachloride	0.320	10.0	0.320	10		U
Chlorobenzene	0.110	5.00	1300	10		J
Chloroethane	1.16	10.0	1.16	10		U
Chloroform	0.290	5.00	0.290	10		U
Chloromethane	1.26	10.0	1.26	10		U
cis-1,2-Dichloroethene	0.320	10.0	26.1	10		
cis-1,3-Dichloropropene	0.210	5.00	0.210	10		U
Dibromochloromethane	0.410	5.00	0.410	10		U
Dibromomethane	0.380	10.0	0.380	10		U
Dichlorodifluoromethane	0.670	10.0	0.670	10		U
Ethylbenzene	0.240	10.0	12.8	10		
Hexachlorobutadiene	0.610	6.00	0.610	10		U
Isopropylbenzene	0.210	10.0	31.2	10		
Methyl tert-butyl ether	0.250	50.0	0.250	10		U
Methylene chloride	0.340	10.0	2.20	10		F
n-Butylbenzene	0.130	10.0	16.9	10		
n-Propylbenzene	0.0900	10.0	44.5	10		
Naphthalene	0.240	10.0	88.2	10		
o-Xylene	0.140	10.0	18.1	10		
p-Isopropyltoluene	0.140	10.0	24.9	10		
sec-Butylbenzene	0.170	10.0	20.4	10		
Styrene	0.200	10.0	0.200	10		U
tert-Butylbenzene	0.160	10.0	9.20	10		F
Tetrachloroethene	0.300	10.0	11.9	10		
Toluene	0.180	10.0	0.180	10		U
trans-1,2-Dichloroethene	0.270	10.0	0.270	10		U
trans-1,3-Dichloropropene	0.290	10.0	0.290	10		U
Trichloroethene	0.270	10.0	1.00	10		F
Trichlorofluoromethane	0.200	10.0	0.200	10		U
Vinyl chloride	0.380	10.0	0.380	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW45-GW	**Lab Sample ID:**	0706067-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3205.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.420	20.0	73.4	10		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	113	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	99	85 - 115	
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	524773	349954 - 1399814	
Chlorobenzene-d5	922703	532652 - 2130606	
Fluorobenzene	2392018	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW45-GW DL	**Lab Sample ID:**	0706067-006ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3230.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	1.40	100	1.40	50		U
1,1,1,2-Tetrachloroethane	2.70	25.0	2.70	50		U
1,1,1-Trichloroethane	0.750	50.0	0.750	50		U
1,1,2,2-Tetrachloroethane	4.05	25.0	4.05	50		U
1,1,2-Trichloroethane	1.40	50.0	1.40	50		U
1,1-Dichloroethane	1.65	50.0	1.65	50		U
1,1-Dichloroethene	2.30	50.0	2.30	50		U
1,1-Dichloropropene	1.20	50.0	1.20	50		U
1,2,3-Trichlorobenzene	1.80	50.0	1.80	50		U
1,2,3-Trichloropropane	2.30	50.0	2.30	50		U
1,2,4-Trichlorobenzene	1.25	50.0	1.25	50		U
1,2,4-Trimethylbenzene	0.600	50.0	681	50		
1,2-Dibromo-3-chloropropane	13.0	100	13.0	50		U
1,2-Dibromoethane	1.75	50.0	1.75	50		U
1,2-Dichlorobenzene	0.950	50.0	201	50		
1,2-Dichloroethane	1.20	25.0	1.20	50		U
1,2-Dichloropropane	1.30	50.0	1.30	50		U
1,3,5-Trimethylbenzene	0.650	50.0	246	50		
1,3-Dichlorobenzene	1.00	50.0	10.5	50		F
1,3-Dichloropropane	1.15	25.0	1.15	50		U
1,4-Dichlorobenzene	0.850	25.0	152	50		
1-Chlorohexane	2.35	50.0	2.35	50		U
2,2-Dichloropropane	4.10	50.0	4.10	50		U
2-Butanone	32.4	500	32.4	50		U
2-Chlorotoluene	0.600	50.0	0.600	50		U
4-Chlorotoluene	0.850	50.0	0.850	50		U
4-Methyl-2-pentanone	18.8	500	18.8	50		U
Acetone	41.2	500	41.2	50		U
Benzene	0.500	25.0	0.500	50		U
Bromobenzene	1.40	50.0	1.40	50		U
Bromochloromethane	2.95	50.0	2.95	50		U
Bromodichloromethane	1.55	25.0	1.55	50		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW45-GW DL	**Lab Sample ID:**	0706067-006ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3230.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	2.35	50.0	2.35	50		U
Bromomethane	2.95	150	2.95	50		U
Carbon tetrachloride	1.60	50.0	1.60	50		U
Chlorobenzene	0.550	25.0	1440	50		
Chloroethane	5.80	50.0	5.80	50		U
Chloroform	1.45	25.0	1.45	50		U
Chloromethane	6.30	50.0	6.30	50		U
cis-1,2-Dichloroethene	1.60	50.0	24.5	50		F
cis-1,3-Dichloropropene	1.05	25.0	1.05	50		U
Dibromochloromethane	2.05	25.0	2.05	50		U
Dibromomethane	1.90	50.0	1.90	50		U
Dichlorodifluoromethane	3.35	50.0	3.35	50		U
Ethylbenzene	1.20	50.0	13.0	50		F
Hexachlorobutadiene	3.05	30.0	3.05	50		U
Isopropylbenzene	1.05	50.0	28.0	50		F
Methyl tert-butyl ether	1.25	250	1.25	50		U
Methylene chloride	1.70	50.0	7.50	50		F
n-Butylbenzene	0.650	50.0	22.0	50		F
n-Propylbenzene	0.450	50.0	37.0	50		F
Naphthalene	1.20	50.0	79.0	50		
o-Xylene	0.700	50.0	0.700	50		U
p-Isopropyltoluene	0.700	50.0	34.5	50		F
sec-Butylbenzene	0.850	50.0	21.0	50		F
Styrene	1.00	50.0	1.00	50		U
tert-Butylbenzene	0.800	50.0	0.800	50		U
Tetrachloroethene	1.50	50.0	17.5	50		F
Toluene	0.900	50.0	0.900	50		U
trans-1,2-Dichloroethene	1.35	50.0	1.35	50		U
trans-1,3-Dichloropropene	1.45	50.0	1.45	50		U
Trichloroethene	1.35	50.0	1.35	50		U
Trichlorofluoromethane	1.00	50.0	1.00	50		U
Vinyl chloride	1.90	50.0	1.90	50		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW45-GW DL	**Lab Sample ID:**	0706067-006ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3230.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	2.10	100	2.10	50		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	72 - 119	
4-Bromofluorobenzene	87	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	429694	349954 - 1399814	
Chlorobenzene-d5	785363	532652 - 2130606	
Fluorobenzene	2184973	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW67-GW	**Lab Sample ID:**	0706067-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3200.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW67-GW	**Lab Sample ID:**	0706067-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3200.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW67-GW	**Lab Sample ID:**	0706067-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3200.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	117	72 - 119	
4-Bromofluorobenzene	85	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	423377	349954 - 1399814	
Chlorobenzene-d5	828251	532652 - 2130606	
Fluorobenzene	2383635	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW67-GW/D	**Lab Sample ID:**	0706067-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3199.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	1.36	1		F
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW67-GW/D	**Lab Sample ID:**	0706067-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3199.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW67-GW/D	**Lab Sample ID:**	0706067-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3199.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	114	72 - 119	
4-Bromofluorobenzene	87	76 - 119	
Dibromofluoromethane	102	85 - 115	
Toluene-d8	96	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	437645	349954 - 1399814	
Chlorobenzene-d5	856374	532652 - 2130606	
Fluorobenzene	2540987	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW65-GW	**Lab Sample ID:**	0706067-009A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3201.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW65-GW	**Lab Sample ID:**	0706067-009A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3201.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW65-GW	**Lab Sample ID:**	0706067-009A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3201.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	14-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	117	72 - 119	
4-Bromofluorobenzene	86	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	96	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	401105	349954 - 1399814	
Chlorobenzene-d5	794548	532652 - 2130606	
Fluorobenzene	2298346	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

AOC9-TW65-GW

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060540

Matrix: (soil/water) WATER Lab Sample ID: 0706067-009A

Sample wt/vol: 5 (g/mL) ML Lab File ID: J3201.D

Level: LOW Date Received: 6/13/2007

% Moisture: not dec. Date Analyzed: 6/14/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 3 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	2.73	41.5	JB
2.	006004-38-2	4,7-Methano-1H-indene, octahyd	20.56	827	JN
3.	006004-38-2	4,7-Methano-1H-indene, octahyd	21.30	27.6	JN

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW62-GW	**Lab Sample ID:**	0706067-010A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3187.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.220	1		F
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.330	1		F
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.410	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW62-GW	**Lab Sample ID:**	0706067-010A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3187.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	1.92	1		
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.350	1		F
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW62-GW	**Lab Sample ID:**	0706067-010A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3187.D
Date Received:	13-Jun-07	**Date Extracted:**		**Date Analyzed:**	13-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	99	85 - 115	
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	870780	349954 - 1399814	
Chlorobenzene-d5	1405807	532652 - 2130606	
Fluorobenzene	4205962	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

AOC9-TW62-GW

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060540

Matrix: (soil/water) WATER Lab Sample ID: 0706067-010A

Sample wt/vol: 5 (g/mL) ML Lab File ID: J3187.D

Level: LOW Date Received: 6/13/2007

% Moisture: not dec. Date Analyzed: 6/13/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 4 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	2.72	24.0	JB
2.	006004-38-2	4,7-Methano-1H-indene, octahyd	20.55	250	JN
3.	000281-23-2	Adamantane	21.17	3.08	JN
4.	006004-38-2	4,7-Methano-1H-indene, octahyd	21.30	8.57	JN

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB03	**Lab Sample ID:**	0706077-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3220.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB03	**Lab Sample ID:**	0706077-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3220.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.250	1		F
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB03	**Lab Sample ID:**	0706077-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3220.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	72 - 119	
4-Bromofluorobenzene	83	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	371205	349954 - 1399814	
Chlorobenzene-d5	735125	532652 - 2130606	
Fluorobenzene	2073789	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW61-GW	**Lab Sample ID:**	0706077-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3248.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW61-GW	**Lab Sample ID:**	0706077-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3248.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW61-GW	**Lab Sample ID:**	0706077-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3248.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	114	72 - 119	
4-Bromofluorobenzene	89	76 - 119	
Dibromofluoromethane	107	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	423889	349954 - 1399814	
Chlorobenzene-d5	784836	532652 - 2130606	
Fluorobenzene	2311386	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

AOC9-TW61-GW

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060540

Matrix: (soil/water) WATER Lab Sample ID: 0706077-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: J3248.D

Level: LOW Date Received: 6/14/2007

% Moisture: not dec. Date Analyzed: 6/18/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (ul)

Number TICs found: 4 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1		unknown	2.72	36.5	JB
2	006004-38-2	4,7-Methano-1H-indene, octahyd	20.56	755	JN
3	000281-23-2	Adamantane	21.17	22.2	JN
4	006004-38-2	4,7-Methano-1H-indene, octahyd	21.30	38.4	JN

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56-GW	**Lab Sample ID:**	0706077-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3252.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.280	20.0	13.5	10		F
1,1,1,2-Tetrachloroethane	0.540	5.00	0.540	10		U
1,1,1-Trichloroethane	0.150	10.0	0.150	10		U
1,1,2,2-Tetrachloroethane	0.810	5.00	0.810	10		U
1,1,2-Trichloroethane	0.280	10.0	0.280	10		U
1,1-Dichloroethane	0.330	10.0	0.330	10		U
1,1-Dichloroethene	0.460	10.0	0.460	10		U
1,1-Dichloropropene	0.240	10.0	0.240	10		U
1,2,3-Trichlorobenzene	0.360	10.0	0.360	10		U
1,2,3-Trichloropropane	0.460	10.0	0.460	10		U
1,2,4-Trichlorobenzene	0.250	10.0	0.250	10		U
1,2,4-Trimethylbenzene	0.120	10.0	13.0	10		
1,2-Dibromo-3-chloropropane	2.61	20.0	2.61	10		U
1,2-Dibromoethane	0.350	10.0	0.350	10		U
1,2-Dichlorobenzene	0.190	10.0	3.10	10		F
1,2-Dichloroethane	0.240	5.00	0.240	10		U
1,2-Dichloropropane	0.260	10.0	0.260	10		U
1,3,5-Trimethylbenzene	0.130	10.0	9.30	10		F
1,3-Dichlorobenzene	0.200	10.0	0.200	10		U
1,3-Dichloropropane	0.230	5.00	0.230	10		U
1,4-Dichlorobenzene	0.170	5.00	34.2	10		
1-Chlorohexane	0.470	10.0	0.470	10		U
2,2-Dichloropropane	0.820	10.0	0.820	10		U
2-Butanone	6.49	100	6.49	10		U
2-Chlorotoluene	0.120	10.0	0.120	10		U
4-Chlorotoluene	0.170	10.0	0.170	10		U
4-Methyl-2-pentanone	3.75	100	3.75	10		U
Acetone	8.23	100	8.23	10		U
Benzene	0.100	5.00	1.00	10		F
Bromobenzene	0.280	10.0	0.280	10		U
Bromochloromethane	0.590	10.0	0.590	10		U
Bromodichloromethane	0.310	5.00	0.310	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56-GW	**Lab Sample ID:**	0706077-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3252.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.470	10.0	0.470	10		U
Bromomethane	0.590	30.0	0.590	10		U
Carbon tetrachloride	0.320	10.0	0.320	10		U
Chlorobenzene	0.110	5.00	179	10		
Chloroethane	1.16	10.0	1.16	10		U
Chloroform	0.290	5.00	0.290	10		U
Chloromethane	1.26	10.0	1.26	10		U
cis-1,2-Dichloroethene	0.320	10.0	0.320	10		U
cis-1,3-Dichloropropene	0.210	5.00	0.210	10		U
Dibromochloromethane	0.410	5.00	0.410	10		U
Dibromomethane	0.380	10.0	0.380	10		U
Dichlorodifluoromethane	0.670	10.0	0.670	10		U
Ethylbenzene	0.240	10.0	1.10	10		F
Hexachlorobutadiene	0.610	6.00	0.610	10		U
Isopropylbenzene	0.210	10.0	1.80	10		F
Methyl tert-butyl ether	0.250	50.0	0.250	10		U
Methylene chloride	0.340	10.0	1.20	10		F
n-Butylbenzene	0.130	10.0	0.130	10		U
n-Propylbenzene	0.0900	10.0	0.0900	10		U
Naphthalene	0.240	10.0	0.240	10		U
o-Xylene	0.140	10.0	9.80	10		F
p-Isopropyltoluene	0.140	10.0	0.140	10		U
sec-Butylbenzene	0.170	10.0	0.170	10		U
Styrene	0.200	10.0	0.200	10		U
tert-Butylbenzene	0.160	10.0	0.160	10		U
Tetrachloroethene	0.300	10.0	0.300	10		U
Toluene	0.180	10.0	0.180	10		U
trans-1,2-Dichloroethene	0.270	10.0	0.270	10		U
trans-1,3-Dichloropropene	0.290	10.0	0.290	10		U
Trichloroethene	0.270	10.0	0.270	10		U
Trichlorofluoromethane	0.200	10.0	0.200	10		U
Vinyl chloride	0.380	10.0	0.380	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56-GW	**Lab Sample ID:**	0706077-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3252.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.420	20.0	23.3	10		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	116	72 - 119	
4-Bromofluorobenzene	86	76 - 119	
Dibromofluoromethane	110	85 - 115	
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	412775	349954 - 1399814	
Chlorobenzene-d5	823745	532652 - 2130606	
Fluorobenzene	2264941	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW80-GW	**Lab Sample ID:**	0706077-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3221.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW80-GW	**Lab Sample ID:**	0706077-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3221.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.260	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW80-GW	**Lab Sample ID:**	0706077-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3221.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	85	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	95	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	395182	349954 - 1399814	
Chlorobenzene-d5	739360	532652 - 2130606	
Fluorobenzene	2023201	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW59-GW	**Lab Sample ID:**	0706077-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3222.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW59-GW	**Lab Sample ID:**	0706077-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3222.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW59-GW	**Lab Sample ID:**	0706077-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3222.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	72 - 119	
4-Bromofluorobenzene	84	76 - 119	
Dibromofluoromethane	109	85 - 115	
Toluene-d8	96	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	351520	349954 - 1399814	
Chlorobenzene-d5	693743	532652 - 2130606	
Fluorobenzene	2010159	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW79-GW	**Lab Sample ID:**	0706077-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3249.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW79-GW	**Lab Sample ID:**	0706077-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3249.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW79-GW	**Lab Sample ID:**	0706077-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3249.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	117	72 - 119	
4-Bromofluorobenzene	88	76 - 119	
Dibromofluoromethane	109	85 - 115	
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	401567	349954 - 1399814	
Chlorobenzene-d5	830254	532652 - 2130606	
Fluorobenzene	2377348	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW77-GW	**Lab Sample ID:**	0706077-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3250.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW77-GW	**Lab Sample ID:**	0706077-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3250.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.440	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW77-GW	**Lab Sample ID:**	0706077-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3250.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	115	72 - 119	
4-Bromofluorobenzene	88	76 - 119	
Dibromofluoromethane	109	85 - 115	
Toluene-d8	102	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	410499	349954 - 1399814	
Chlorobenzene-d5	828175	532652 - 2130606	
Fluorobenzene	2378186	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW77-GW/D	**Lab Sample ID:**	0706077-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3251.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW77-GW/D	**Lab Sample ID:**	0706077-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3251.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.430	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW77-GW/D	**Lab Sample ID:**	0706077-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3251.D
Date Received:	14-Jun-07	**Date Extracted:**		**Date Analyzed:**	18-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	116	72 - 119	
4-Bromofluorobenzene	87	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	392685	349954 - 1399814	
Chlorobenzene-d5	828639	532652 - 2130606	
Fluorobenzene	2393210	1485912 - 5943646	

Comments:

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 01JUN07

Initial Calibration ID: 973

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration

ICAL #973

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.337	0.320	0.263	0.322	0.341	0.340	0.323	8.58
3)	P	Chloromethane	0.360	0.325	0.303	0.369	0.387	0.381	0.355	8.51
4)	CP	Vinyl chloride	0.293	0.274	0.252	0.331	0.360	0.360	0.317	13.79
5)		Bromomethane	0.261	0.264	0.257	0.254	0.253	0.246	0.256	2.28
6)		Chloroethane	0.258	0.213	0.195	0.234	0.242	0.234	0.228	8.91
7)		Trichlorofluorometh	0.408	0.405	0.394	0.484	0.496	0.484	0.450	10.10
8)		Acetone	0.036	0.031	0.029	0.036	0.037	0.037	0.034	9.30
9)		Acrolein	0.016	0.018	0.019	0.025	0.027	0.026	0.022	20.58
10)	CPM	1,1-Dichloroethene	0.149	0.162	0.154	0.188	0.199	0.197	0.179	12.99
11)		Methyl iodide	0.098	0.098	0.127	0.185	0.236	0.249	0.182	41.91
12)		1,1,2-Trichloro-1,2	0.192	0.187	0.173	0.216	0.219	0.213	0.203	9.02
13)		Methyl acetate	0.111	0.086	0.074	0.080	0.089	0.089	0.087	13.48
14)		Acrylonitrile	0.026	0.030	0.038	0.047	0.052	0.050	0.042	25.16
15)		Methylene chloride	0.396	0.363	0.253	0.250	0.262	0.253	0.290	21.45
16)		Carbon disulfide	0.636	0.644	0.589	0.716	0.756	0.737	0.687	9.16
17)		trans-1,2-Dichloroe	0.213	0.200	0.176	0.215	0.239	0.235	0.217	10.73
18)		Methyl tert-Butyl e	0.350	0.344	0.345	0.420	0.476	0.474	0.414	16.20
19)	P	1,1-Dichloroethane	0.355	0.338	0.327	0.414	0.443	0.427	0.387	11.98
20)		Vinyl acetate	0.123	0.098	0.153	0.211	0.251	0.249	0.189	33.76
21)		2-Butanone	0.039	0.040	0.041	0.051	0.057	0.055	0.048	15.96
22)		cis-1,2-Dichloroeth	0.216	0.204	0.200	0.251	0.275	0.270	0.242	13.95
23)		Bromochloromethane	0.089	0.097	0.094	0.109	0.115	0.112	0.105	11.08
24)	CP	Chloroform	0.353	0.327	0.334	0.399	0.428	0.415	0.380	10.84
25)		2,2-Dichloropropane	0.196	0.186	0.186	0.229	0.265	0.272	0.233	19.38
26)		Cyclohexane	0.229	0.222	0.248	0.399	0.422	0.410	0.331	28.00
27)	S	Dibromofluoromethan	0.201	0.177	0.169	0.201	0.212	0.207	0.197	9.01
28)	S	1,2-Dichloroethane-	0.206	0.182	0.181	0.213	0.222	0.215	0.202	7.99 *
29)		1,2-Dichloroethane	0.204	0.200	0.198	0.250	0.269	0.258	0.231	12.98
30)		1,1,1-Trichloroetha	0.249	0.234	0.238	0.294	0.333	0.338	0.290	17.07
31)		1,1-Dichloropropene	0.223	0.216	0.226	0.315	0.342	0.331	0.282	20.34
32)		Carbon tetrachlorid	0.138	0.138	0.141	0.171	0.203	0.210	0.177	22.63
33)	M	Benzene	0.879	0.871	0.850	1.079	1.148	1.094	0.995	12.52
34)	M	Trichloroethene	0.239	0.233	0.214	0.255	0.272	0.268	0.253	10.34
35)		Dibromomethane	0.103	0.092	0.104	0.119	0.125	0.122	0.112	11.12
36)		Methylcyclohexane	0.273	0.268	0.268	0.386	0.414	0.398	0.344	20.34
37)	CP	1,2-Dichloropropane	0.214	0.197	0.193	0.235	0.259	0.250	0.227	11.26
38)		Bromodichloromethan	0.213	0.205	0.209	0.256	0.283	0.281	0.248	15.00
39)		2-Chloroethylvinyl	0.005	0.011	0.013	0.021	0.031	0.033	0.022	57.21
40)		4-Methyl-2-pentanon	0.058	0.075	0.078	0.111	0.128	0.128	0.099	28.79
41)		cis-1,3-Dichloropro	0.185	0.199	0.214	0.285	0.346	0.352	0.278	28.12
42)	S	Toluene-d8	0.603	0.636	0.628	0.820	0.877	0.850	0.753	16.46
43)	CPM	Toluene	0.422	0.439	0.466	0.622	0.674	0.649	0.562	20.17

OK @ 6-7-07

* changed from Average Response factors to Linear Regression

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.124	0.136	0.164	0.213	0.262	0.274	0.209	32.64
45)		1,1,2-Trichloroetha	0.121	0.128	0.123	0.151	0.167	0.156	0.144	13.22
46)		2-Hexanone	0.035	0.036	0.047	0.071	0.086	0.087	0.063	36.87
47)		1,2-Dibromoethane	0.132	0.117	0.119	0.151	0.170	0.166	0.147	16.78
48)	I	Chlorobenzene-d5	ISTD							
49)		1,3-Dichloropropane	0.751	0.729	0.730	0.863	0.954	0.903	0.834	11.43
50)		Dibromochloromethan	0.291	0.339	0.297	0.385	0.477	0.481	0.404	25.38
51)		Tetrachloroethene	0.563	0.542	0.564	0.610	0.639	0.628	0.609	9.77
52)		1-Chlorohexane	0.447	0.481	0.426	0.708	0.818	0.808	0.652	29.85
53)		1,1,1,2-Tetrachloro	0.399	0.389	0.288	0.429	0.522	0.519	0.450	23.36
54)	PM	Chlorobenzene	1.753	1.691	1.441	1.709	1.861	1.780	1.736	8.83
55)	CP	Ethylbenzene	2.543	2.297	2.269	2.902	3.184	2.995	2.749	13.63
56)		(m+p)-Xylene	0.672	0.690	0.711	0.993	1.097	1.057	0.909	22.97
57)		o-Xylene	0.630	0.558	0.622	0.914	1.055	1.026	0.847	28.04
58)		Styrene	0.761	0.878	0.913	1.478	1.758	1.719	1.339	35.34
59)	P	Bromoform	0.143	0.128	0.129	0.176	0.229	0.232	0.188	31.70
60)	S	Bromofluorobenzene	1.270	0.522	0.453	0.646	0.723	0.710	0.726	36.44
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.334	0.325	0.409	0.496	0.525	0.509	0.441	19.16
63)	P	1,1,2,2-Tetrachloro	0.777	0.774	0.812	0.885	0.917	0.850	0.832	6.52
64)		Isopropylbenzene	2.318	2.318	2.659	3.812	4.060	3.856	3.255	24.10
65)		1,2,3-Trichloroprop	0.723	0.745	0.589	0.713	0.711	0.672	0.682	8.45
66)		Bromobenzene	0.734	0.701	0.745	0.890	0.947	0.922	0.844	13.46
67)		n-Propylbenzene	2.531	2.600	3.029	4.419	4.676	4.430	3.695	25.33
68)		2-Chlorotoluene	1.875	1.826	2.210	2.851	3.019	2.907	2.498	20.50
69)		4-Chlorotoluene	1.634	1.589	1.957	2.535	2.680	2.575	2.207	21.19
70)		1,3,5-Trimethylbenz	1.633	1.611	1.998	2.871	3.004	2.852	2.402	26.11
71)		tert-Butylbenzene	1.336	1.422	1.525	2.344	2.520	2.430	2.006	27.23
72)		1,2,4-Trimethylbenz	1.498	1.525	1.988	2.740	2.854	2.715	2.291	26.36
73)		sec-Butylbenzene	2.058	1.967	2.563	3.608	3.832	3.638	3.032	26.66
74)		1,3-Dichlorobenzene	1.296	1.262	1.302	1.571	1.644	1.613	1.476	12.18
75)		p-Isopropyltoluene	1.444	1.457	1.735	2.671	2.882	2.763	2.255	29.88
76)		1,4-Dichlorobenzene	1.409	1.404	1.336	1.534	1.622	1.571	1.501	7.80
77)		n-Butylbenzene	1.731	1.575	1.611	2.257	2.412	2.283	2.024	18.08
78)		1,2-Dichlorobenzene	1.186	1.194	1.207	1.455	1.576	1.524	1.388	13.31
79)		1,2-Dibromo-3-chlor	0.018	0.085	0.063	0.083	0.099	0.102	0.079	38.15
80)		1,2,4-Trichlorobenz	0.633	0.583	0.601	0.756	0.843	0.824	0.735	17.47
81)		Hexachlorobutadiene	0.302	0.239	0.248	0.298	0.327	0.309	0.294	12.41
82)		Naphthalene	1.142	1.070	1.016	1.619	1.801	1.727	1.445	24.33
83)		1,2,3-Trichlorobenz	0.551	0.632	0.558	0.722	0.778	0.753	0.689	15.91

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.337		
3)	P	Chloromethane	0.357		
4)	CP	Vinyl chloride	0.347		
5)		Bromomethane	0.254		
6)		Chloroethane	0.223		
7)		Trichlorofluorometh	0.483		
8)		Acetone	0.032		
9)		Acrolein	0.023		
10)	CPM	1,1-Dichloroethene	0.203		
11)		Methyl iodide	0.284		
12)		1,1,2-Trichloro-1,2	0.218		
13)		Methyl acetate	0.081		
14)		Acrylonitrile	0.047		
15)		Methylene chloride	0.251		
16)		Carbon disulfide	0.728		
17)		trans-1,2-Dichloroe	0.239		
3)		Methyl tert-Butyl e	0.490		
9)	P	1,1-Dichloroethane	0.407		
20)		Vinyl acetate	0.238		
21)		2-Butanone	0.051		
22)		cis-1,2-Dichloroeth	0.275		
23)		Bromochloromethane	0.119		
24)	CP	Chloroform	0.405		
25)		2,2-Dichloropropane	0.296		
26)		Cyclohexane	0.388		
27)	S	Dibromofluoromethan	0.216		
28)	S	1,2-Dichloroethane-	0.198		
29)		1,2-Dichloroethane	0.236		
30)		1,1,1-Trichloroetha	0.345		
31)		1,1-Dichloropropene	0.324		
32)		Carbon tetrachlorid	0.235		
33)	M	Benzene	1.048		
34)	M	Trichloroethene	0.290		
35)		Dibromomethane	0.121		
36)		Methylcyclohexane	0.401		
37)	CP	1,2-Dichloropropane	0.239		
38)		Bromodichloromethan	0.285		
39)		2-Chloroethylvinyl	0.037		
40)		4-Methyl-2-pentanon	0.116		
41)		cis-1,3-Dichloropro	0.365		
42)	S	Toluene-d8	0.859		
43)	CPM	Toluene	0.659		

(#) = Out of Range ### Number of calibration levels exceeded format ###

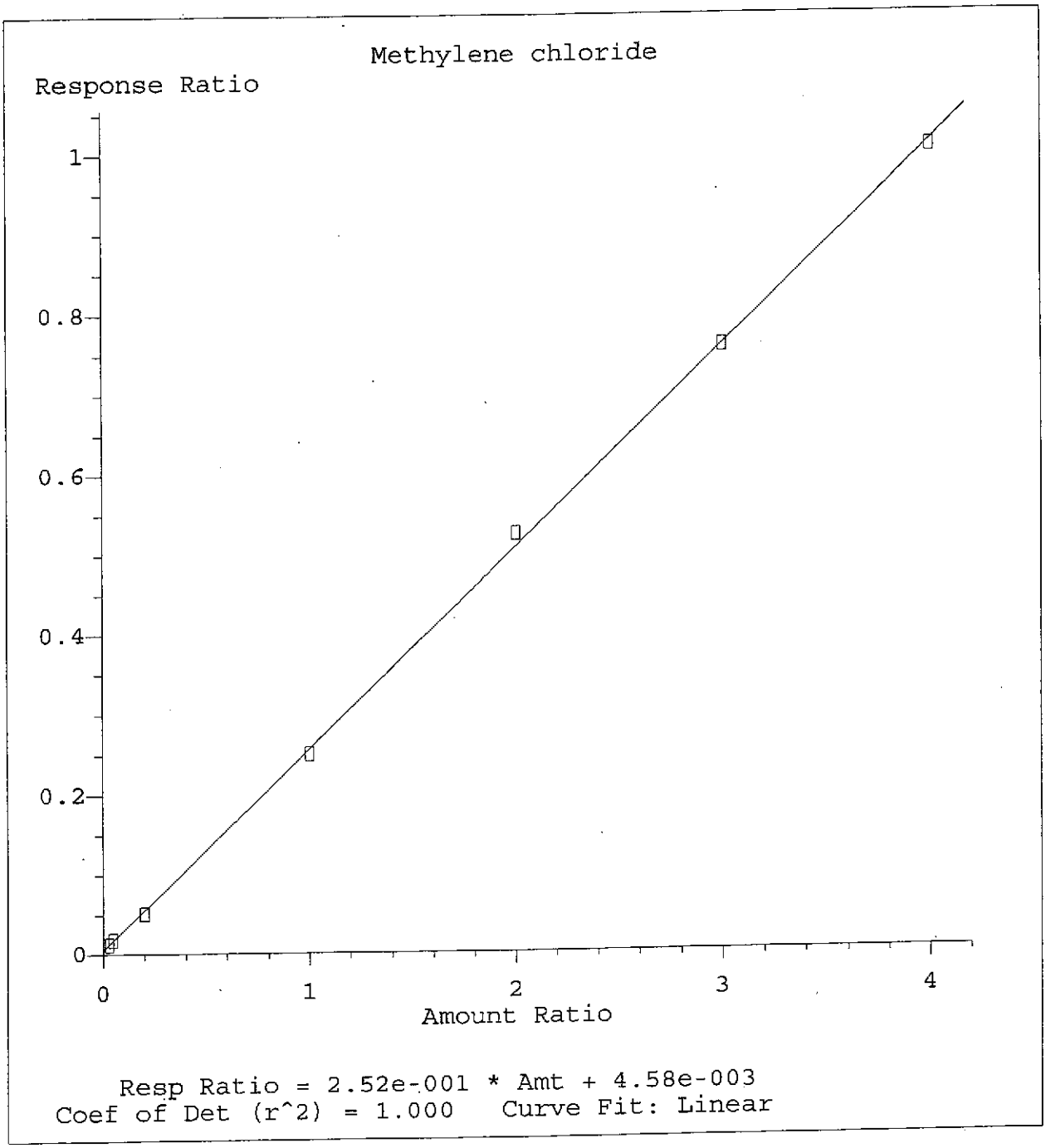
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

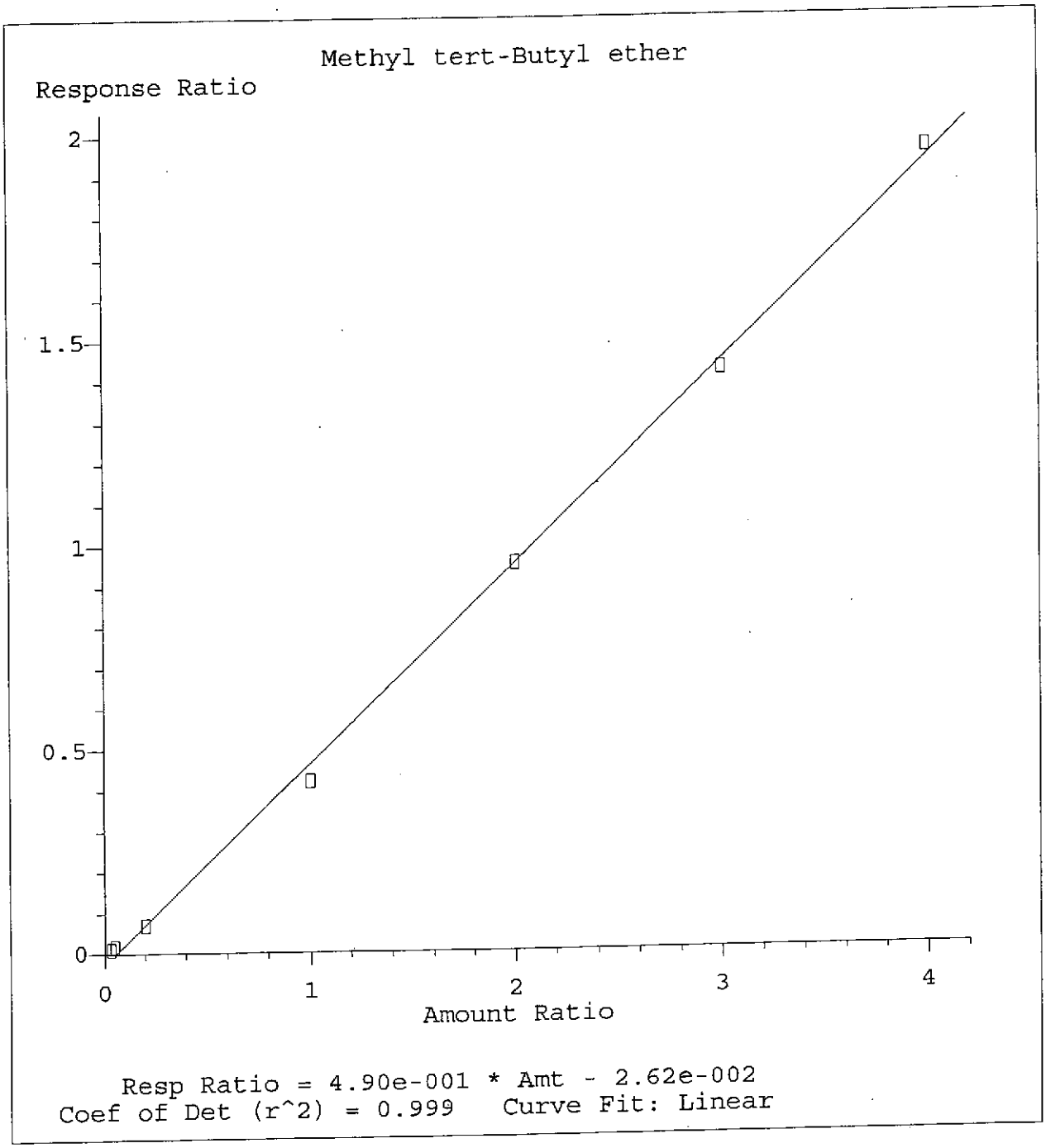
Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.288		
45)		1,1,2-Trichloroetha	0.158		
46)		2-Hexanone	0.080		
47)		1,2-Dibromoethane	0.176		
48)	I	Chlorobenzene-d5	----------ISTD-----		
49)		1,3-Dichloropropane	0.910		
50)		Dibromochloromethan	0.555		
51)		Tetrachloroethene	0.716		
52)		1-Chlorohexane	0.875		
53)		1,1,1,2-Tetrachloro	0.603		
54)	PM	Chlorobenzene	1.918		
55)	CP	Ethylbenzene	3.052		
56)		(m+p)-Xylene	1.142		
57)		o-Xylene	1.125		
58)		Styrene	1.865		
59)	P	Bromoform	0.280		
60)	S	Bromofluorobenzene	0.755		
61)	I	1,4-Dichlorobenzene-d	----------ISTD-----		
62)		trans-1,4-Dichloro-	0.489		
63)	P	1,1,2,2-Tetrachloro	0.808		
64)		Isopropylbenzene	3.766		
65)		1,2,3-Trichloroprop	0.621		
66)		Bromobenzene	0.972		
67)		n-Propylbenzene	4.177		
68)		2-Chlorotoluene	2.795		
69)		4-Chlorotoluene	2.480		
70)		1,3,5-Trimethylbenz	2.841		
71)		tert-Butylbenzene	2.466		
72)		1,2,4-Trimethylbenz	2.716		
73)		sec-Butylbenzene	3.561		
74)		1,3-Dichlorobenzene	1.648		
75)		p-Isopropyltoluene	2.833		
76)		1,4-Dichlorobenzene	1.629		
77)		n-Butylbenzene	2.297		
78)		1,2-Dichlorobenzene	1.577		
79)		1,2-Dibromo-3-chlor	0.101		
80)		1,2,4-Trichlorobenz	0.901		
81)		Hexachlorobutadiene	0.332		
82)		Naphthalene	1.742		
83)		1,2,3-Trichlorobenz	0.828		

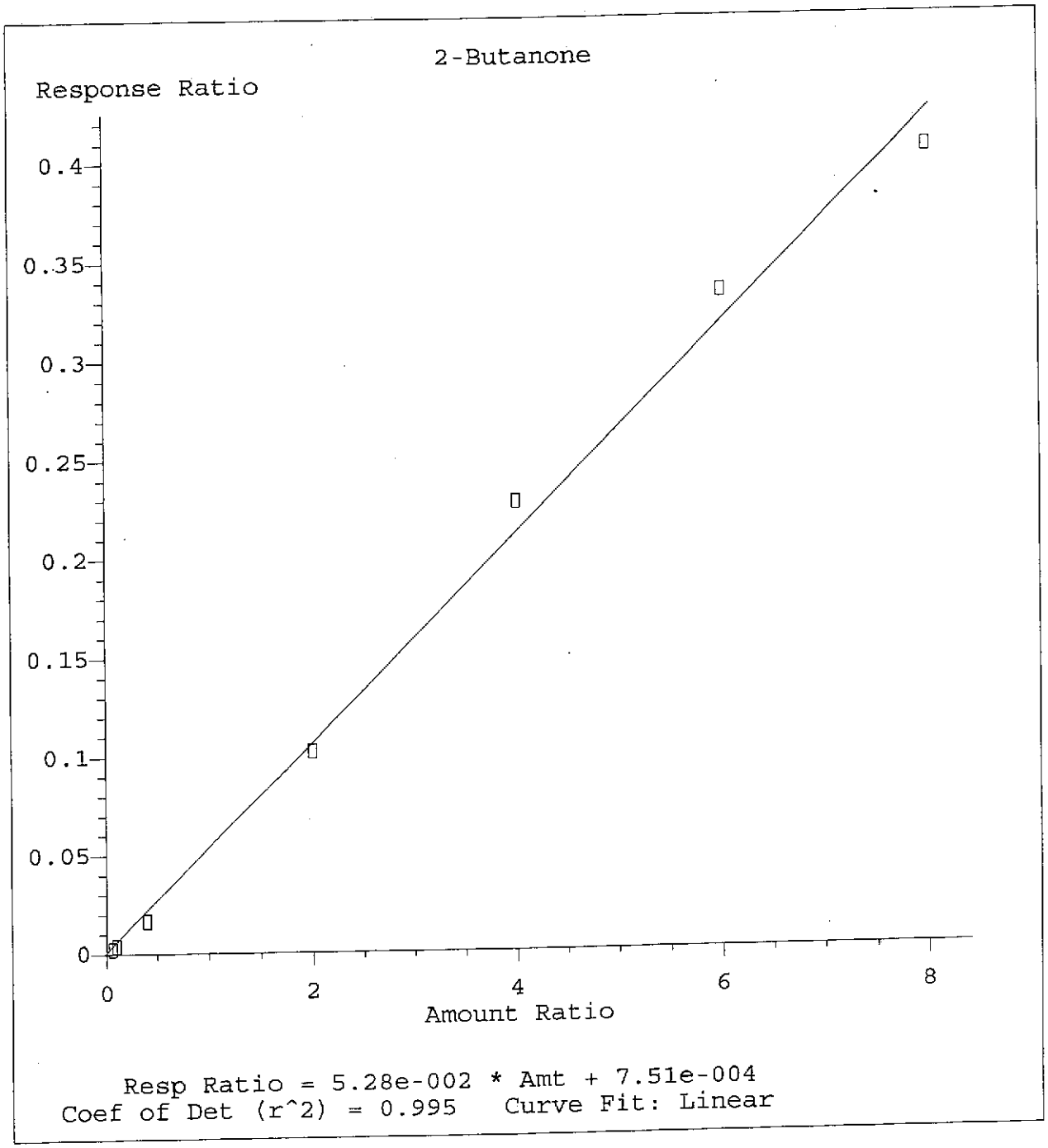
(#) = Out of Range ### Number of calibration levels exceeded format ###



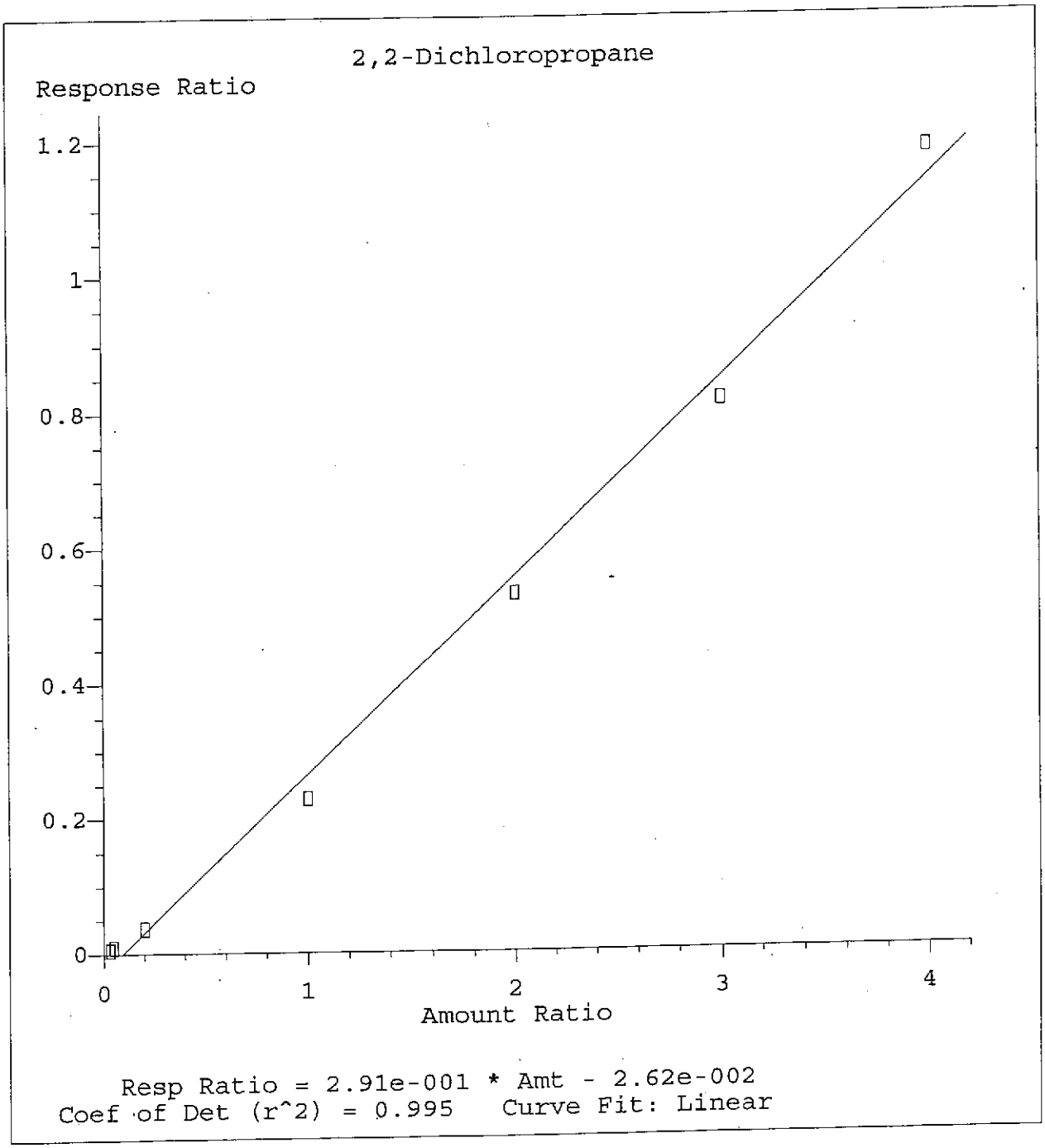
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:00:12 2007



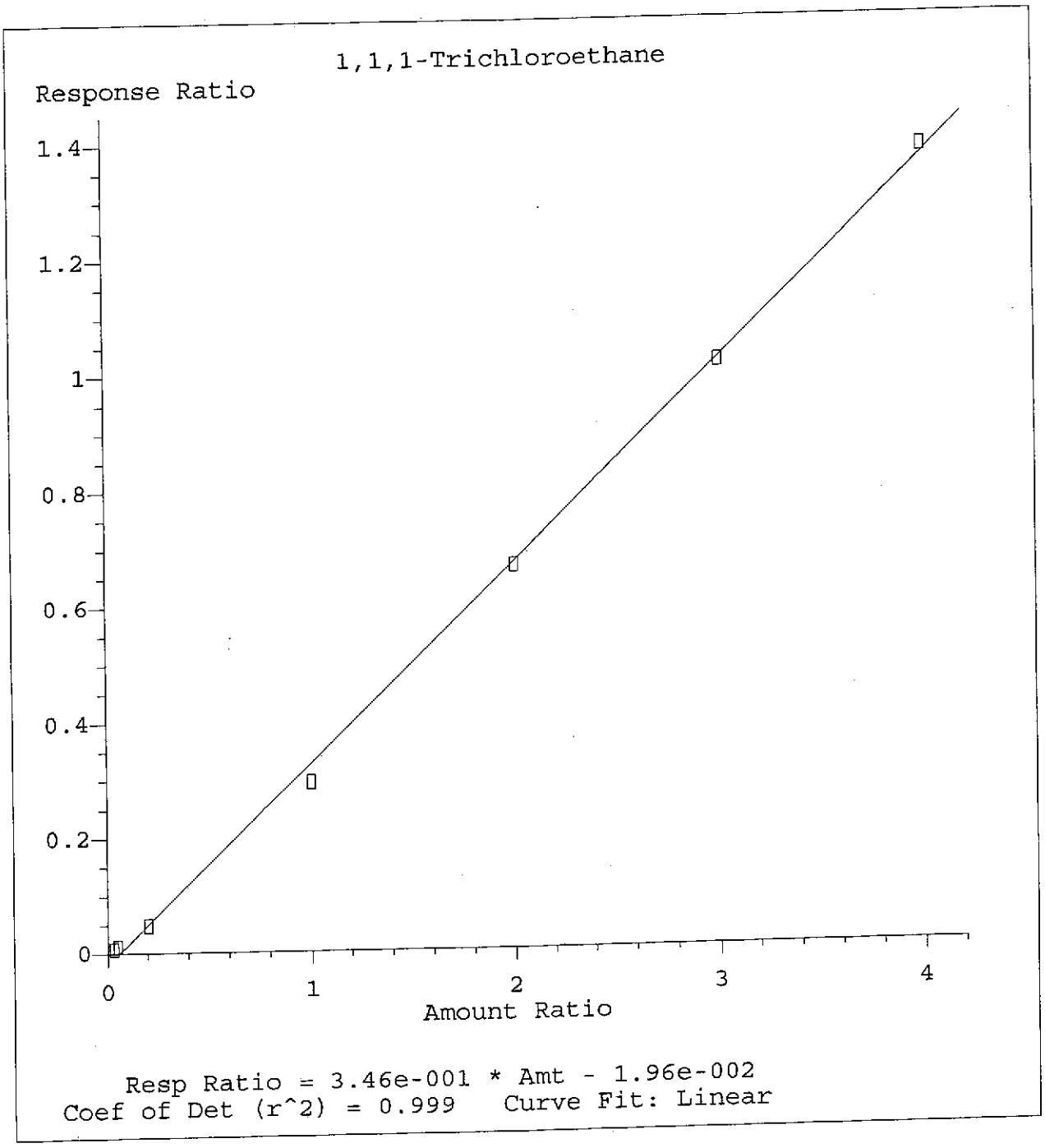
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Calibration Table Last Updated: Mon Jun 04 07:00:38 2007



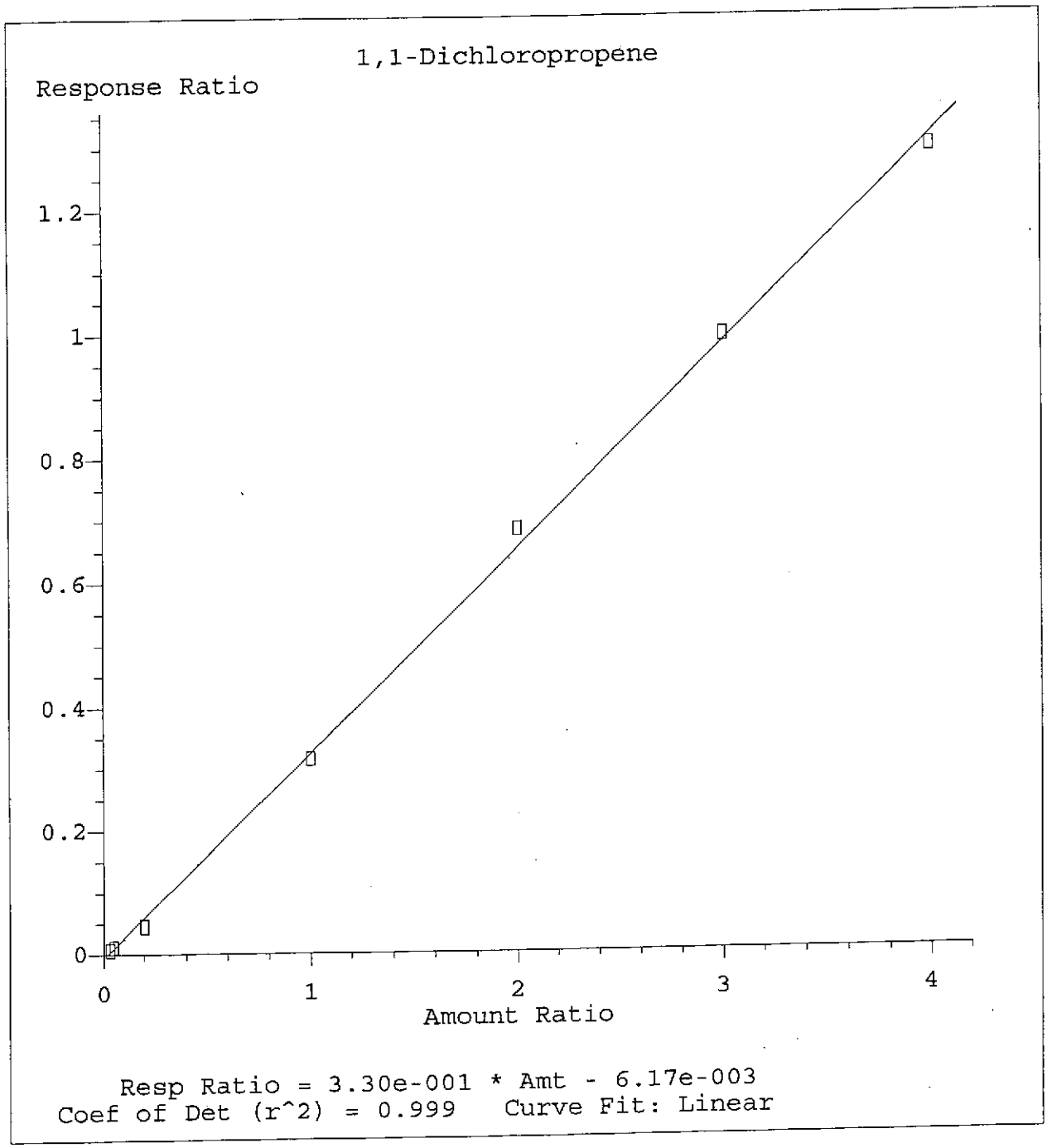
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:01:16 2007



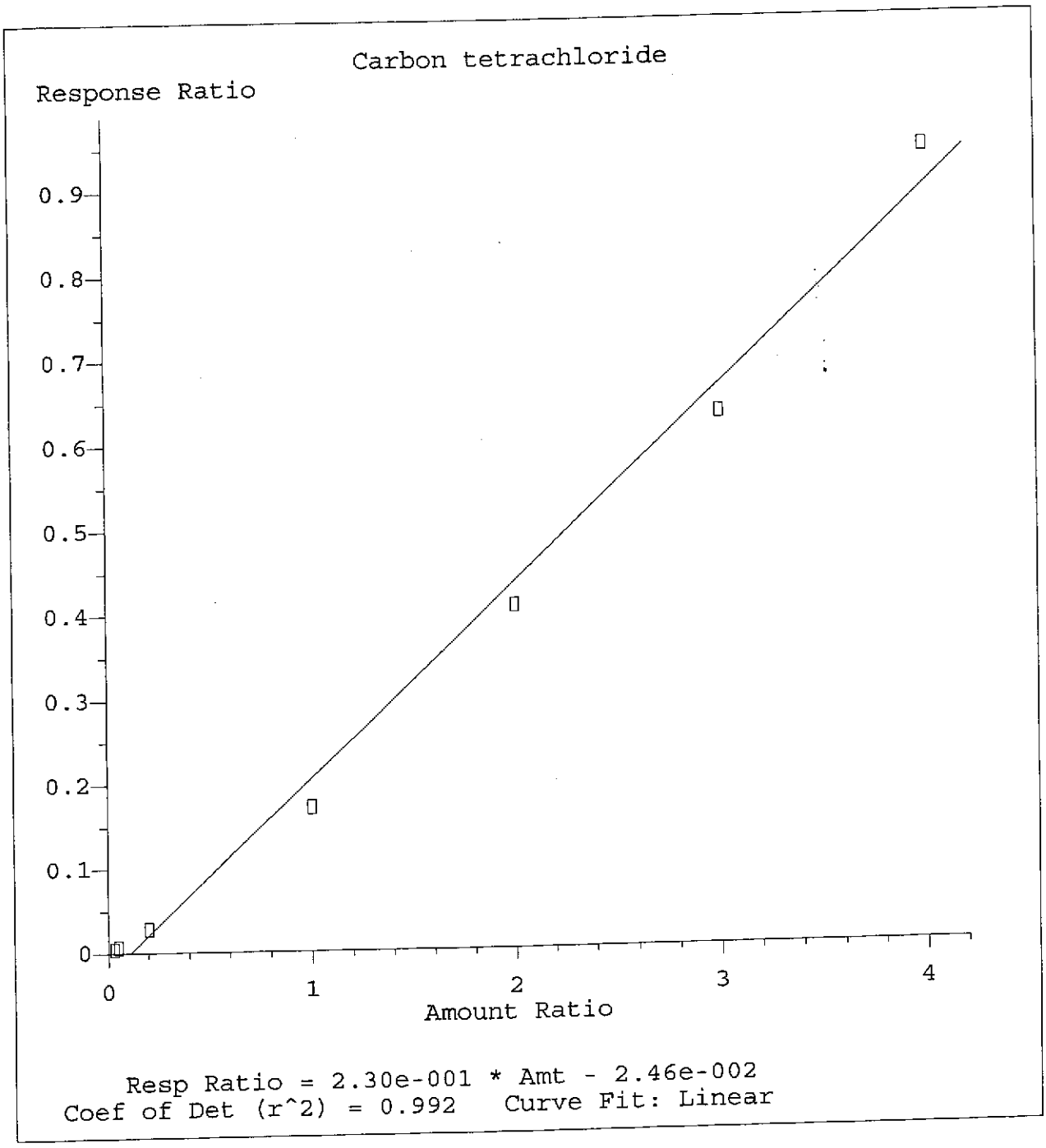
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Calibration Table Last Updated: Mon Jun 04 07:01:34 2007



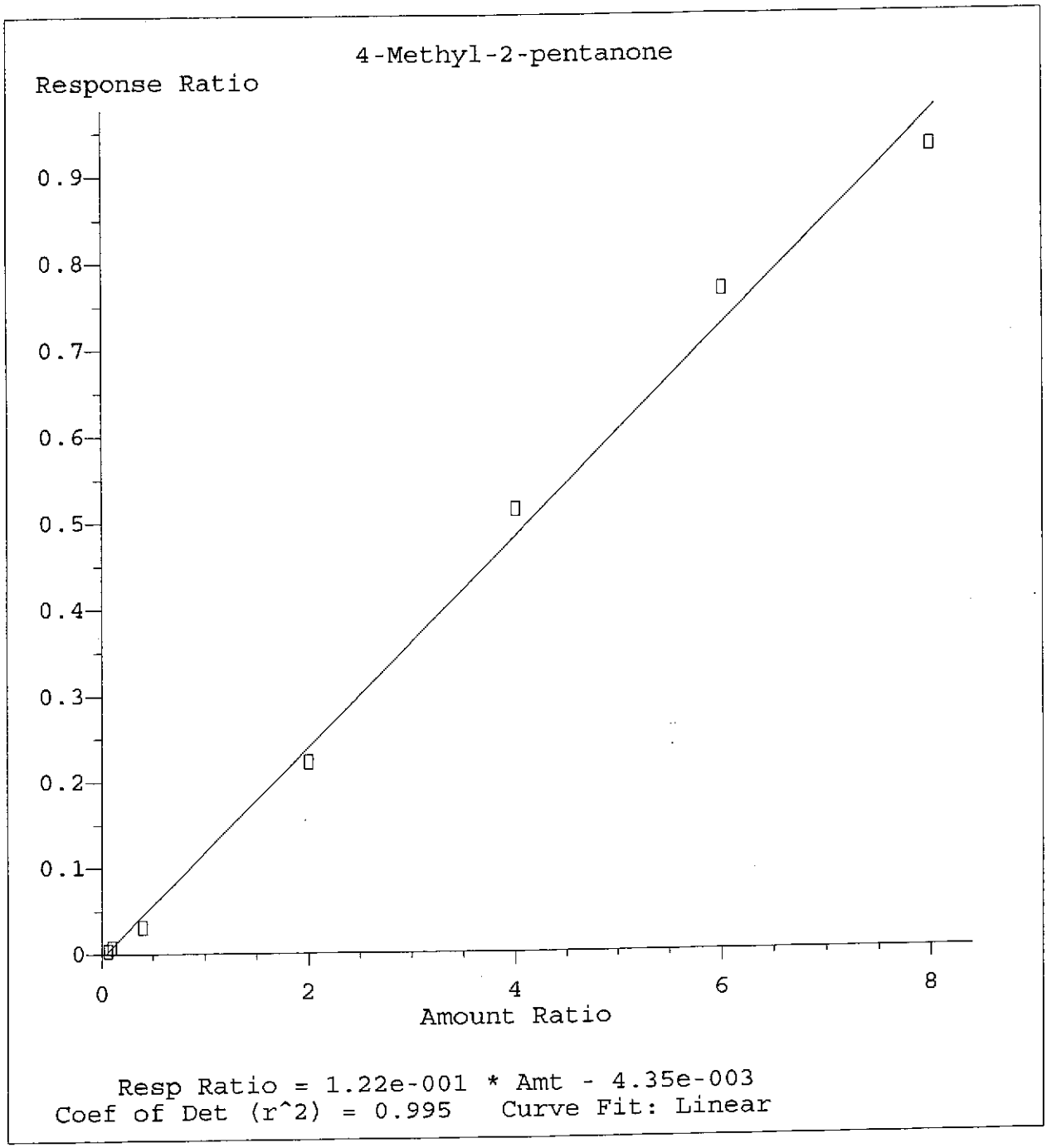
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:02:13 2007



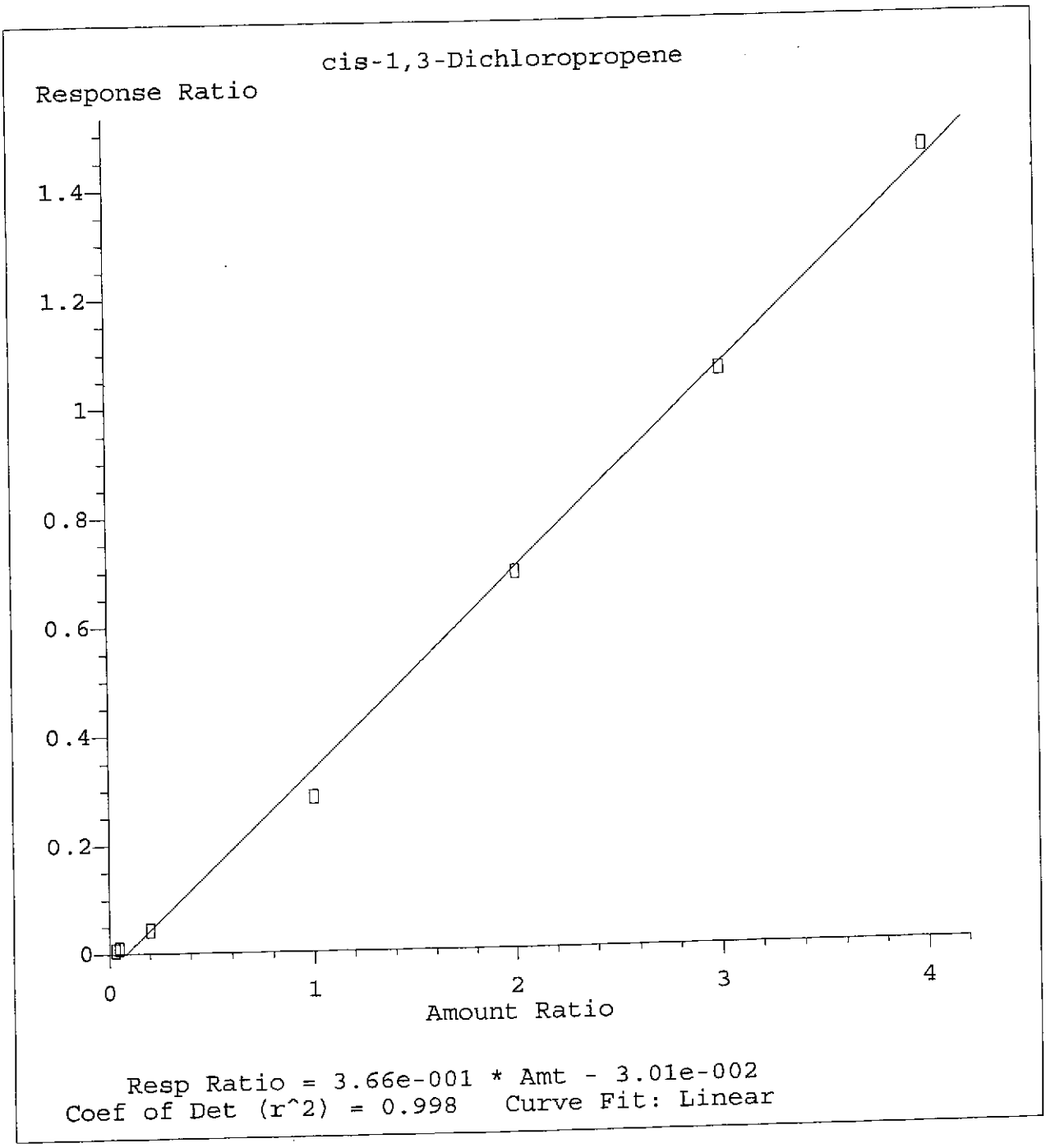
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:02:29 2007



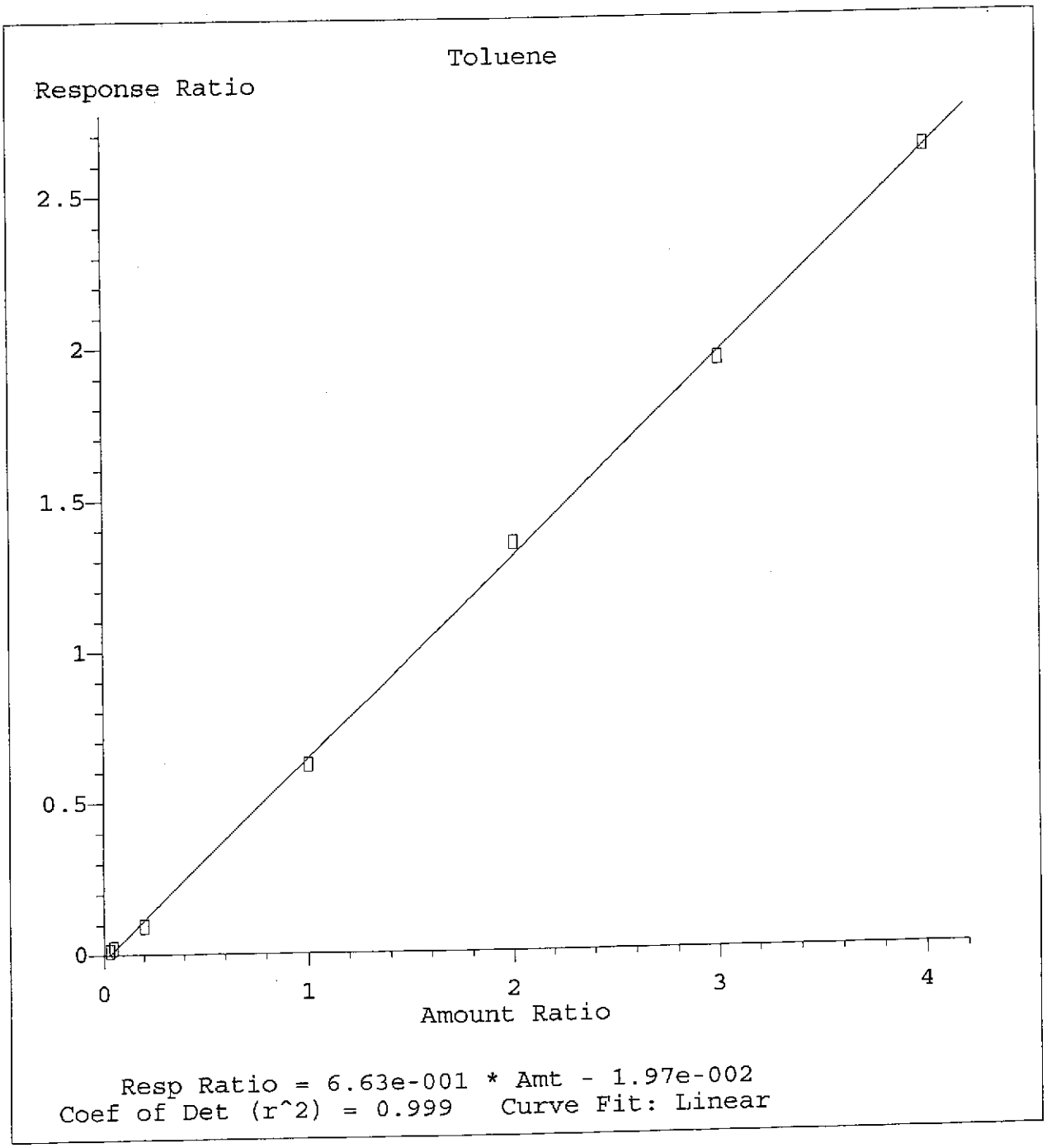
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:02:50 2007



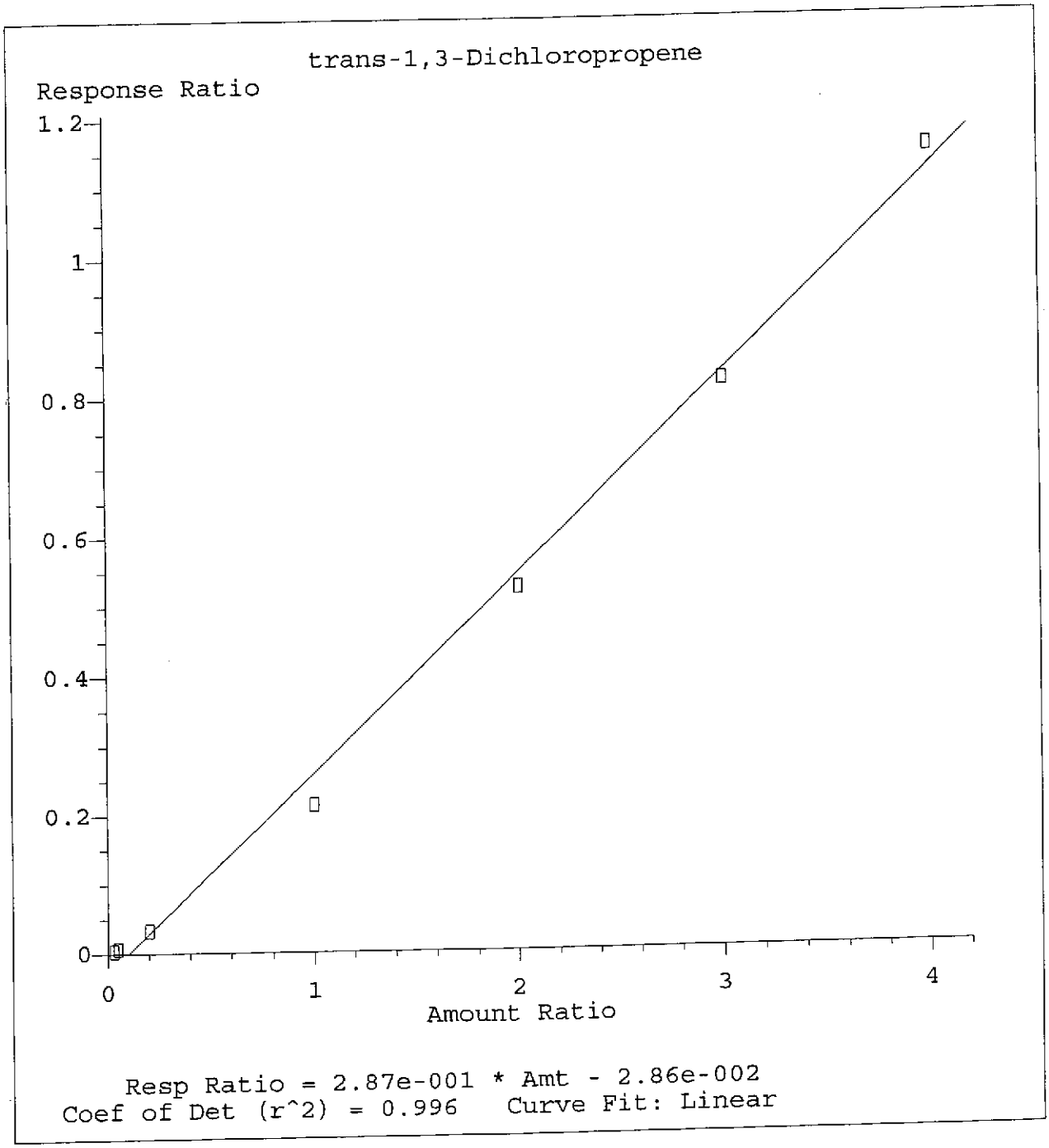
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:09:18 2007



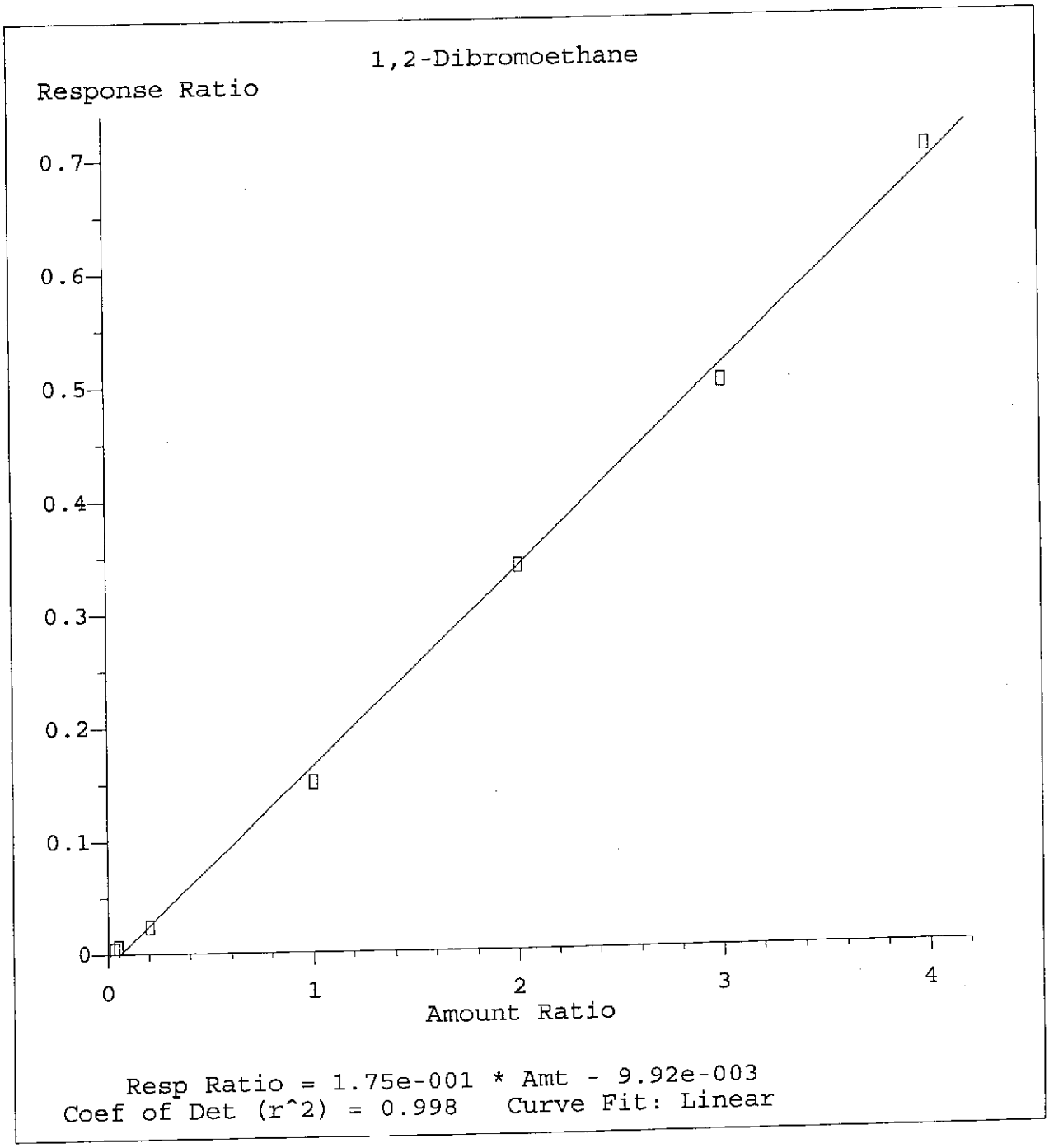
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Calibration Table Last Updated: Mon Jun 04 07:09:55 2007



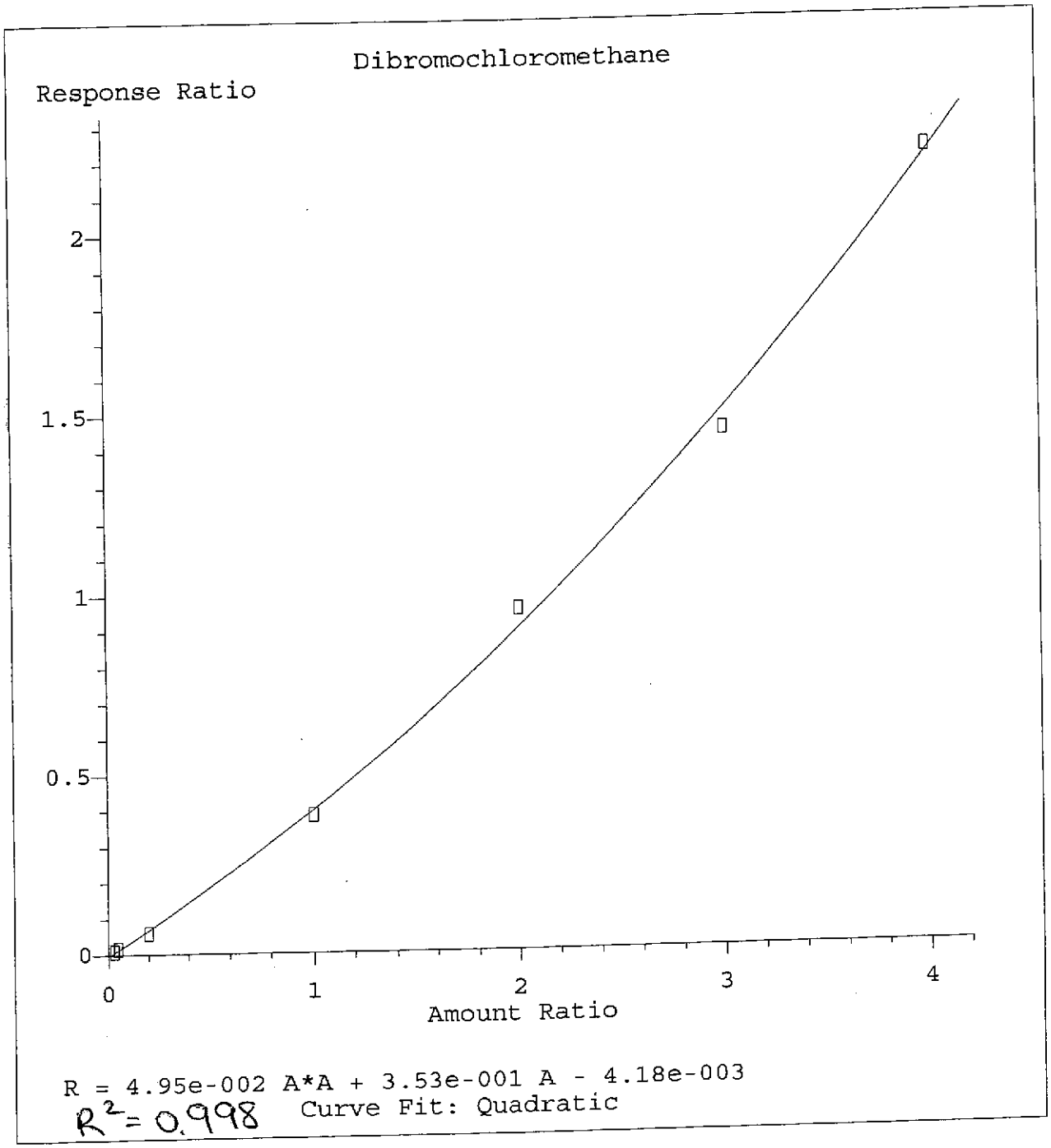
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:10:31 2007



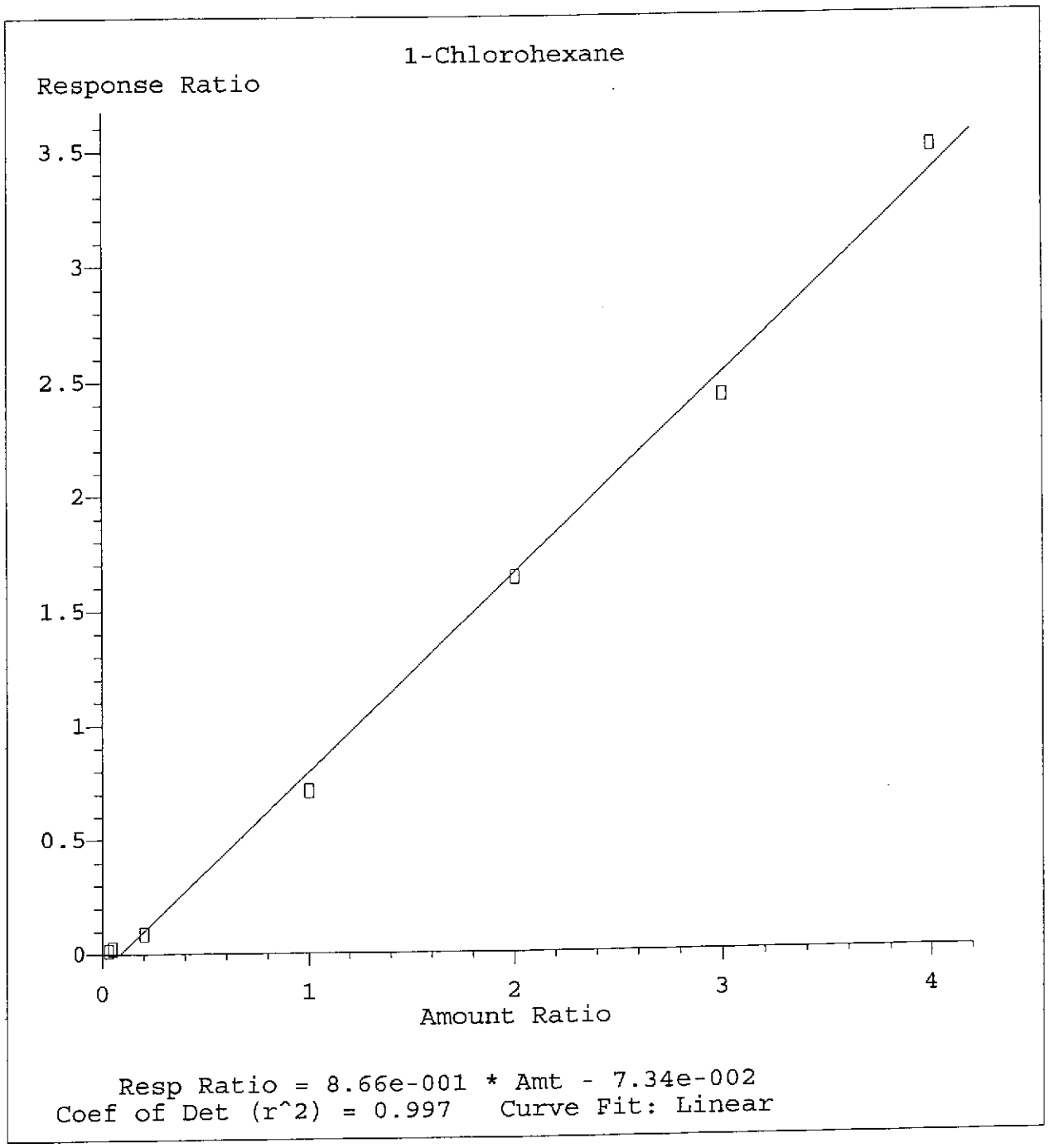
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Calibration Table Last Updated: Mon Jun 04 07:10:51 2007



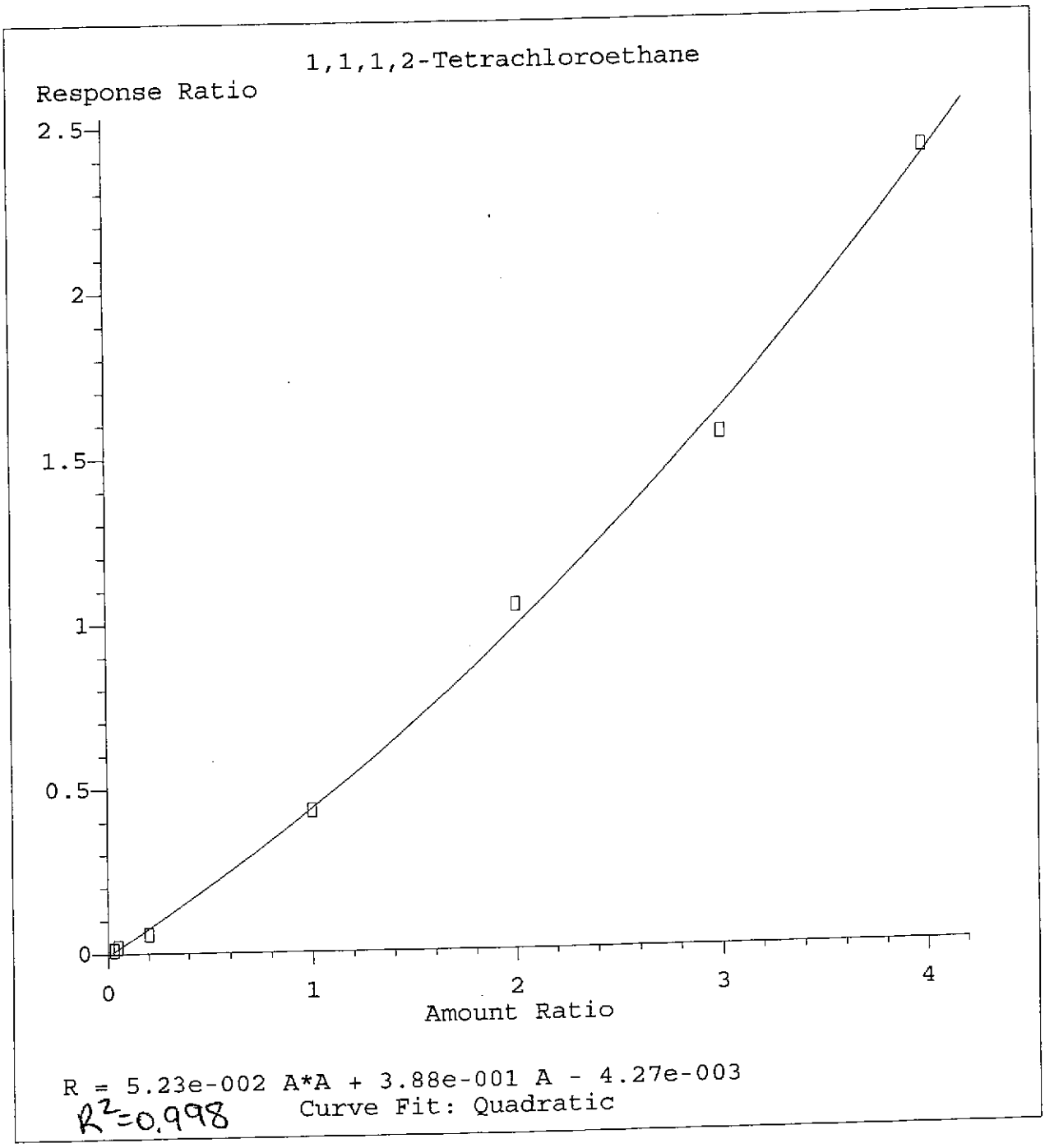
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:11:59 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:12:16 2007

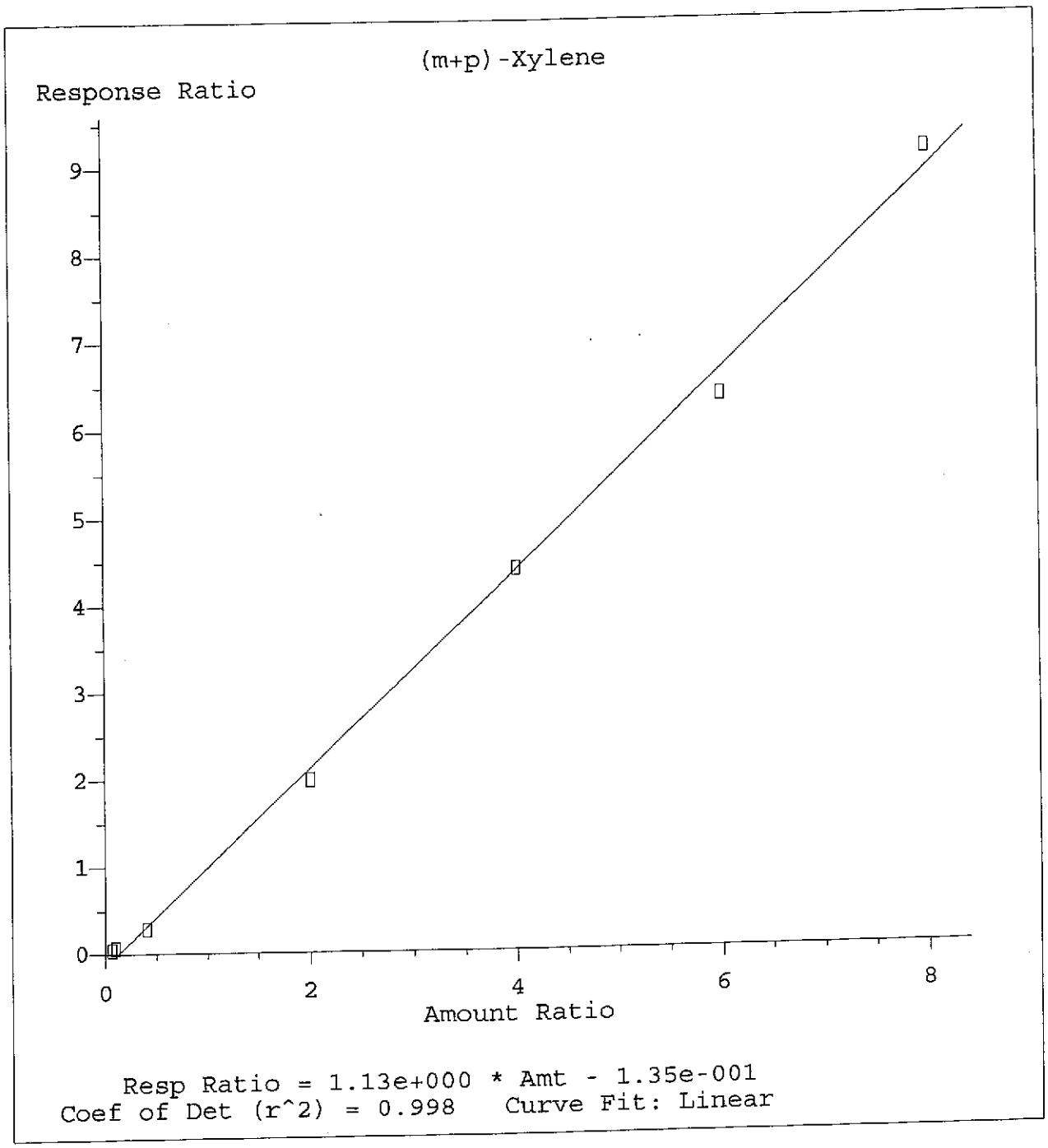


Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:12:45 2007

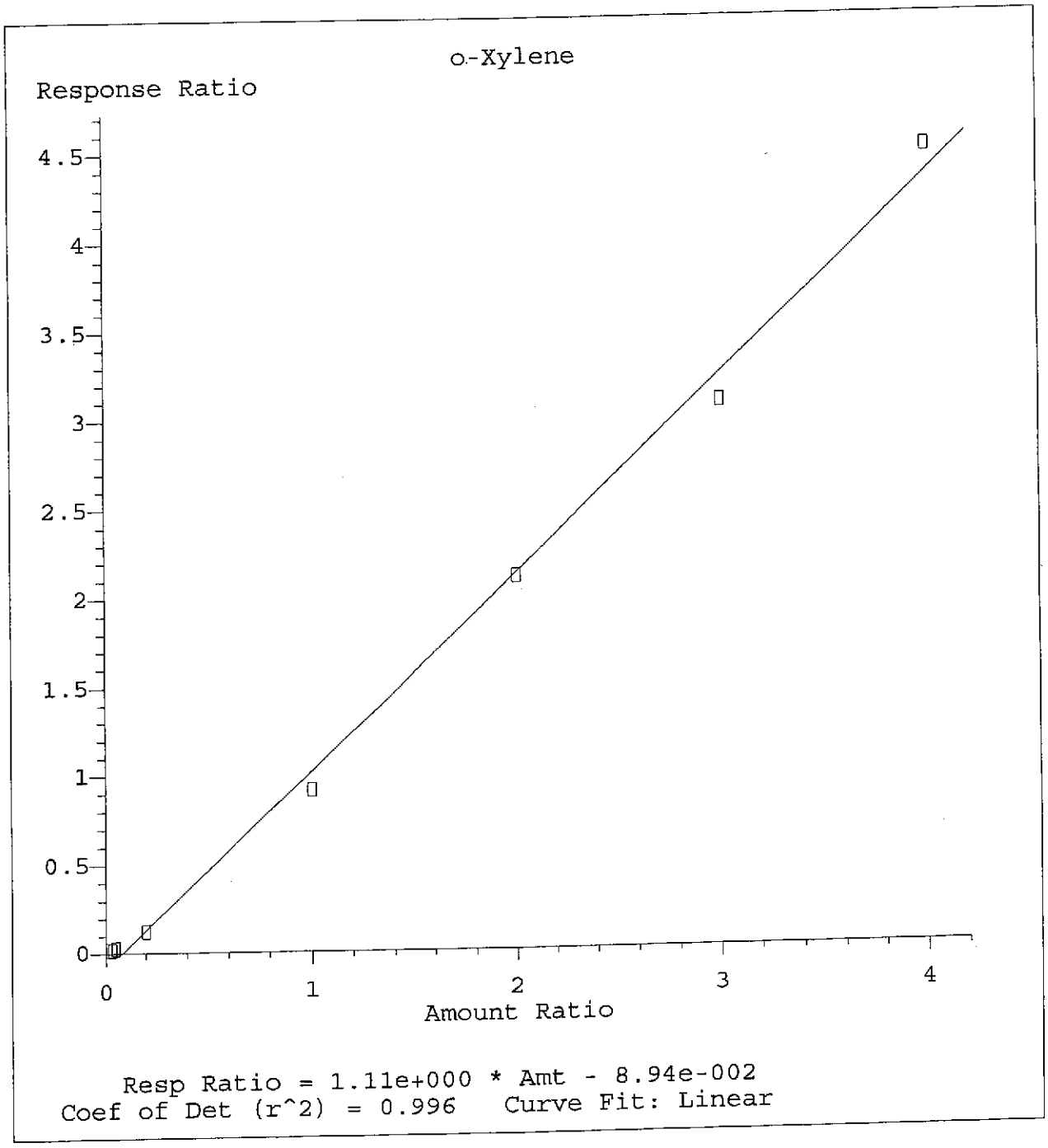


$R^2 = 0.998$

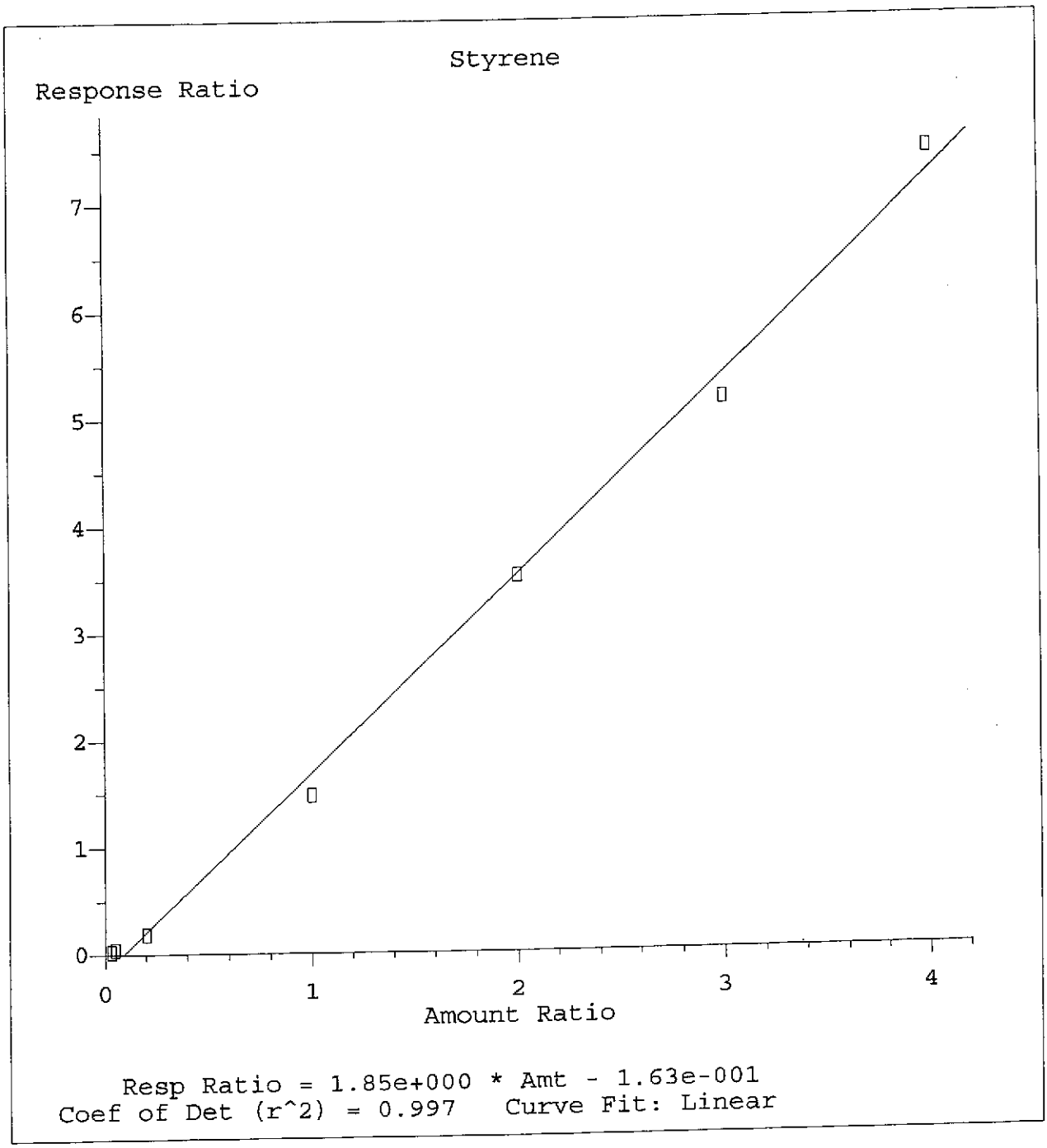
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:13:42 2007



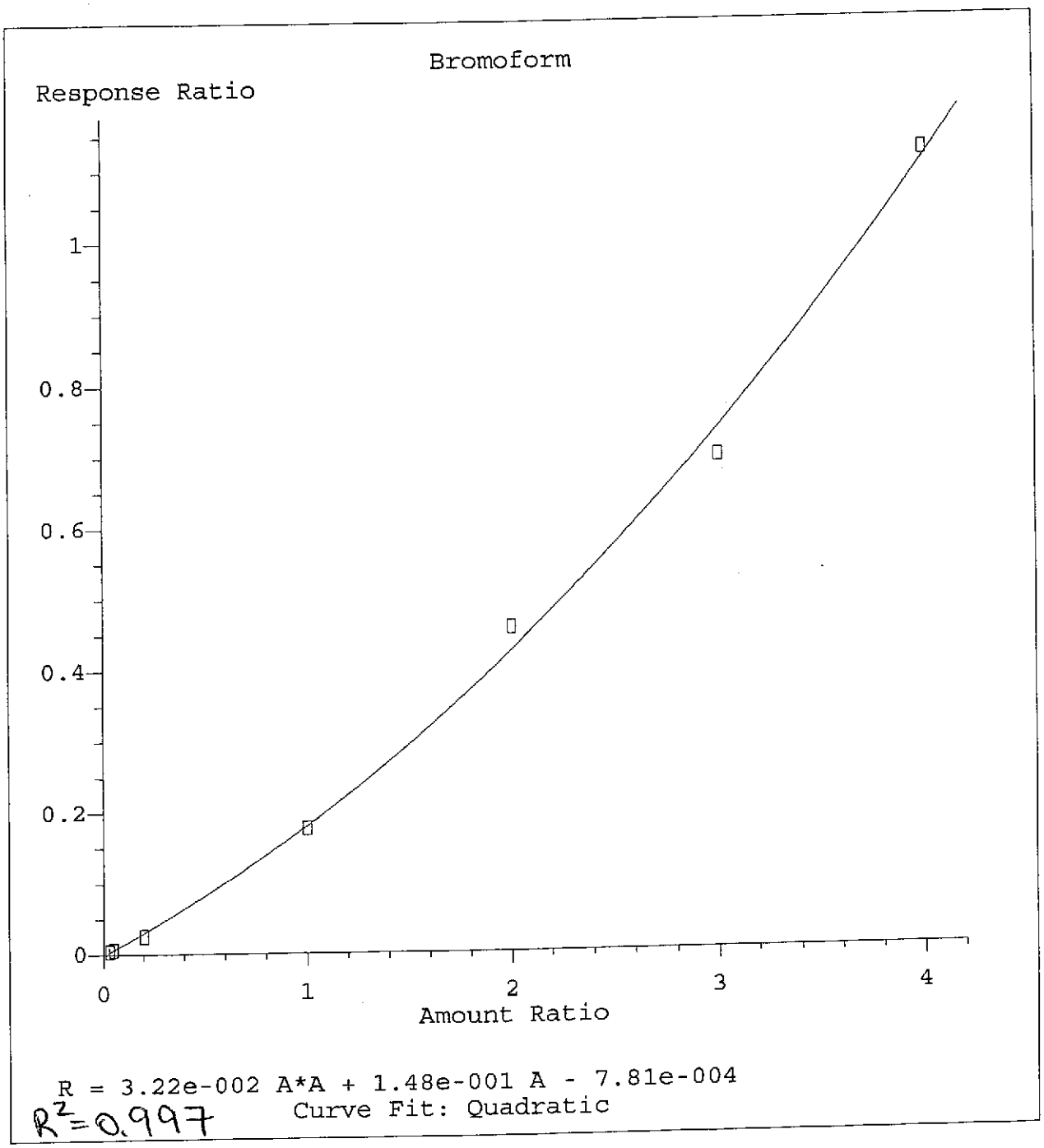
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:14:12 2007



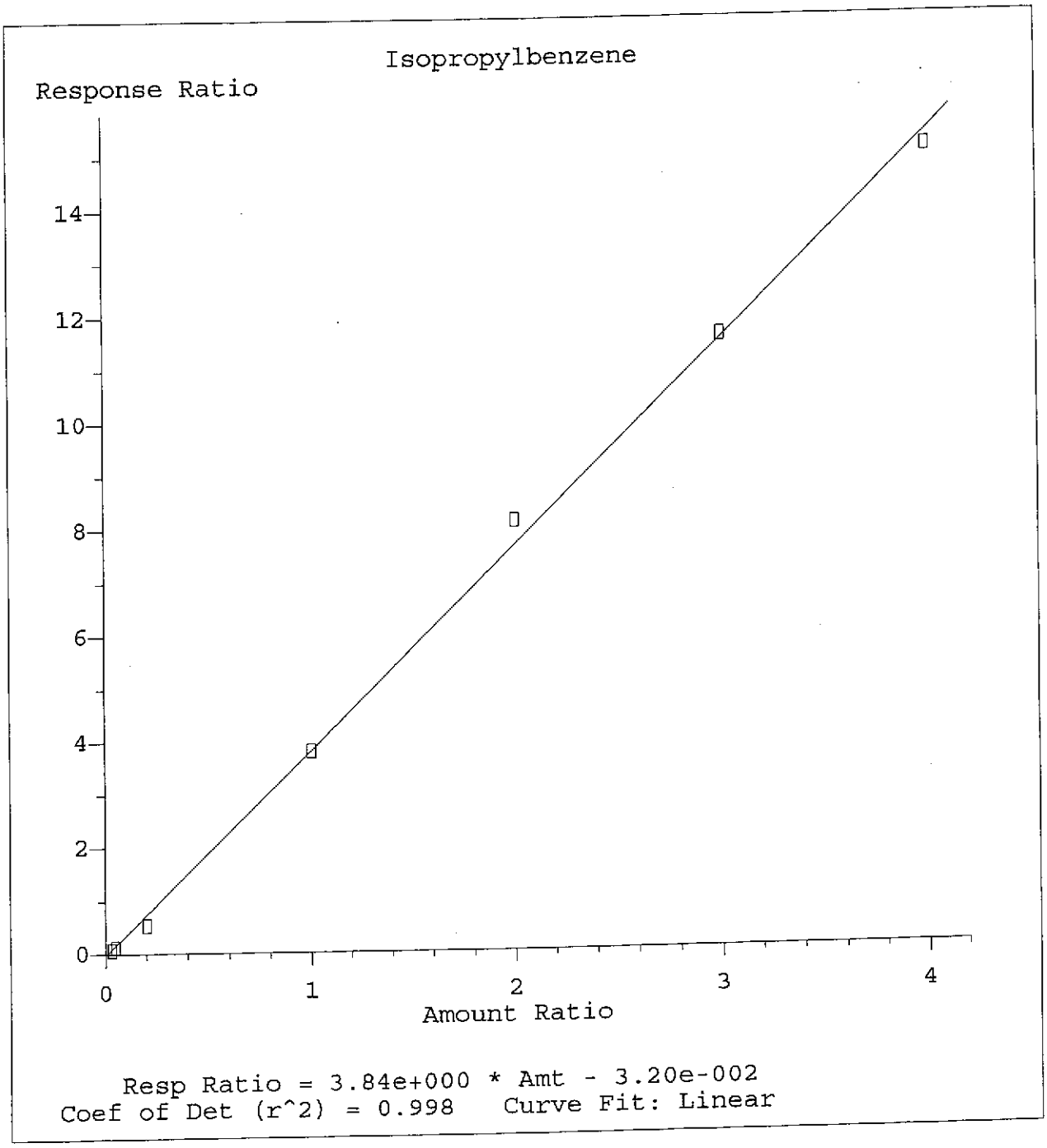
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:14:43 2007



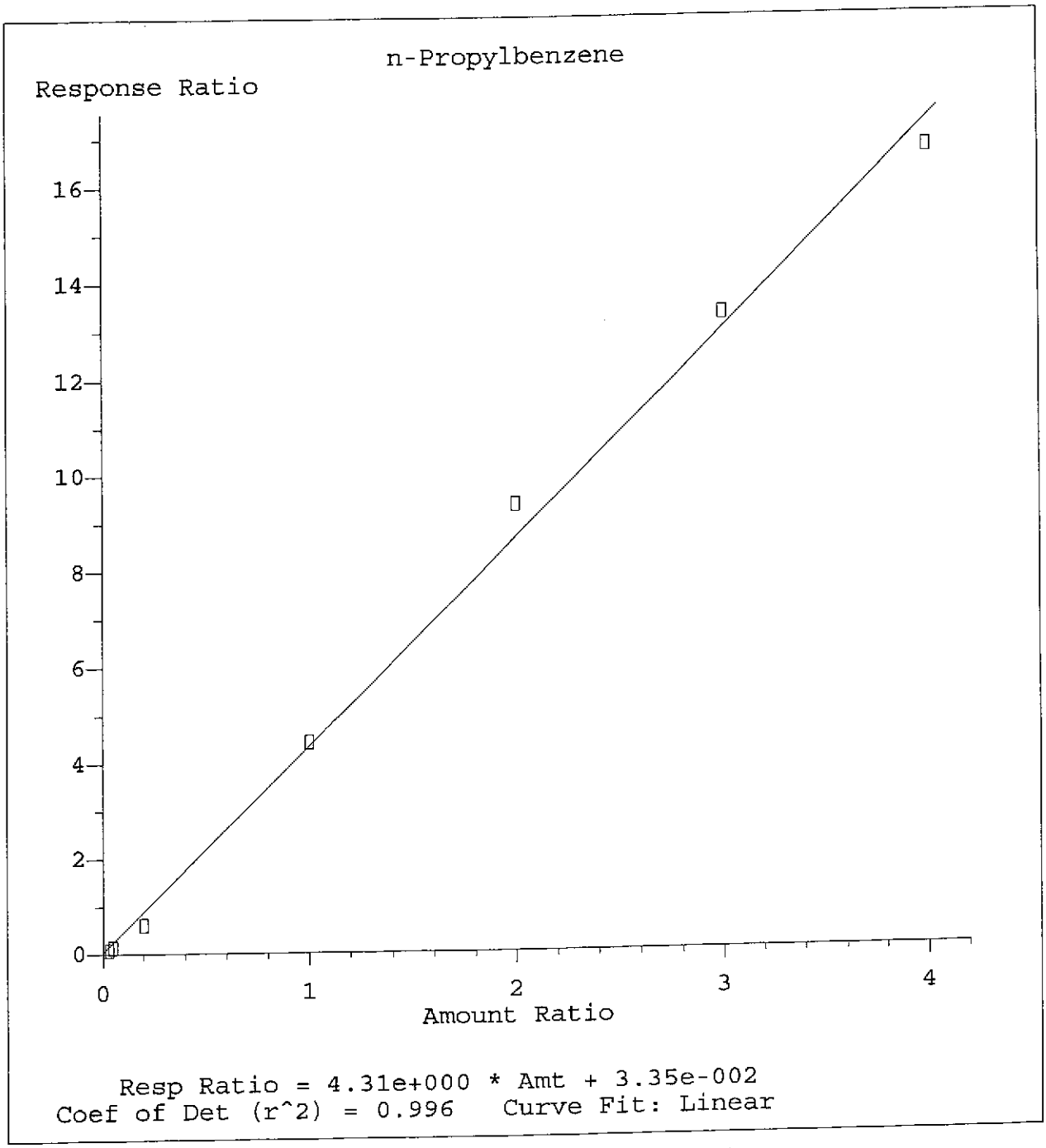
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:15:01 2007



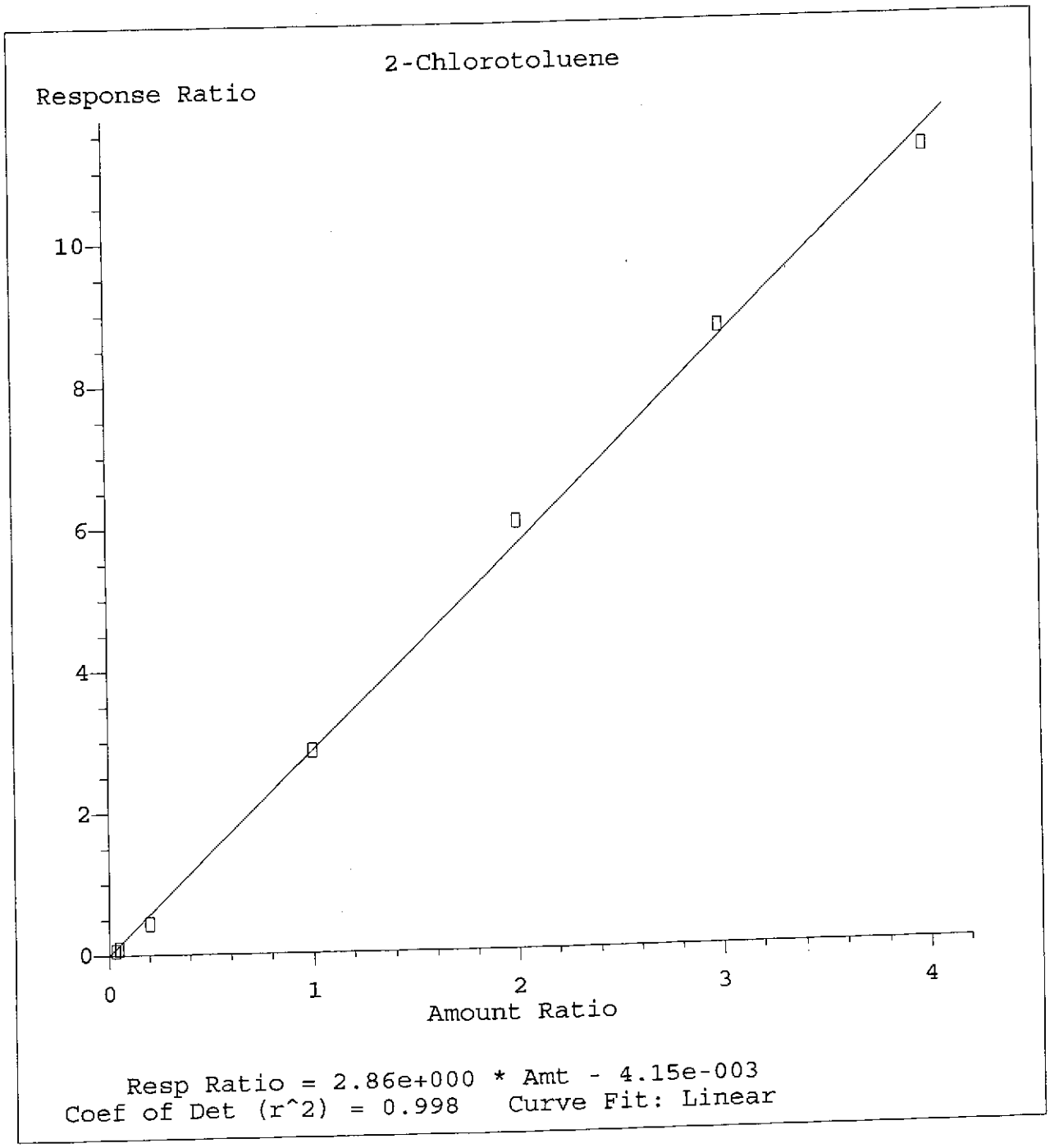
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:15:16 2007



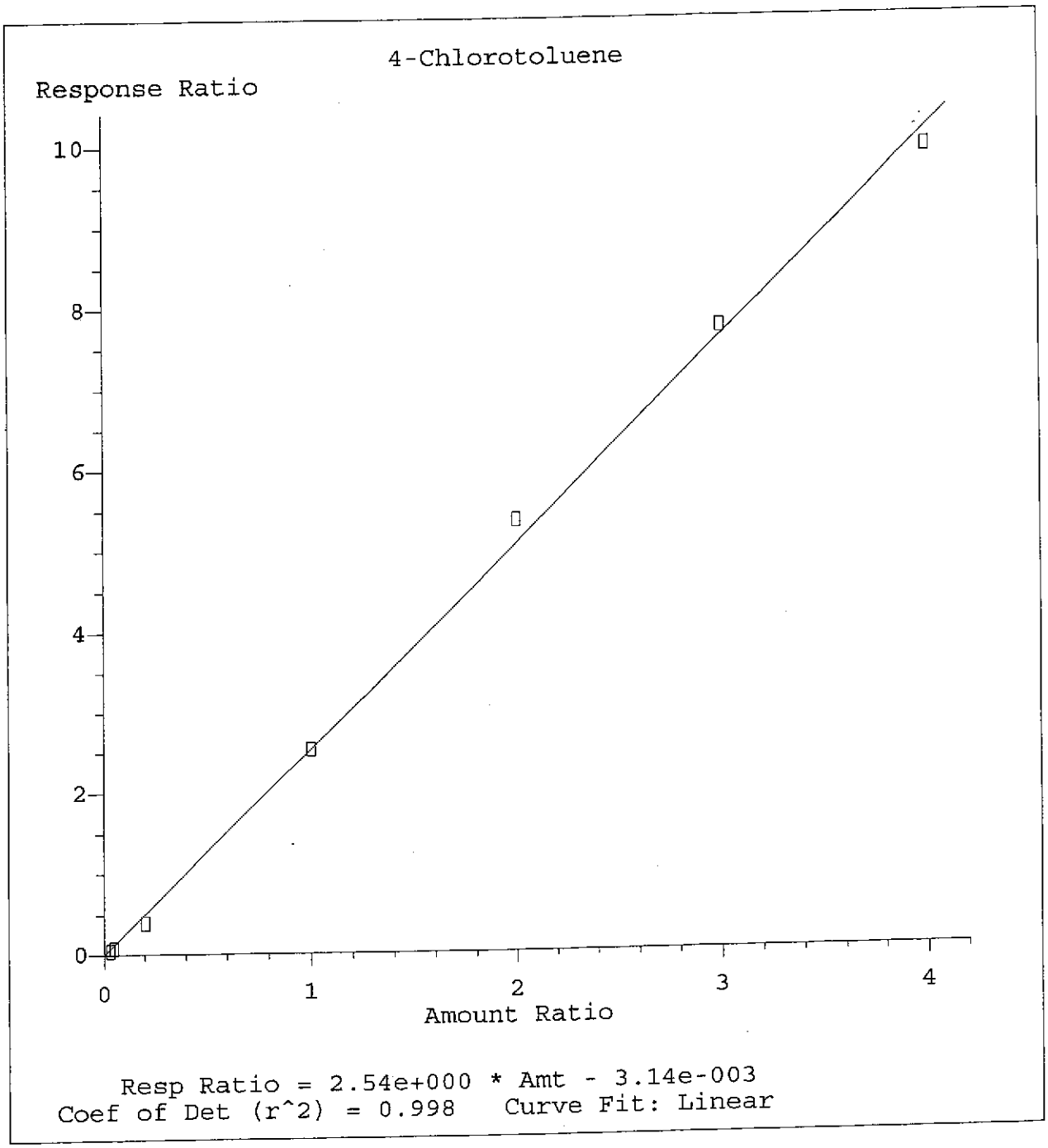
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:21 2007



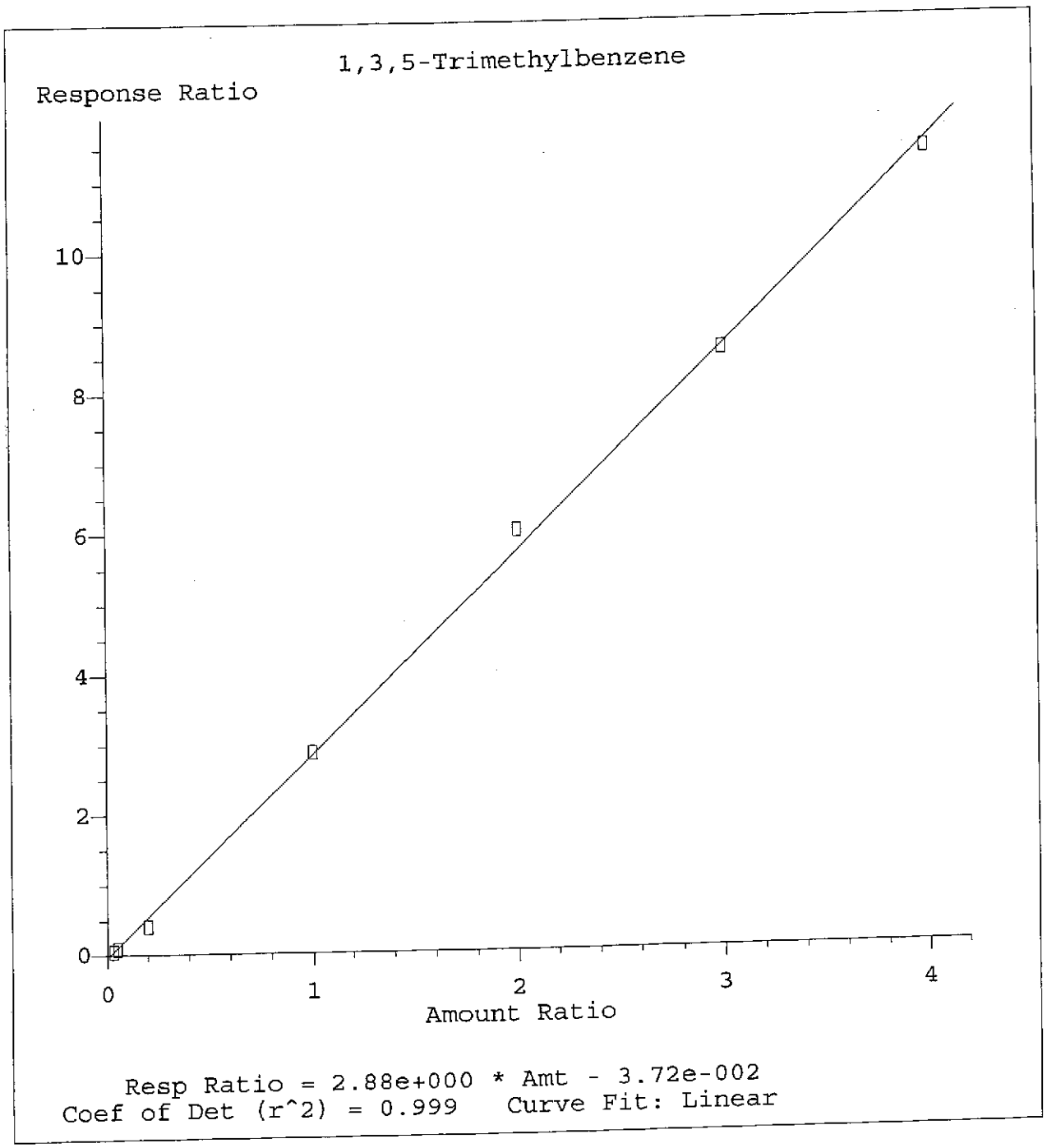
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:39 2007



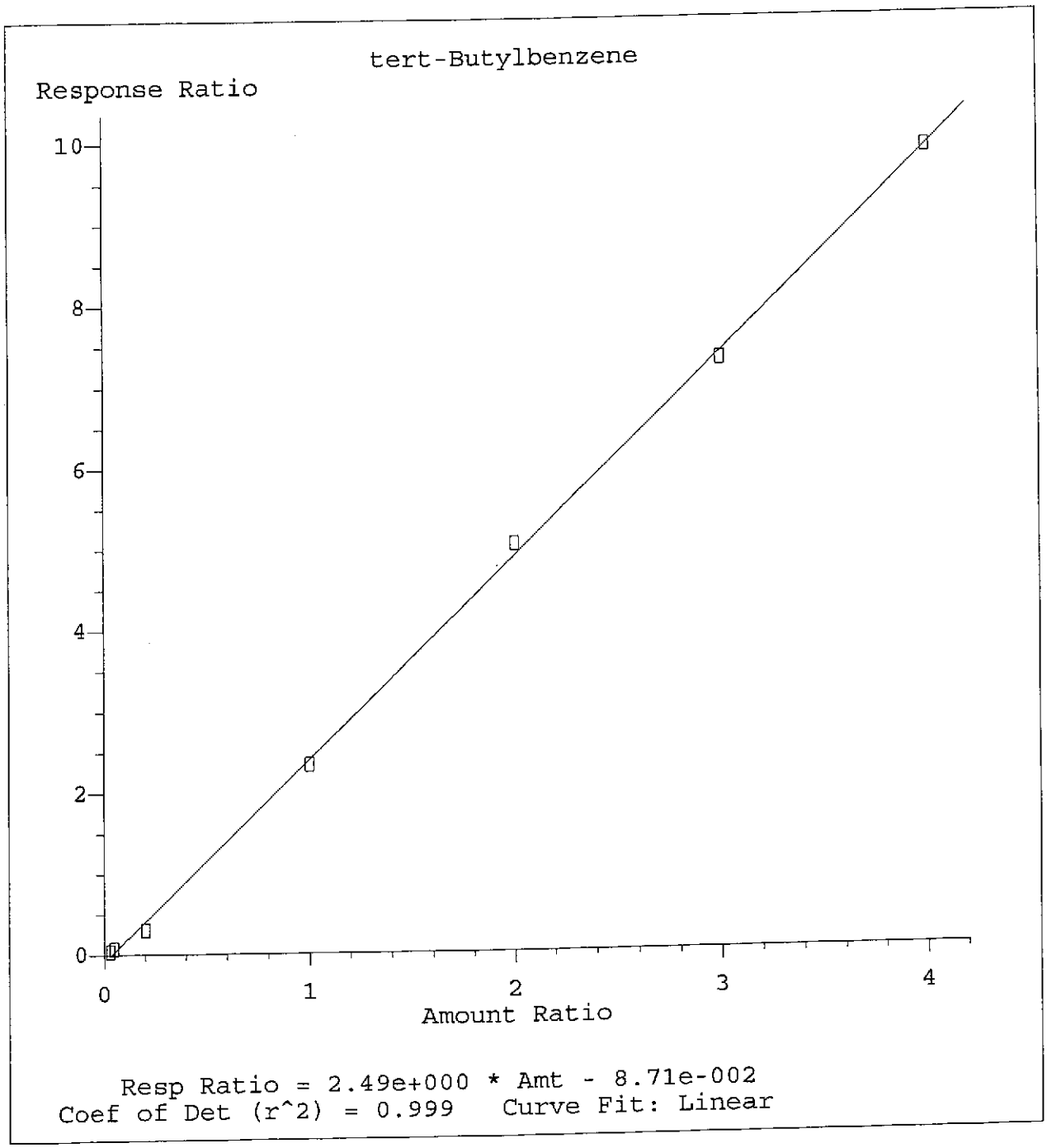
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:57 2007



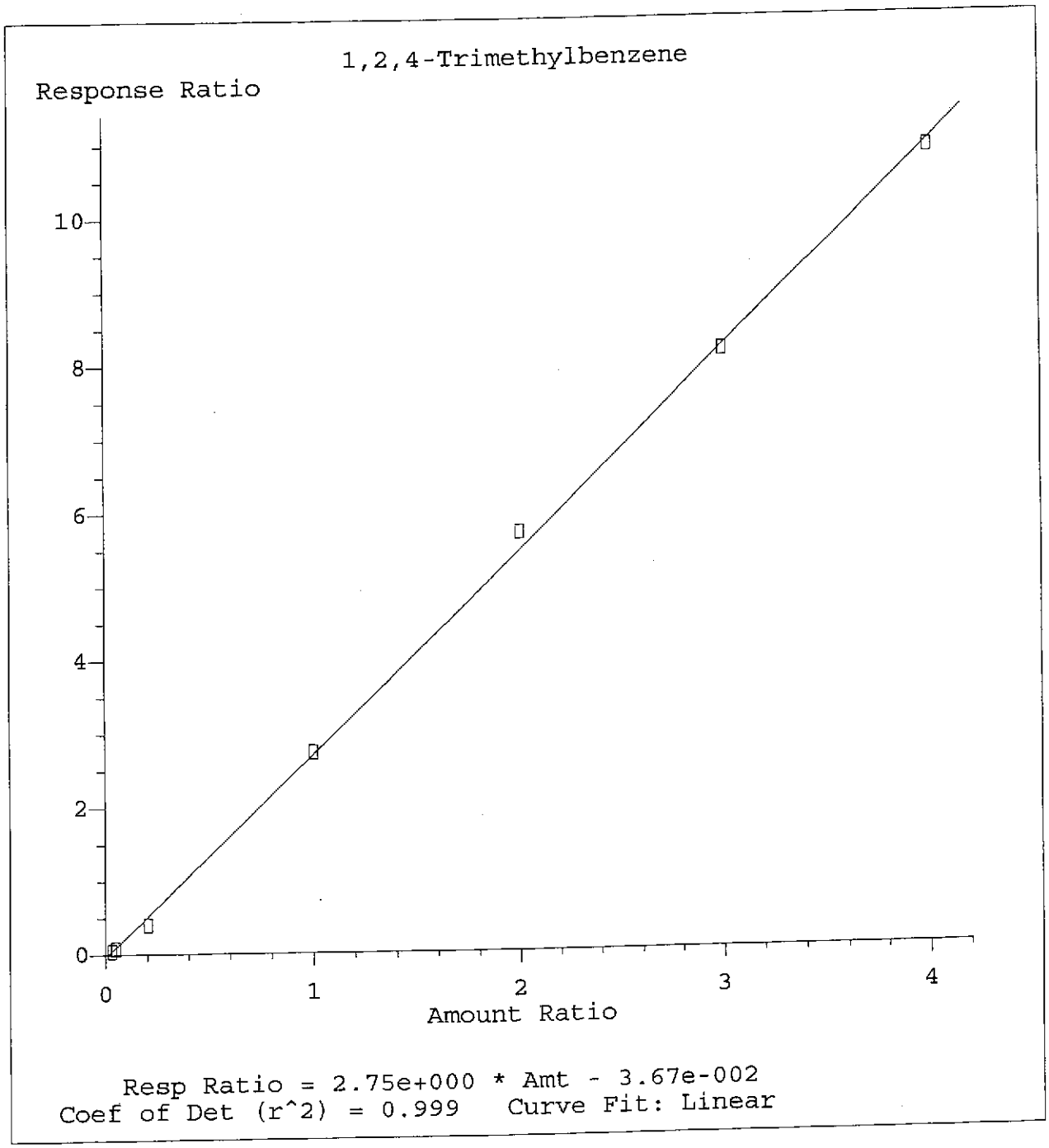
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:16 2007



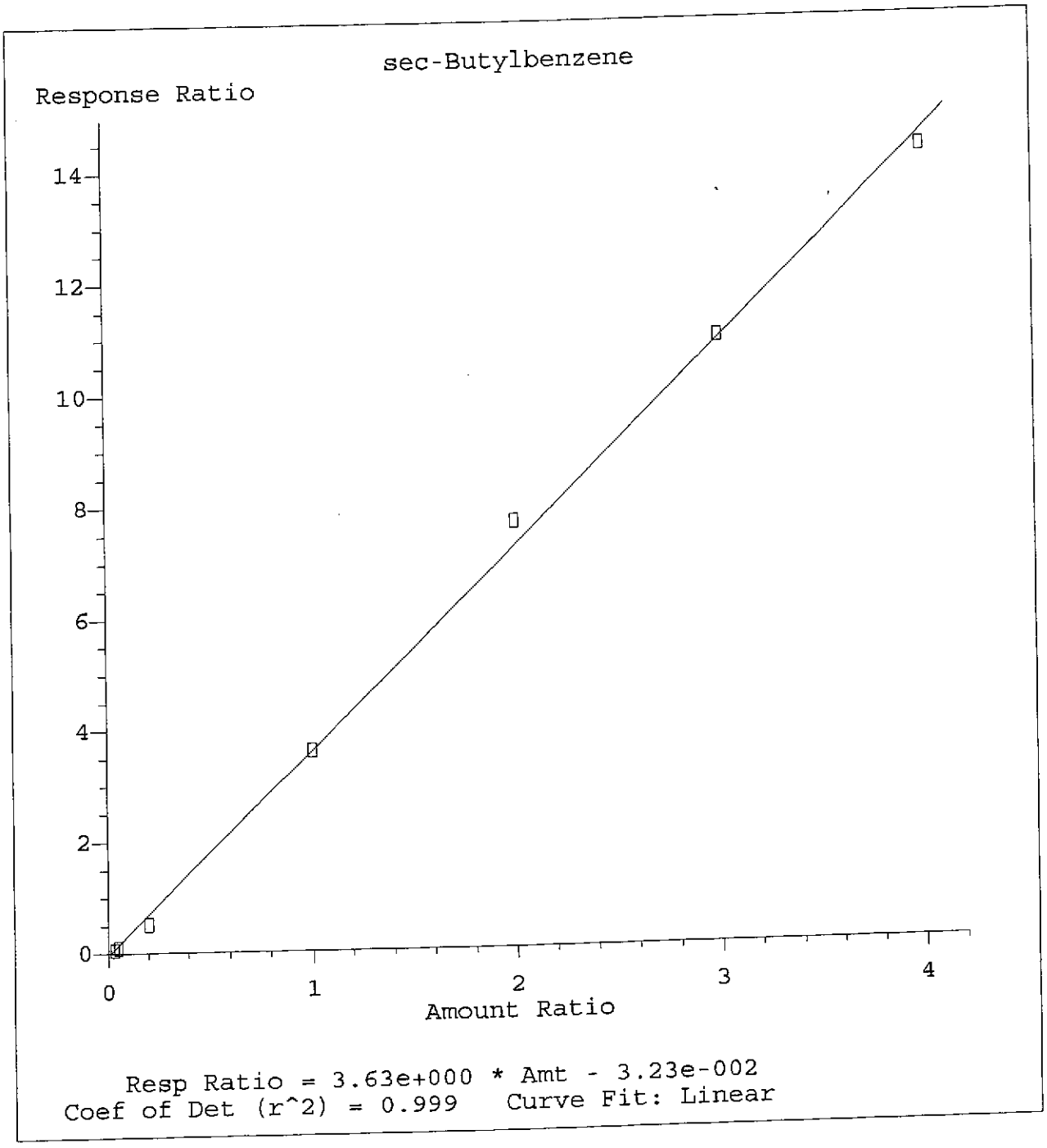
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:31 2007



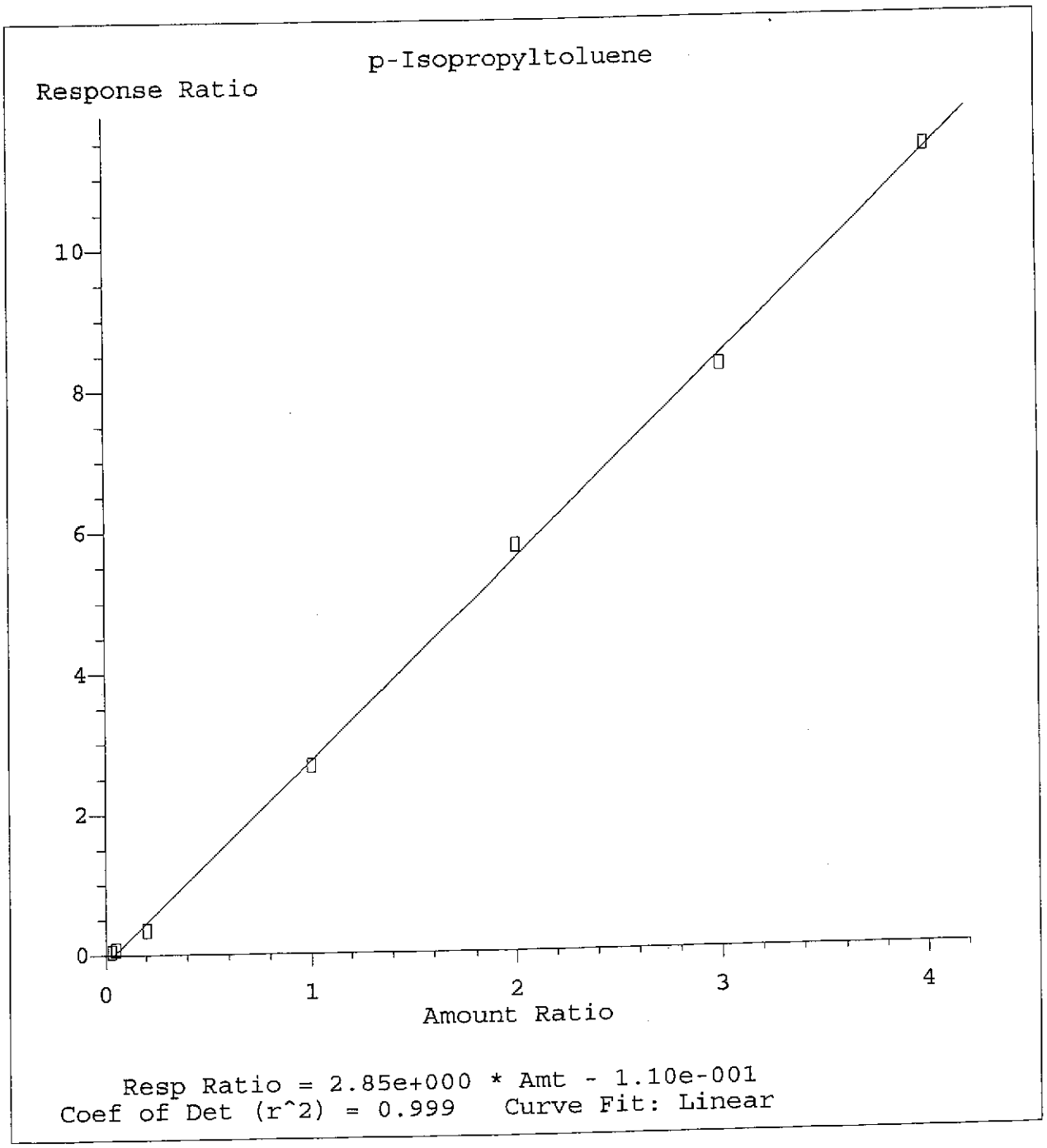
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:46 2007



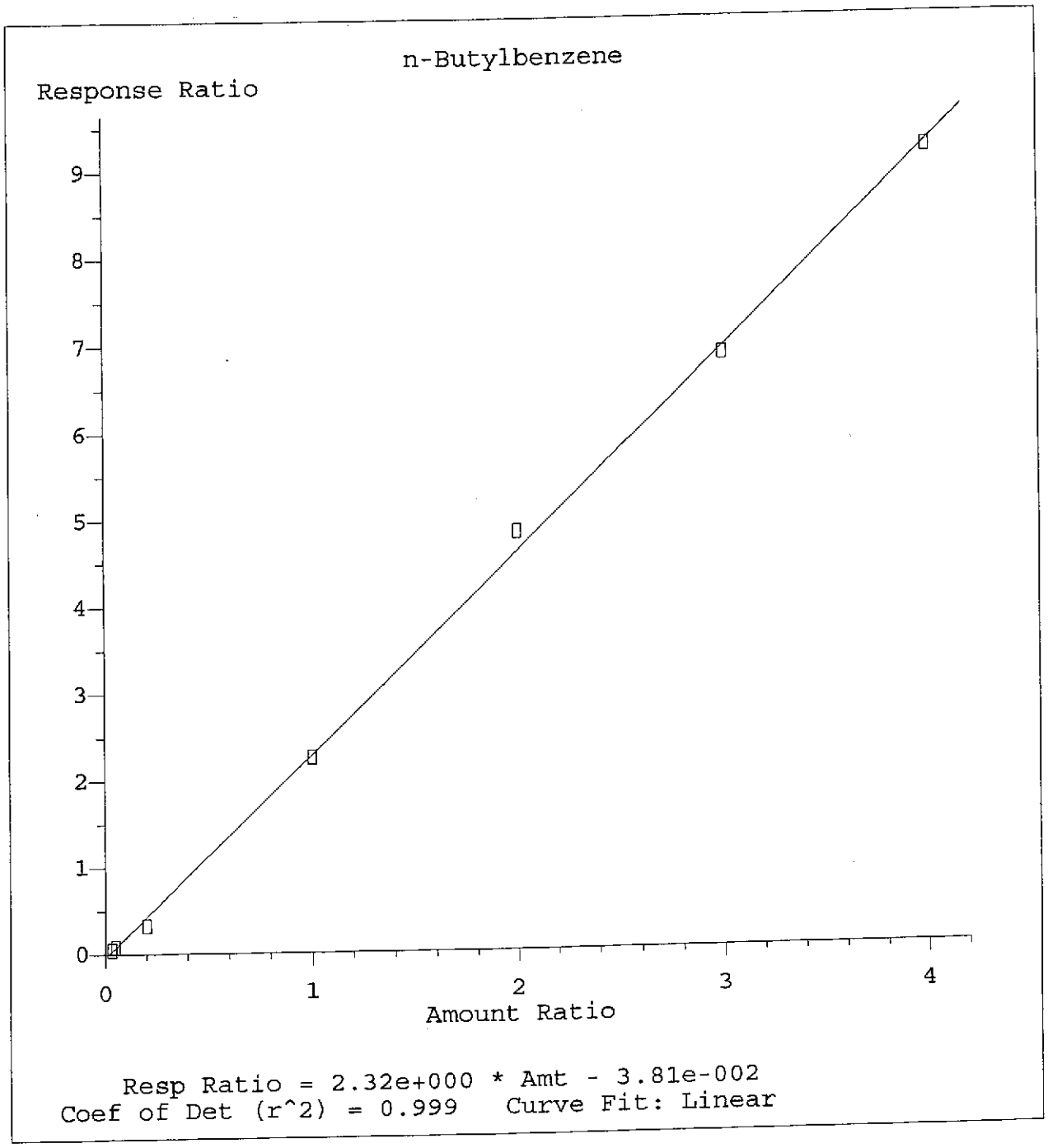
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:02 2007



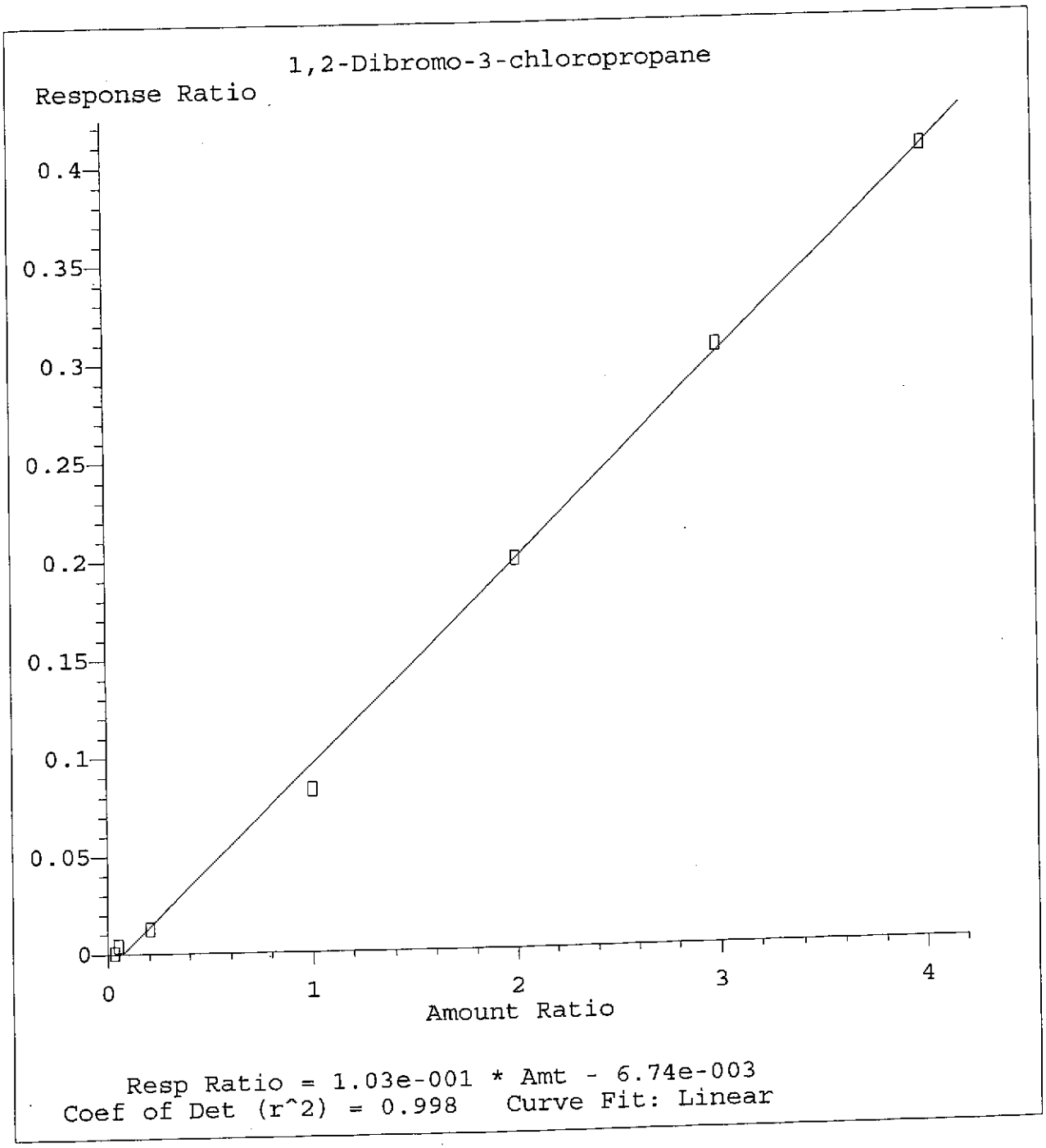
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:16 2007



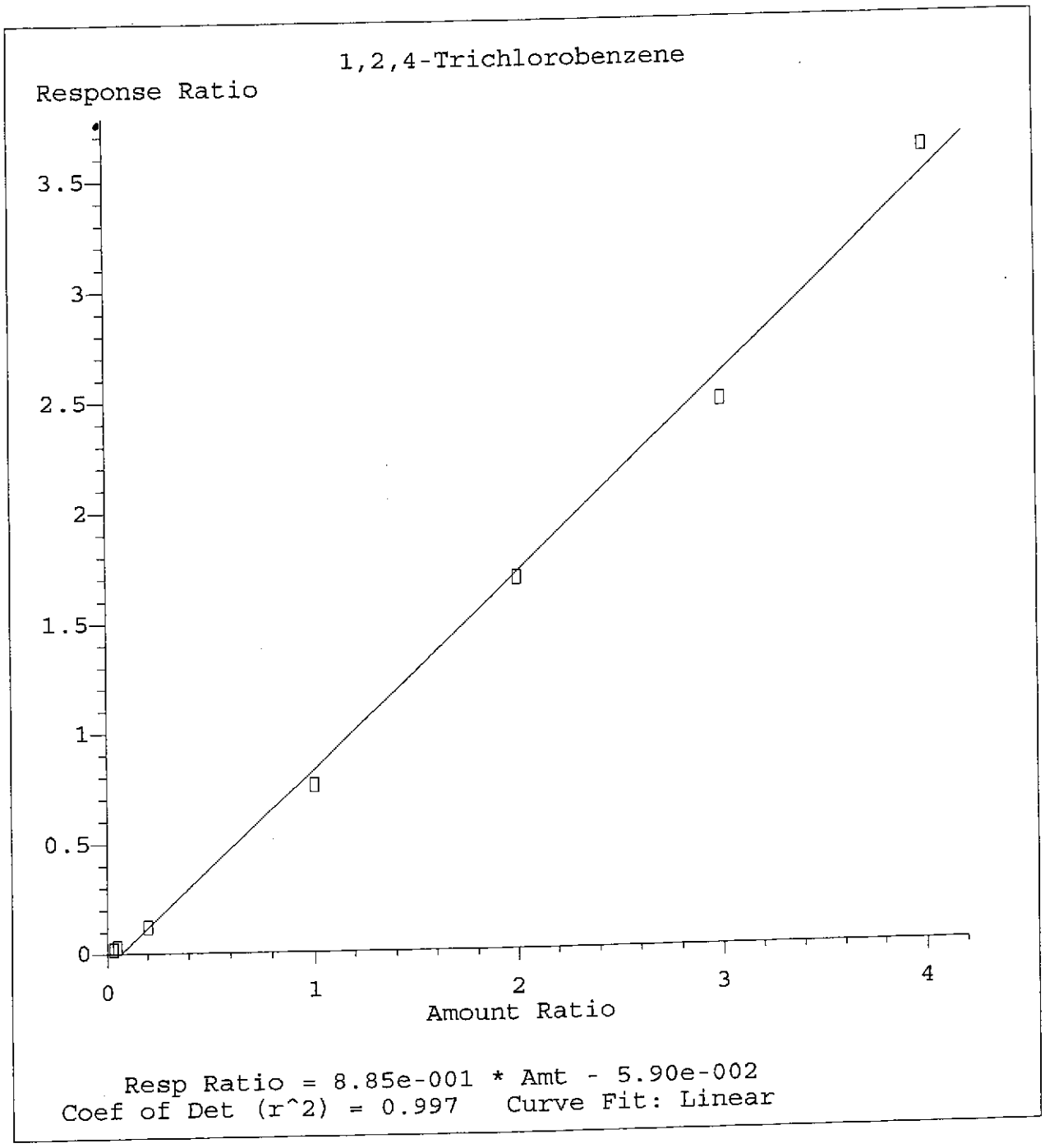
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Calibration Table Last Updated: Mon Jun 04 07:18:33 2007



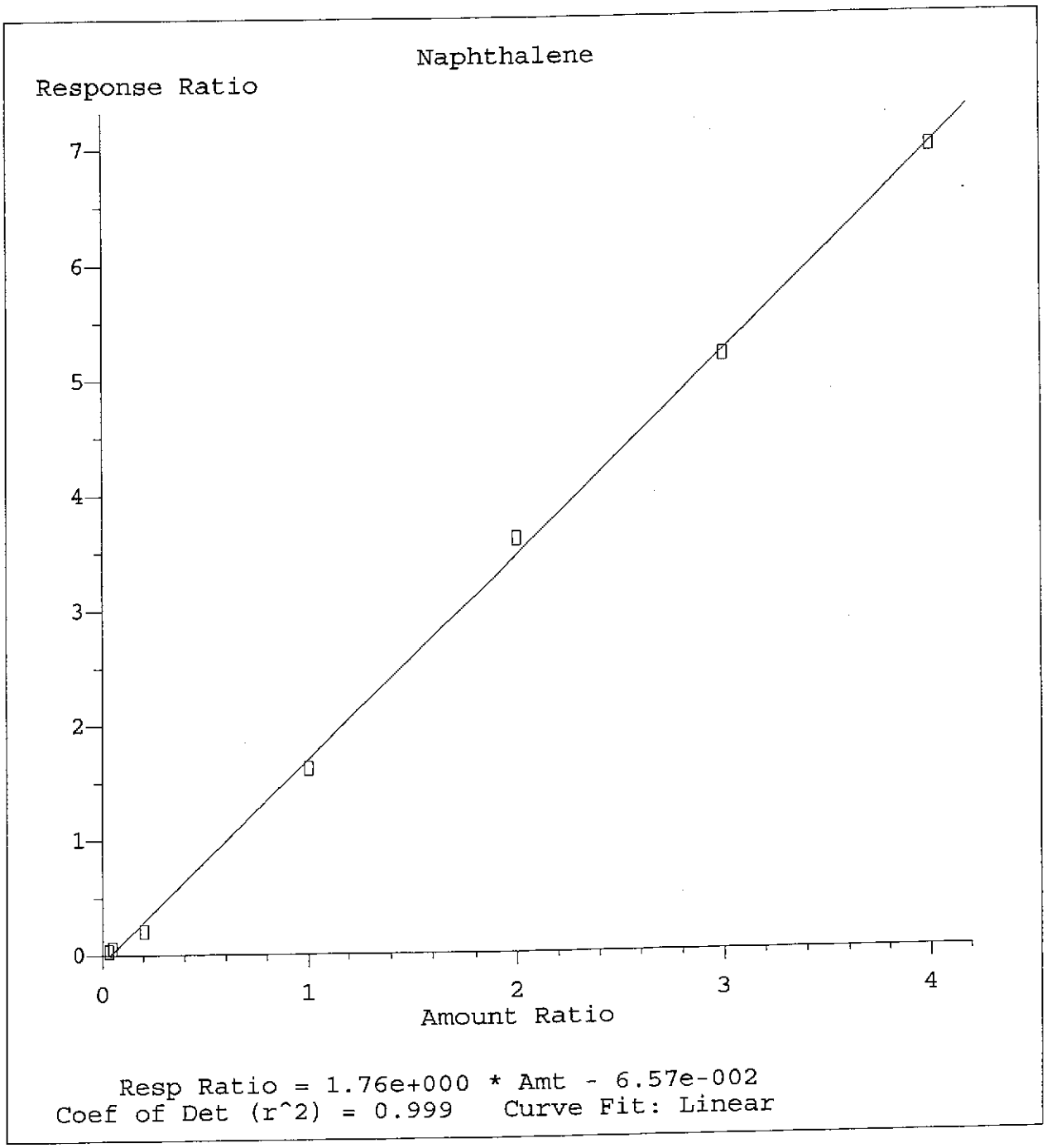
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:48 2007



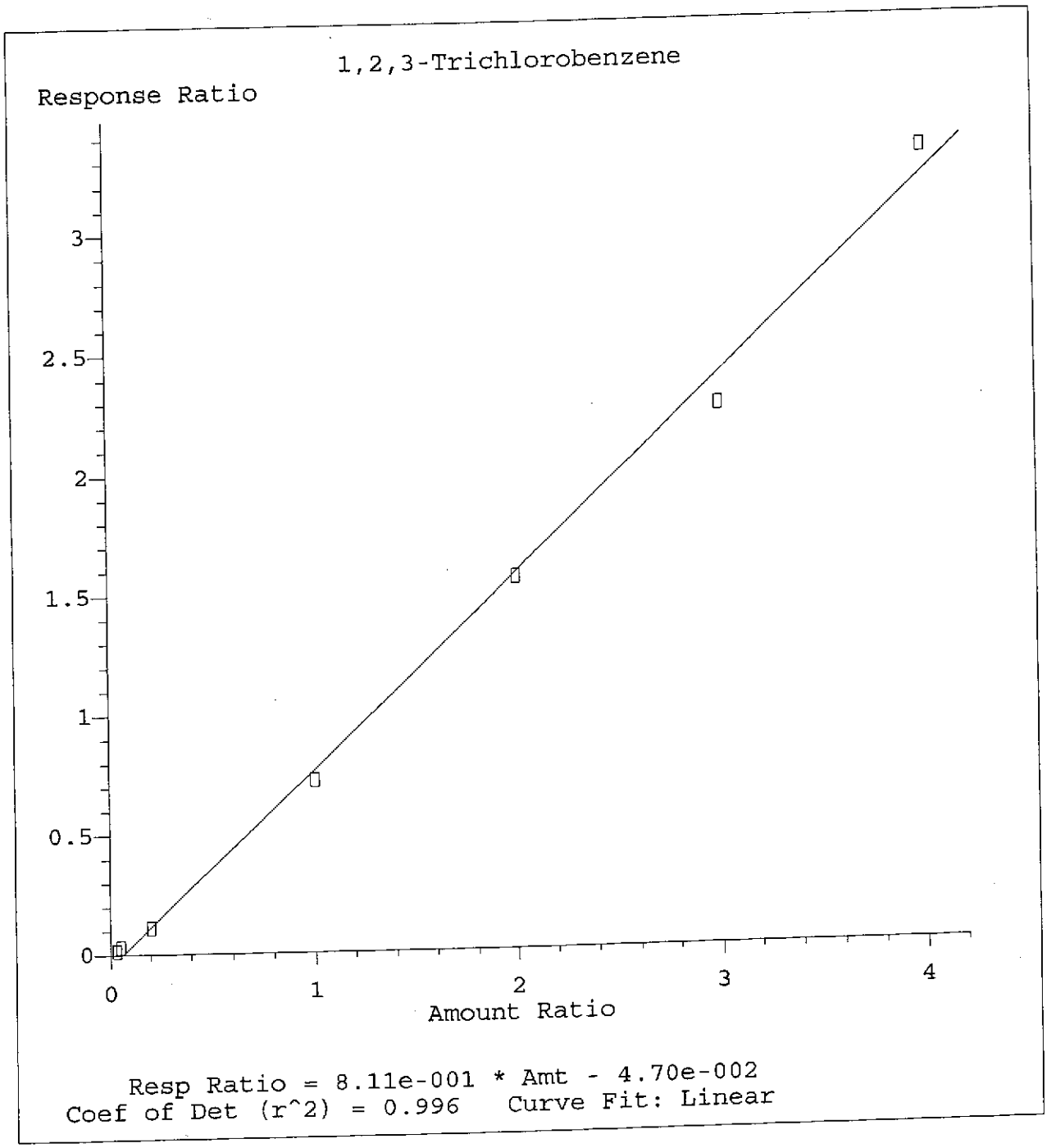
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:03 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:20 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:36 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:52 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	18.7	6.4	
1,1,1,2-Tetrachloroethane	10	11	-10.3	
1,1,1-Trichloroethane	10	9.08	9.2	
1,1,2,2-Tetrachloroethane	10	8.83	11.7	
1,1,2-Trichloroethane	10	9.85	1.5	
1,1-Dichloroethane	10	9.48	5.2	
1,1-Dichloroethene	10	10.1	-1.2	
1,1-Dichloropropene	10	8.81	11.9	
1,2,3-Trichlorobenzene	10	9.16	8.4	
1,2,3-Trichloropropane	10	9.13	8.7	
1,2,4-Trichlorobenzene	10	9	10	
1,2,4-Trimethylbenzene	10	8.95	10.5	
1,2-Dibromo-3-chloropropane	10	8.48	15.2	
1,2-Dibromoethane	10	9.16	8.4	
1,2-Dichlorobenzene	10	9.91	0.9	
1,2-Dichloroethane	10	9.57	4.3	
1,2-Dichloroethane-d4	10	9.49	5.1	
1,2-Dichloropropane	10	9.38	6.2	
1,3,5-Trimethylbenzene	10	9.11	8.9	
1,3-Dichlorobenzene	10	9.95	0.5	
1,3-Dichloropropane	10	10.2	-1.6	
1,4-Dichlorobenzene	10	9.65	3.5	
1-Chlorohexane	10	9.19	8.1	
2,2-Dichloropropane	10	8.82	11.8	
2-Butanone	20	16.8	16.2	
2-Chlorotoluene	10	8.93	10.7	
4-Bromofluorobenzene	10	9.84	1.6	
4-Chlorotoluene	10	8.8	12.0	
4-Methyl-2-pentanone	20	15.9	20.6	
Acetone	20	19.4	3.0	
Benzene	10	9.94	0.6	
Bromobenzene	10	10.2	-1.8	
Bromochloromethane	10	10	-0.2	
Bromodichloromethane	10	9.78	2.2	
Bromoform	10	11.2	-12.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	8.95	10.5	
Carbon tetrachloride	10	9.32	6.8	
Chlorobenzene	10	10	-0.4	
Chloroethane	10	8.8	12.0	
Chloroform	10	9.71	2.9	
Chloromethane	10	8.53	14.7	
cis-1,2-Dichloroethene	10	9.95	0.5	
cis-1,3-Dichloropropene	10	8.89	11.1	
Dibromochloromethane	10	10.8	-8.2	
Dibromofluoromethane	10	10.3	-2.7	
Dibromomethane	10	9.83	1.7	
Dichlorodifluoromethane	10	8.28	17.2	
Ethylbenzene	10	10.4	-3.7	
Hexachlorobutadiene	10	9.33	6.7	
Isopropylbenzene	10	9.24	7.6	
Methyl tert-butyl ether	10	9.45	5.5	
Methylene chloride	10	9.28	7.2	
n-Butylbenzene	10	8.53	14.7	
n-Propylbenzene	10	8.93	10.7	
Naphthalene	10	9.72	2.8	
o-Xylene	10	9.28	7.2	
p-Isopropyltoluene	10	8.91	10.9	
sec-Butylbenzene	10	9.16	8.4	
Styrene	10	8.87	11.3	
tert-Butylbenzene	10	9.1	9.0	
Tetrachloroethene	10	10.7	-6.8	
Toluene	10	9.16	8.4	
Toluene-d8	10	9.96	0.4	
trans-1,2-Dichloroethene	10	9.82	1.8	
trans-1,3-Dichloropropene	10	8.86	11.4	
Trichloroethene	10	10.4	-3.8	
Trichlorofluoromethane	10	9.12	8.8	
Vinyl chloride	10	8.77	12.3	
Xylenes (total)	30	28	6.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-9902 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3148.D
Acq On : 12 Jun 2007 14:05
Sample : CCV-9902
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 13 09:44:00 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	85	0.00
2		Dichlorodifluoromethane	0.323	0.298	7.7	78	0.00
3	P	Chloromethane	0.355	0.370	-4.2	85	0.00
4	CP	Vinyl chloride	0.317	0.340	-7.3	87	0.00
5		Bromomethane	0.256	0.286	-11.7	96	0.00
6		Chloroethane	0.228	0.254	-11.4	92	0.00
7		Trichlorofluoromethane	0.450	0.505	-12.2	88	0.00
8		Acetone	0.034	0.041	-20.6#	96	0.00
9	CPM	1,1-Dichloroethene	0.179	0.187	-4.5	84	0.00
10		Methylene chloride	0.290	0.262	9.7	89	0.00
11		trans-1,2-Dichloroethene	0.217	0.218	-0.5	86	0.00
12		Methyl tert-Butyl ether	0.414	0.475	-14.7	96	0.00
13	P	1,1-Dichloroethane	0.387	0.438	-13.2	90	0.00
14		2-Butanone	0.048	0.059	-22.9#	98	0.00
		cis-1,2-Dichloroethene	0.242	0.249	-2.9	84	0.00
[illegible]		Bromochloromethane	0.105	0.107	-1.9	84	0.00
17	CP	Chloroform	0.380	0.415	-9.2	88	0.00
18		2,2-Dichloropropane	0.233	0.291	-24.9#	108	0.00
19	S	Dibromofluoromethane	0.197	0.199	-1.0	84	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.227	-12.4	90	0.00
21		1,2-Dichloroethane	0.231	0.274	-18.6	93	0.00
22		1,1,1-Trichloroethane	0.290	0.316	-9.0	91	0.00
23		1,1-Dichloropropene	0.282	0.317	-12.4	85	0.00
24		Carbon tetrachloride	0.177	0.186	-5.1	92	0.00
25	M	Benzene	0.995	1.098	-10.4	86	0.00
26	M	Trichloroethene	0.253	0.244	3.6	81	0.00
27		Dibromomethane	0.112	0.121	-8.0	86	0.00
28	CP	1,2-Dichloropropane	0.227	0.247	-8.8	89	0.00
29		Bromodichloromethane	0.248	0.256	-3.2	85	0.00
30		4-Methyl-2-pentanone	0.099	0.122	-23.2#	93	0.00
31		cis-1,3-Dichloropropene	0.278	0.316	-13.7	94	0.00
32	S	Toluene-d8	0.753	0.798	-6.0	82	0.00
33	CPM	Toluene	0.562	0.607	-8.0	83	0.00
34		trans-1,3-Dichloropropene	0.209	0.255	-22.0#	101	0.00
35		1,1,2-Trichloroethane	0.144	0.158	-9.7	89	0.00
36		1,2-Dibromoethane	0.147	0.148	-0.7	83	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
38		1,3-Dichloropropane	0.834	0.864	-3.6	87	0.00
[illegible]		Dibromochloromethane	0.404	0.373	7.7	84	0.00
		Tetrachloroethene	0.609	0.552	9.4	78	0.00

(#) = Out of Range

ABM 6-13-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3148.D
Acq On : 12 Jun 2007 14:05
Sample : CCV-9902
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 13 09:44:00 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.687	-5.4	84	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.431	4.2	87	0.00
43	PM	Chlorobenzene	1.736	1.667	4.0	84	0.00
44	CP	Ethylbenzene	2.749	2.884	-4.9	86	0.00
45		(m+p)-Xylene	0.909	0.949	-4.4	83	0.00
46		o-Xylene	0.847	0.895	-5.7	85	0.00
47		Styrene	1.339	1.436	-7.2	84	0.00
48	P	Bromoform	0.188	0.168	10.6	82	0.00
49	S	Bromofluorobenzene	0.726	0.615	15.3	82	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	0.936	-12.5	87	0.00
52		Isopropylbenzene	3.255	3.795	-16.6	82	0.00
53		1,2,3-Trichloropropane	0.682	0.762	-11.7	88	0.00
		Bromobenzene	0.844	0.859	-1.8	79	0.00
		n-Propylbenzene	3.695	4.552	-23.2#	85	0.00
56		2-Chlorotoluene	2.498	2.948	-18.0	85	0.00
57		4-Chlorotoluene	2.207	2.627	-19.0	85	0.00
58		1,3,5-Trimethylbenzene	2.402	2.922	-21.6#	84	0.00
59		tert-Butylbenzene	2.006	2.335	-16.4	82	0.00
60		1,2,4-Trimethylbenzene	2.291	2.772	-21.0#	83	0.00
61		sec-Butylbenzene	3.032	3.700	-22.0#	84	0.00
62		1,3-Dichlorobenzene	1.476	1.525	-3.3	80	0.00
63		p-Isopropyltoluene	2.255	2.670	-18.4	82	0.00
64		1,4-Dichlorobenzene	1.501	1.550	-3.3	83	0.00
65		n-Butylbenzene	2.024	2.303	-13.8	84	0.00
66		1,2-Dichlorobenzene	1.388	1.461	-5.3	83	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.092	-16.5	92	0.00
68		1,2,4-Trichlorobenzene	0.735	0.681	7.3	74	0.00
69		Hexachlorobutadiene	0.294	0.270	8.2	75	0.00
70		Naphthalene	1.445	1.423	1.5	72	0.00
71		1,2,3-Trichlorobenzene	0.689	0.657	4.6	75	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3148.D
Acq On : 12 Jun 2007 14:05
Sample : CCV-9902
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 13 09:44:00 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	85	0.00
2		Dichlorodifluoromethane	10.000	9.217	7.8	78	0.00
3	P	Chloromethane	10.000	10.437	-4.4	85	0.00
4	CP	Vinyl chloride	10.000	10.751	-7.5	87	0.00
5		Bromomethane	10.000	11.178	-11.8	96	0.00
6		Chloroethane	10.000	11.114	-11.1	92	0.00
7		Trichlorofluoromethane	10.000	11.208	-12.1	88	0.00
8		Acetone	20.000	23.944	-19.7	96	0.00
9	CPM	1,1-Dichloroethene	10.000	10.453	-4.5	84	0.00
10		Methylene chloride	10.000	10.212	-2.1	89	0.00
11		trans-1,2-Dichloroethene	10.000	10.057	-0.6	86	0.00
12		Methyl tert-Butyl ether	10.000	10.241	-2.4	96	0.00
13	P	1,1-Dichloroethane	10.000	11.310	-13.1	90	0.00
14		2-Butanone	20.000	22.360	-11.8	98	0.00
		cis-1,2-Dichloroethene	10.000	10.307	-3.1	84	0.00
		Bromochloromethane	10.000	10.222	-2.2	84	0.00
17	CP	Chloroform	10.000	10.927	-9.3	88	0.00
18		2,2-Dichloropropane	10.000	10.881	-8.8	108	0.00
19	S	Dibromofluoromethane	10.000	10.072	-0.7	84	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.804	-8.0	90	0.00
21		1,2-Dichloroethane	10.000	11.891	-18.9	93	0.00
22		1,1,1-Trichloroethane	10.000	9.680	3.2	91	0.00
23		1,1-Dichloropropene	10.000	9.806	1.9	85	0.00
24		Carbon tetrachloride	10.000	9.148	8.5	92	0.00
25	M	Benzene	10.000	11.028	-10.3	86	0.00
26	M	Trichloroethene	10.000	9.644	3.6	81	0.00
27		Dibromomethane	10.000	10.741	-7.4	86	0.00
28	CP	1,2-Dichloropropane	10.000	10.909	-9.1	89	0.00
29		Bromodichloromethane	10.000	10.333	-3.3	85	0.00
30		4-Methyl-2-pentanone	20.000	20.455	-2.3	93	0.00
31		cis-1,3-Dichloropropene	10.000	9.459	5.4	94	0.00
32	S	Toluene-d8	10.000	9.476	5.2	82	0.00
33	CPM	Toluene	10.000	9.450	5.5	83	0.00
34		trans-1,3-Dichloropropene	10.000	9.868	1.3	101	0.00
35		1,1,2-Trichloroethane	10.000	11.006	-10.1	89	0.00
36		1,2-Dibromoethane	10.000	9.015	9.8	83	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	86	0.00
38		1,3-Dichloropropane	10.000	10.363	-3.6	87	0.00
39		Dibromochloromethane	10.000	9.438	5.6	84	0.00
		Tetrachloroethene	10.000	9.075	9.3	78	0.00

(#) = Out of Range

ABM 6-13-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3148.D
Acq On : 12 Jun 2007 14:05
Sample : CCV-9902
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 13 09:44:00 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	8.781	12.2	84	0.00
42		1,1,1,2-Tetrachloroethane	10.000	9.903	1.0	87	0.00
43	PM	Chlorobenzene	10.000	9.600	4.0	84	0.00
44	CP	Ethylbenzene	10.000	10.493	-4.9	86	0.00
45		(m+p)-Xylene	20.000	18.037	9.8	83	0.00
46		o-Xylene	10.000	8.882	11.2	85	0.00
47		Styrene	10.000	8.651	13.5	84	0.00
48	P	Bromoform	10.000	9.442	5.6	82	0.00
49	S	Bromofluorobenzene	10.000	8.774	12.3	82	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	82	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.258	-12.6	87	0.00
52		Isopropylbenzene	10.000	9.958	0.4	82	0.00
53		1,2,3-Trichloropropane	10.000	11.171	-11.7	88	0.00
		Bromobenzene	10.000	10.172	-1.7	79	0.00
		n-Propylbenzene	10.000	10.474	-4.7	85	0.00
56		2-Chlorotoluene	10.000	10.321	-3.2	85	0.00
57		4-Chlorotoluene	10.000	10.367	-3.7	85	0.00
58		1,3,5-Trimethylbenzene	10.000	10.280	-2.8	84	0.00
59		tert-Butylbenzene	10.000	9.740	2.6	82	0.00
60		1,2,4-Trimethylbenzene	10.000	10.227	-2.3	83	0.00
61		sec-Butylbenzene	10.000	10.280	-2.8	84	0.00
62		1,3-Dichlorobenzene	10.000	10.326	-3.3	80	0.00
63		p-Isopropyltoluene	10.000	9.758	2.4	82	0.00
64		1,4-Dichlorobenzene	10.000	10.331	-3.3	83	0.00
65		n-Butylbenzene	10.000	10.095	-1.0	84	0.00
66		1,2-Dichlorobenzene	10.000	10.525	-5.3	83	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.646	3.5	92	0.00
68		1,2,4-Trichlorobenzene	10.000	8.362	16.4	74	0.00
69		Hexachlorobutadiene	10.000	9.200	8.0	75	0.00
70		Naphthalene	10.000	8.447	15.5	72	0.00
71		1,2,3-Trichlorobenzene	10.000	8.672	13.3	75	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-9908 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3169.D
Acq On : 13 Jun 2007 7:09
Sample : CCV-9908
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 14 06:17:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	83	0.00
2		Dichlorodifluoromethane	0.323	0.299	7.4	77	0.00
3	P	Chloromethane	0.355	0.361	-1.7	81	0.00
4	CP	Vinyl chloride	0.317	0.323	-1.9	81	0.00
5		Bromomethane	0.256	0.279	-9.0	91	0.00
6		Chloroethane	0.228	0.276	-21.1#	98	0.00
7		Trichlorofluoromethane	0.450	0.518	-15.1	89	0.00
8		Acetone	0.034	0.033	2.9	77	0.00
9	CPM	1,1-Dichloroethene	0.179	0.182	-1.7	80	0.00
10		Methylene chloride	0.290	0.265	8.6	88	0.00
11		trans-1,2-Dichloroethene	0.217	0.218	-0.5	84	0.00
12		Methyl tert-Butyl ether	0.414	0.444	-7.2	87	0.00
13	P	1,1-Dichloroethane	0.387	0.422	-9.0	84	0.00
14		2-Butanone	0.048	0.047	2.1	76	0.00
		cis-1,2-Dichloroethene	0.242	0.246	-1.7	81	0.00
		Bromochloromethane	0.105	0.109	-3.8	83	0.00
17	CP	Chloroform	0.380	0.415	-9.2	86	0.00
18		2,2-Dichloropropane	0.233	0.321	-37.8#	116	0.00
19	S	Dibromofluoromethane	0.197	0.200	-1.5	82	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.208	-3.0	81	0.00
21		1,2-Dichloroethane	0.231	0.257	-11.3	85	0.00
22		1,1,1-Trichloroethane	0.290	0.342	-17.9	96	0.00
23		1,1-Dichloropropene	0.282	0.316	-12.1	83	0.00
24		Carbon tetrachloride	0.177	0.226	-27.7#	109	0.00
25	M	Benzene	0.995	1.094	-9.9	84	0.00
26	M	Trichloroethene	0.253	0.260	-2.8	84	0.00
27		Dibromomethane	0.112	0.118	-5.4	82	0.00
28	CP	1,2-Dichloropropane	0.227	0.239	-5.3	84	0.00
29		Bromodichloromethane	0.248	0.275	-10.9	89	0.00
30		4-Methyl-2-pentanone	0.099	0.102	-3.0	76	0.00
31		cis-1,3-Dichloropropene	0.278	0.322	-15.8	93	0.00
32	S	Toluene-d8	0.753	0.819	-8.8	83	0.00
33	CPM	Toluene	0.562	0.632	-12.5	84	0.00
34		trans-1,3-Dichloropropene	0.209	0.268	-28.2#	104	0.00
35		1,1,2-Trichloroethane	0.144	0.149	-3.5	82	0.00
36		1,2-Dibromoethane	0.147	0.148	-0.7	81	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
38		1,3-Dichloropropane	0.834	0.845	-1.3	83	0.00
39		Dibromochloromethane	0.404	0.425	-5.2	94	0.00
		Tetrachloroethene	0.609	0.597	2.0	83	0.00

(#) = Out of Range

ABM 6-14-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3169.D
Acq On : 13 Jun 2007 7:09
Sample : CCV-9908
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 14 06:17:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.695	-6.6	84	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.500	-11.1	99	0.00
43	PM	Chlorobenzene	1.736	1.730	0.3	86	0.00
44	CP	Ethylbenzene	2.749	2.912	-5.9	85	0.00
45		(m+p)-Xylene	0.909	0.982	-8.0	84	0.00
46		o-Xylene	0.847	0.906	-7.0	84	0.00
47		Styrene	1.339	1.473	-10.0	85	0.00
48	P	Bromoform	0.188	0.201	-6.9	97	0.00
49	S	Bromofluorobenzene	0.726	0.609	16.1	80	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	0.859	-3.2	83	0.00
52		Isopropylbenzene	3.255	3.734	-14.7	84	0.00
53		1,2,3-Trichloropropane	0.682	0.676	0.9	81	0.00
		Bromobenzene	0.844	0.866	-2.6	83	0.00
		n-Propylbenzene	3.695	4.433	-20.0	86	0.00
56		2-Chlorotoluene	2.498	2.872	-15.0	86	0.00
57		4-Chlorotoluene	2.207	2.522	-14.3	85	0.00
58		1,3,5-Trimethylbenzene	2.402	2.886	-20.1#	86	0.00
59		tert-Butylbenzene	2.006	2.340	-16.7	85	0.00
60		1,2,4-Trimethylbenzene	2.291	2.760	-20.5#	86	0.00
61		sec-Butylbenzene	3.032	3.711	-22.4#	88	0.00
62		1,3-Dichlorobenzene	1.476	1.564	-6.0	85	0.00
63		p-Isopropyltoluene	2.255	2.677	-18.7	86	0.00
64		1,4-Dichlorobenzene	1.501	1.600	-6.6	89	0.00
65		n-Butylbenzene	2.024	2.287	-13.0	87	0.00
66		1,2-Dichlorobenzene	1.388	1.440	-3.7	85	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.090	-13.9	93	0.00
68		1,2,4-Trichlorobenzene	0.735	0.703	4.4	79	0.00
69		Hexachlorobutadiene	0.294	0.302	-2.7	87	0.00
70		Naphthalene	1.445	1.339	7.3	71	0.00
71		1,2,3-Trichlorobenzene	0.689	0.653	5.2	77	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3169.D
Acq On : 13 Jun 2007 7:09
Sample : CCV-9908
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 14 06:17:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	83	0.00
2		Dichlorodifluoromethane	10.000	9.269	7.3	77	0.00
3	P	Chloromethane	10.000	10.177	-1.8	81	0.00
4	CP	Vinyl chloride	10.000	10.214	-2.1	81	0.00
5		Bromomethane	10.000	10.928	-9.3	91	0.00
6		Chloroethane	10.000	12.081	-20.8#	98	0.00
7		Trichlorofluoromethane	10.000	11.493	-14.9	89	0.00
8		Acetone	20.000	19.526	2.4	77	0.00
9	CPM	1,1-Dichloroethene	10.000	10.198	-2.0	80	0.00
10		Methylene chloride	10.000	10.354	-3.5	88	0.00
11		trans-1,2-Dichloroethene	10.000	10.057	-0.6	84	0.00
12		Methyl tert-Butyl ether	10.000	9.603	4.0	87	0.00
13	P	1,1-Dichloroethane	10.000	10.899	-9.0	84	0.00
14		2-Butanone	20.000	17.735	11.3	76	0.00
		cis-1,2-Dichloroethene	10.000	10.189	-1.9	81	0.00
		Bromochloromethane	10.000	10.369	-3.7	83	0.00
17	CP	Chloroform	10.000	10.908	-9.1	86	0.00
18		2,2-Dichloropropane	10.000	11.935	-19.4	116	0.00
19	S	Dibromofluoromethane	10.000	10.144	-1.4	82	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.871	1.3	81	0.00
21		1,2-Dichloroethane	10.000	11.120	-11.2	85	0.00
22		1,1,1-Trichloroethane	10.000	10.450	-4.5	96	0.00
23		1,1-Dichloropropene	10.000	9.754	2.5	83	0.00
24		Carbon tetrachloride	10.000	10.911	-9.1	109	0.00
25	M	Benzene	10.000	10.987	-9.9	84	0.00
26	M	Trichloroethene	10.000	10.263	-2.6	84	0.00
27		Dibromomethane	10.000	10.479	-4.8	82	0.00
28	CP	1,2-Dichloropropane	10.000	10.551	-5.5	84	0.00
29		Bromodichloromethane	10.000	11.116	-11.2	89	0.00
30		4-Methyl-2-pentanone	20.000	17.103	14.5	76	0.00
31		cis-1,3-Dichloropropene	10.000	9.621	3.8	93	0.00
32	S	Toluene-d8	10.000	9.728	2.7	83	0.00
33	CPM	Toluene	10.000	9.822	1.8	84	0.00
34		trans-1,3-Dichloropropene	10.000	10.317	-3.2	104	0.00
35		1,1,2-Trichloroethane	10.000	10.408	-4.1	82	0.00
36		1,2-Dibromoethane	10.000	9.043	9.6	81	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	85	0.00
38		1,3-Dichloropropane	10.000	10.128	-1.3	83	0.00
39		Dibromochloromethane	10.000	10.579	-5.8	94	0.00
		Tetrachloroethene	10.000	9.804	2.0	83	0.00

(#) = Out of Range

ABM 6-14-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3169.D
Acq On : 13 Jun 2007 7:09
Sample : CCV-9908
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 14 06:17:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	8.877	11.2	84	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.278	-12.8	99	0.00
43	PM	Chlorobenzene	10.000	9.964	0.4	86	0.00
44	CP	Ethylbenzene	10.000	10.593	-5.9	85	0.00
45		(m+p)-Xylene	20.000	18.613	6.9	84	0.00
46		o-Xylene	10.000	8.983	10.2	84	0.00
47		Styrene	10.000	8.854	11.5	85	0.00
48	P	Bromoform	10.000	10.985	-9.8	97	0.00
49	S	Bromofluorobenzene	10.000	8.691	13.1	80	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	85	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.323	-3.2	83	0.00
52		Isopropylbenzene	10.000	9.800	2.0	84	0.00
53		1,2,3-Trichloropropane	10.000	9.909	0.9	81	0.00
		Bromobenzene	10.000	10.252	-2.5	83	0.00
		n-Propylbenzene	10.000	10.198	-2.0	86	0.00
56		2-Chlorotoluene	10.000	10.053	-0.5	86	0.00
57		4-Chlorotoluene	10.000	9.952	0.5	85	0.00
58		1,3,5-Trimethylbenzene	10.000	10.154	-1.5	86	0.00
59		tert-Butylbenzene	10.000	9.760	2.4	85	0.00
60		1,2,4-Trimethylbenzene	10.000	10.182	-1.8	86	0.00
61		sec-Butylbenzene	10.000	10.309	-3.1	88	0.00
62		1,3-Dichlorobenzene	10.000	10.596	-6.0	85	0.00
63		p-Isopropyltoluene	10.000	9.782	2.2	86	0.00
64		1,4-Dichlorobenzene	10.000	10.661	-6.6	89	0.00
65		n-Butylbenzene	10.000	10.027	-0.3	87	0.00
66		1,2-Dichlorobenzene	10.000	10.372	-3.7	85	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.441	5.6	93	0.00
68		1,2,4-Trichlorobenzene	10.000	8.602	14.0	79	0.00
69		Hexachlorobutadiene	10.000	10.284	-2.8	87	0.00
70		Naphthalene	10.000	7.971	20.3#	71	0.00
71		1,2,3-Trichlorobenzene	10.000	8.625	13.8	77	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-9935 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3193.D
Acq On : 14 Jun 2007 10:40
Sample : CCV-9935
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:39:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	106	0.00
2		Dichlorodifluoromethane	0.323	0.289	10.5	95	0.00
3	P	Chloromethane	0.355	0.361	-1.7	103	0.00
4	CP	Vinyl chloride	0.317	0.343	-8.2	109	0.00
5		Bromomethane	0.256	0.256	0.0	107	0.00
6		Chloroethane	0.228	0.213	6.6	96	0.00
7		Trichlorofluoromethane	0.450	0.478	-6.2	104	0.00
8		Acetone	0.034	0.036	-5.9	107	0.00
9	CPM	1,1-Dichloroethene	0.179	0.191	-6.7	107	0.00
10		Methylene chloride	0.290	0.258	11.0	109	0.00
11		trans-1,2-Dichloroethene	0.217	0.224	-3.2	110	0.00
12		Methyl tert-Butyl ether	0.414	0.471	-13.8	118	0.00
13	P	1,1-Dichloroethane	0.387	0.426	-10.1	109	0.00
14		2-Butanone	0.048	0.057	-18.8	117	0.00
		cis-1,2-Dichloroethene	0.242	0.254	-5.0	107	0.00
		Bromochloromethane	0.105	0.106	-1.0	103	0.00
17	CP	Chloroform	0.380	0.411	-8.2	109	0.00
18		2,2-Dichloropropane	0.233	0.307	-31.8#	142	0.00
19	S	Dibromofluoromethane	0.197	0.194	1.5	102	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.210	-4.0	104	0.00
21		1,2-Dichloroethane	0.231	0.256	-10.8	108	0.00
22		1,1,1-Trichloroethane	0.290	0.330	-13.8	118	0.00
23		1,1-Dichloropropene	0.282	0.325	-15.2	109	0.00
24		Carbon tetrachloride	0.177	0.207	-16.9	128	0.00
25	M	Benzene	0.995	1.104	-11.0	108	0.00
26	M	Trichloroethene	0.253	0.253	0.0	105	0.00
27		Dibromomethane	0.112	0.114	-1.8	101	0.00
28	CP	1,2-Dichloropropane	0.227	0.245	-7.9	110	0.00
29		Bromodichloromethane	0.248	0.258	-4.0	106	0.00
30		4-Methyl-2-pentanone	0.099	0.117	-18.2	111	0.00
31		cis-1,3-Dichloropropene	0.278	0.331	-19.1	123	0.00
32	S	Toluene-d8	0.753	0.814	-8.1	105	0.00
33	CPM	Toluene	0.562	0.628	-11.7	106	0.00
34		trans-1,3-Dichloropropene	0.209	0.258	-23.4#	128	0.00
35		1,1,2-Trichloroethane	0.144	0.149	-3.5	104	0.00
36		1,2-Dibromoethane	0.147	0.149	-1.4	104	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
38		1,3-Dichloropropane	0.834	0.877	-5.2	107	0.00
		Dibromochloromethane	0.404	0.419	-3.7	114	0.00
		Tetrachloroethene	0.609	0.590	3.1	102	0.00

(#) = Out of Range

ABM 6-15-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3193.D
Acq On : 14 Jun 2007 10:40
Sample : CCV-9935
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:39:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.752	-15.3	111	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.468	-4.0	114	0.00
43	PM	Chlorobenzene	1.736	1.761	-1.4	108	0.00
44	CP	Ethylbenzene	2.749	2.984	-8.5	108	0.00
45		(m+p)-Xylene	0.909	0.986	-8.5	104	0.00
46		o-Xylene	0.847	0.928	-9.6	107	0.00
47		Styrene	1.339	1.507	-12.5	107	0.00
48	P	Bromoform	0.188	0.186	1.1	111	0.00
49	S	Bromofluorobenzene	0.726	0.659	9.2	107	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	0.895	-7.6	100	0.00
52		Isopropylbenzene	3.255	4.055	-24.6#	105	0.00
53		1,2,3-Trichloropropane	0.682	0.712	-4.4	99	0.00
		Bromobenzene	0.844	0.894	-5.9	100	0.00
		n-Propylbenzene	3.695	4.831	-30.7#	108	0.00
56		2-Chlorotoluene	2.498	3.087	-23.6#	107	0.00
57		4-Chlorotoluene	2.207	2.703	-22.5#	106	0.00
58		1,3,5-Trimethylbenzene	2.402	3.087	-28.5#	107	0.00
59		tert-Butylbenzene	2.006	2.505	-24.9#	106	0.00
60		1,2,4-Trimethylbenzene	2.291	2.976	-29.9#	108	0.00
61		sec-Butylbenzene	3.032	3.940	-29.9#	108	0.00
62		1,3-Dichlorobenzene	1.476	1.614	-9.3	102	0.00
63		p-Isopropyltoluene	2.255	2.847	-26.3#	106	0.00
64		1,4-Dichlorobenzene	1.501	1.597	-6.4	103	0.00
65		n-Butylbenzene	2.024	2.528	-24.9#	111	0.00
66		1,2-Dichlorobenzene	1.388	1.510	-8.8	103	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.097	-22.8#	116	0.00
68		1,2,4-Trichlorobenzene	0.735	0.750	-2.0	98	0.00
69		Hexachlorobutadiene	0.294	0.296	-0.7	99	0.00
70		Naphthalene	1.445	1.511	-4.6	93	0.00
71		1,2,3-Trichlorobenzene	0.689	0.679	1.5	93	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3193.D
Acq On : 14 Jun 2007 10:40
Sample : CCV-9935
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:39:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	106	0.00
2		Dichlorodifluoromethane	10.000	8.949	10.5	95	0.00
3	P	Chloromethane	10.000	10.174	-1.7	103	0.00
4	CP	Vinyl chloride	10.000	10.837	-8.4	109	0.00
5		Bromomethane	10.000	10.033	-0.3	107	0.00
6		Chloroethane	10.000	9.325	6.8	96	0.00
7		Trichlorofluoromethane	10.000	10.605	-6.1	104	0.00
8		Acetone	20.000	21.326	-6.6	107	0.00
9	CPM	1,1-Dichloroethene	10.000	10.659	-6.6	107	0.00
10		Methylene chloride	10.000	10.085	-0.9	109	0.00
11		trans-1,2-Dichloroethene	10.000	10.327	-3.3	110	0.00
12		Methyl tert-Butyl ether	10.000	10.148	-1.5	118	0.00
13	P	1,1-Dichloroethane	10.000	11.004	-10.0	109	0.00
14		2-Butanone	20.000	21.383	-6.9	117	0.00
[illegible]		cis-1,2-Dichloroethene	10.000	10.507	-5.1	107	0.00
[illegible]		Bromochloromethane	10.000	10.091	-0.9	103	0.00
17	CP	Chloroform	10.000	10.809	-8.1	109	0.00
18		2,2-Dichloropropane	10.000	11.436	-14.4	142	0.00
19	S	Dibromofluoromethane	10.000	9.822	1.8	102	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.989	0.1	104	0.00
21		1,2-Dichloroethane	10.000	11.103	-11.0	108	0.00
22		1,1,1-Trichloroethane	10.000	10.112	-1.1	118	0.00
23		1,1-Dichloropropene	10.000	10.042	-0.4	109	0.00
24		Carbon tetrachloride	10.000	10.088	-0.9	128	0.00
25	M	Benzene	10.000	11.093	-10.9	108	0.00
26	M	Trichloroethene	10.000	9.995	0.1	105	0.00
27		Dibromomethane	10.000	10.166	-1.7	101	0.00
28	CP	1,2-Dichloropropane	10.000	10.795	-7.9	110	0.00
29		Bromodichloromethane	10.000	10.437	-4.4	106	0.00
30		4-Methyl-2-pentanone	20.000	19.492	2.5	111	0.00
31		cis-1,3-Dichloropropene	10.000	9.868	1.3	123	0.00
32	S	Toluene-d8	10.000	9.662	3.4	105	0.00
33	CPM	Toluene	10.000	9.759	2.4	106	0.00
34		trans-1,3-Dichloropropene	10.000	9.976	0.2	128	0.00
35		1,1,2-Trichloroethane	10.000	10.375	-3.8	104	0.00
36		1,2-Dibromoethane	10.000	9.110	8.9	104	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	105	0.00
38		1,3-Dichloropropane	10.000	10.512	-5.1	107	0.00
[illegible]		Dibromochloromethane	10.000	10.452	-4.5	114	0.00
[illegible]		Tetrachloroethene	10.000	9.696	3.0	102	0.00

(#) = Out of Range

ABM 6-15-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3193.D
Acq On : 14 Jun 2007 10:40
Sample : CCV-9935
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:39:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.526	4.7	111	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.635	-6.3	114	0.00
43	PM	Chlorobenzene	10.000	10.143	-1.4	108	0.00
44	CP	Ethylbenzene	10.000	10.856	-8.6	108	0.00
45		(m+p)-Xylene	20.000	18.691	6.5	104	0.00
46		o-Xylene	10.000	9.180	8.2	107	0.00
47		Styrene	10.000	9.034	9.7	107	0.00
48	P	Bromoform	10.000	10.286	-2.9	111	0.00
49	S	Bromofluorobenzene	10.000	9.360	6.4	107	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	99	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.757	-7.6	100	0.00
52		Isopropylbenzene	10.000	10.637	-6.4	105	0.00
53		1,2,3-Trichloropropane	10.000	10.436	-4.4	99	0.00
		Bromobenzene	10.000	10.584	-5.8	100	0.00
		n-Propylbenzene	10.000	11.122	-11.2	108	0.00
56		2-Chlorotoluene	10.000	10.806	-8.1	107	0.00
57		4-Chlorotoluene	10.000	10.668	-6.7	106	0.00
58		1,3,5-Trimethylbenzene	10.000	10.853	-8.5	107	0.00
59		tert-Butylbenzene	10.000	10.424	-4.2	106	0.00
60		1,2,4-Trimethylbenzene	10.000	10.968	-9.7	108	0.00
61		sec-Butylbenzene	10.000	10.939	-9.4	108	0.00
62		1,3-Dichlorobenzene	10.000	10.930	-9.3	102	0.00
63		p-Isopropyltoluene	10.000	10.378	-3.8	106	0.00
64		1,4-Dichlorobenzene	10.000	10.643	-6.4	103	0.00
65		n-Butylbenzene	10.000	11.067	-10.7	111	0.00
66		1,2-Dichlorobenzene	10.000	10.876	-8.8	103	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.066	-0.7	116	0.00
68		1,2,4-Trichlorobenzene	10.000	9.135	8.7	98	0.00
69		Hexachlorobutadiene	10.000	10.091	-0.9	99	0.00
70		Naphthalene	10.000	8.945	10.5	93	0.00
71		1,2,3-Trichlorobenzene	10.000	8.947	10.5	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-9963 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3215.D
Acq On : 15 Jun 2007 11:41
Sample : CCV-9963
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 18 09:15:39 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	82	0.00
2		Dichlorodifluoromethane	0.323	0.286	11.5	73	0.00
3	P	Chloromethane	0.355	0.383	-7.9	86	0.00
4	CP	Vinyl chloride	0.317	0.341	-7.6	85	0.00
5		Bromomethane	0.256	0.261	-2.0	85	0.00
6		Chloroethane	0.228	0.246	-7.9	87	0.00
7		Trichlorofluoromethane	0.450	0.497	-10.4	85	0.00
8		Acetone	0.034	0.042	-23.5#	97	0.00
9	CPM	1,1-Dichloroethene	0.179	0.182	-1.7	80	0.00
10		Methylene chloride	0.290	0.262	9.7	86	0.00
11		trans-1,2-Dichloroethene	0.217	0.219	-0.9	84	0.00
12		Methyl tert-Butyl ether	0.414	0.493	-19.1	97	0.00
13	P	1,1-Dichloroethane	0.387	0.452	-16.8	90	0.00
[illegible]		2-Butanone	0.048	0.062	-29.2#	101	0.00
[illegible]		cis-1,2-Dichloroethene	0.242	0.251	-3.7	83	0.00
16		Bromochloromethane	0.105	0.103	1.9	78	0.00
17	CP	Chloroform	0.380	0.422	-11.1	87	0.00
18		2,2-Dichloropropane	0.233	0.309	-32.6#	112	0.00
19	S	Dibromofluoromethane	0.197	0.201	-2.0	82	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.231	-14.4	90	0.00
21		1,2-Dichloroethane	0.231	0.285	-23.4#	94	0.00
22		1,1,1-Trichloroethane	0.290	0.329	-13.4	92	0.00
23		1,1-Dichloropropene	0.282	0.330	-17.0	86	0.00
24		Carbon tetrachloride	0.177	0.197	-11.3	95	0.00
25	M	Benzene	0.995	1.124	-13.0	86	0.00
26	M	Trichloroethene	0.253	0.237	6.3	77	0.00
27		Dibromomethane	0.112	0.121	-8.0	84	0.00
28	CP	1,2-Dichloropropane	0.227	0.261	-15.0	92	0.00
29		Bromodichloromethane	0.248	0.274	-10.5	88	0.00
30		4-Methyl-2-pentanone	0.099	0.133	-34.3#	99	0.00
31		cis-1,3-Dichloropropene	0.278	0.332	-19.4	96	0.00
32	S	Toluene-d8	0.753	0.806	-7.0	81	0.00
33	CPM	Toluene	0.562	0.631	-12.3	84	0.00
34		trans-1,3-Dichloropropene	0.209	0.268	-28.2#	104	0.00
35		1,1,2-Trichloroethane	0.144	0.159	-10.4	87	0.00
36		1,2-Dibromoethane	0.147	0.151	-2.7	82	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
[illegible]		1,3-Dichloropropane	0.834	0.877	-5.2	88	0.00
[illegible]		Dibromochloromethane	0.404	0.374	7.4	84	0.00
40		Tetrachloroethene	0.609	0.499	18.1	71	0.00

(#) = Out of Range

ABM 6-18-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3215.D
Acq On : 15 Jun 2007 11:41
Sample : CCV-9963
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 18 09:15:39 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.692	-6.1	85	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.432	4.0	87	0.00
43	PM	Chlorobenzene	1.736	1.627	6.3	83	0.00
44	CP	Ethylbenzene	2.749	2.886	-5.0	86	0.00
45		(m+p)-Xylene	0.909	0.929	-2.2	81	0.00
46		o-Xylene	0.847	0.845	0.2	80	0.00
47		Styrene	1.339	1.450	-8.3	85	0.00
48	P	Bromoform	0.188	0.159	15.4	79	0.00
49	S	Bromofluorobenzene	0.726	0.629	13.4	84	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	1.002	-20.4#	87	0.00
52		Isopropylbenzene	3.255	4.099	-25.9#	82	0.00
[illegible]		1,2,3-Trichloropropane	0.682	0.810	-18.8	87	0.00
[illegible]		Bromobenzene	0.844	0.870	-3.1	75	0.00
55		n-Propylbenzene	3.695	4.964	-34.3#	86	0.00
56		2-Chlorotoluene	2.498	3.195	-27.9#	86	0.00
57		4-Chlorotoluene	2.207	2.792	-26.5#	84	0.00
58		1,3,5-Trimethylbenzene	2.402	3.094	-28.8#	82	0.00
59		tert-Butylbenzene	2.006	2.473	-23.3#	81	0.00
60		1,2,4-Trimethylbenzene	2.291	2.949	-28.7#	82	0.00
61		sec-Butylbenzene	3.032	3.953	-30.4#	84	0.00
62		1,3-Dichlorobenzene	1.476	1.580	-7.0	77	0.00
63		p-Isopropyltoluene	2.255	2.807	-24.5#	80	0.00
64		1,4-Dichlorobenzene	1.501	1.571	-4.7	78	0.00
65		n-Butylbenzene	2.024	2.553	-26.1#	86	0.00
66		1,2-Dichlorobenzene	1.388	1.475	-6.3	77	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.109	-38.0#	100	0.00
68		1,2,4-Trichlorobenzene	0.735	0.679	7.6	69	0.00
69		Hexachlorobutadiene	0.294	0.271	7.8	70	0.00
70		Naphthalene	1.445	1.500	-3.8	71	0.00
71		1,2,3-Trichlorobenzene	0.689	0.645	6.4	68	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J3215.D J601AF31.M Mon Jun 18 09:15:53 2007 P

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3215.D
Acq On : 15 Jun 2007 11:41
Sample : CCV-9963
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 18 09:15:39 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	82	0.00
2		Dichlorodifluoromethane	10.000	8.841	11.6	73	0.00
3	P	Chloromethane	10.000	10.798	-8.0	86	0.00
4	CP	Vinyl chloride	10.000	10.770	-7.7	85	0.00
5		Bromomethane	10.000	10.202	-2.0	85	0.00
6		Chloroethane	10.000	10.753	-7.5	87	0.00
7		Trichlorofluoromethane	10.000	11.042	-10.4	85	0.00
8		Acetone	20.000	24.686	-23.4#	97	0.00
9	CPM	1,1-Dichloroethene	10.000	10.170	-1.7	80	0.00
10		Methylene chloride	10.000	10.241	-2.4	86	0.00
11		trans-1,2-Dichloroethene	10.000	10.124	-1.2	84	0.00
12		Methyl tert-Butyl ether	10.000	10.602	-6.0	97	0.00
13	P	1,1-Dichloroethane	10.000	11.687	-16.9	90	0.00
[illegible]		2-Butanone	20.000	23.514	-17.6	101	0.00
[illegible]		cis-1,2-Dichloroethene	10.000	10.405	-4.0	83	0.00
16		Bromochloromethane	10.000	9.807	1.9	78	0.00
17	CP	Chloroform	10.000	11.098	-11.0	87	0.00
18		2,2-Dichloropropane	10.000	11.522	-15.2	112	0.00
19	S	Dibromofluoromethane	10.000	10.154	-1.5	82	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.113	-1.1	90	0.00
21		1,2-Dichloroethane	10.000	12.332	-23.3#	94	0.00
22		1,1,1-Trichloroethane	10.000	10.074	-0.7	92	0.00
23		1,1-Dichloropropene	10.000	10.197	-2.0	86	0.00
24		Carbon tetrachloride	10.000	9.630	3.7	95	0.00
25	M	Benzene	10.000	11.290	-12.9	86	0.00
26	M	Trichloroethene	10.000	9.373	6.3	77	0.00
27		Dibromomethane	10.000	10.803	-8.0	84	0.00
28	CP	1,2-Dichloropropane	10.000	11.530	-15.3	92	0.00
29		Bromodichloromethane	10.000	11.066	-10.7	88	0.00
30		4-Methyl-2-pentanone	20.000	22.207	-11.0	99	0.00
31		cis-1,3-Dichloropropene	10.000	9.888	1.1	96	0.00
32	S	Toluene-d8	10.000	9.578	4.2	81	0.00
33	CPM	Toluene	10.000	9.812	1.9	84	0.00
34		trans-1,3-Dichloropropene	10.000	10.339	-3.4	104	0.00
35		1,1,2-Trichloroethane	10.000	11.089	-10.9	87	0.00
36		1,2-Dibromoethane	10.000	9.175	8.2	82	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	87	0.00
[illegible]		1,3-Dichloropropane	10.000	10.514	-5.1	88	0.00
		Dibromochloromethane	10.000	9.461	5.4	84	0.00
40		Tetrachloroethene	10.000	8.195	18.0	71	0.00

(#) = Out of Range

ABM 6-18-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3215.D
Acq On : 15 Jun 2007 11:41
Sample : CCV-9963
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 18 09:15:39 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	8.837	11.6	85	0.00
42		1,1,1,2-Tetrachloroethane	10.000	9.909	0.9	87	0.00
43	PM	Chlorobenzene	10.000	9.369	6.3	83	0.00
44	CP	Ethylbenzene	10.000	10.500	-5.0	86	0.00
45		(m+p)-Xylene	20.000	17.676	11.6	81	0.00
46		o-Xylene	10.000	8.433	15.7	80	0.00
47		Styrene	10.000	8.726	12.7	85	0.00
48	P	Bromoform	10.000	9.033	9.7	79	0.00
49	S	Bromofluorobenzene	10.000	8.957	10.4	84	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	76	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	12.045	-20.4#	87	0.00
52		Isopropylbenzene	10.000	10.749	-7.5	82	0.00
[illegible]		1,2,3-Trichloropropane	10.000	11.881	-18.8	87	0.00
[illegible]		Bromobenzene	10.000	10.298	-3.0	75	0.00
55		n-Propylbenzene	10.000	11.430	-14.3	86	0.00
56		2-Chlorotoluene	10.000	11.182	-11.8	86	0.00
57		4-Chlorotoluene	10.000	11.018	-10.2	84	0.00
58		1,3,5-Trimethylbenzene	10.000	10.877	-8.8	82	0.00
59		tert-Butylbenzene	10.000	10.296	-3.0	81	0.00
60		1,2,4-Trimethylbenzene	10.000	10.872	-8.7	82	0.00
61		sec-Butylbenzene	10.000	10.975	-9.7	84	0.00
62		1,3-Dichlorobenzene	10.000	10.698	-7.0	77	0.00
63		p-Isopropyltoluene	10.000	10.238	-2.4	80	0.00
64		1,4-Dichlorobenzene	10.000	10.470	-4.7	78	0.00
65		n-Butylbenzene	10.000	11.175	-11.8	86	0.00
66		1,2-Dichlorobenzene	10.000	10.620	-6.2	77	0.00
67		1,2-Dibromo-3-chloropropane	10.000	11.263	-12.6	100	0.00
68		1,2,4-Trichlorobenzene	10.000	8.337	16.6	69	0.00
69		Hexachlorobutadiene	10.000	9.235	7.7	70	0.00
70		Naphthalene	10.000	8.881	11.2	71	0.00
71		1,2,3-Trichlorobenzene	10.000	8.523	14.8	68	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-9993 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3235.D
Acq On : 18 Jun 2007 8:30
Sample : CCV-9993
Misc : CCV ,8260WAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 11:58:50 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	80	0.00
2		Dichlorodifluoromethane	0.323	0.293	9.3	73	0.00
3	P	Chloromethane	0.355	0.392	-10.4	85	0.00
4	CP	Vinyl chloride	0.317	0.353	-11.4	85	0.00
5		Bromomethane	0.256	0.263	-2.7	83	0.00
6		Chloroethane	0.228	0.246	-7.9	84	0.00
7		Trichlorofluoromethane	0.450	0.511	-13.6	84	0.00
8		Acetone	0.034	0.041	-20.6#	93	0.00
9	CPM	1,1-Dichloroethene	0.179	0.188	-5.0	80	0.00
10		Methylene chloride	0.290	0.268	7.6	86	0.00
11		trans-1,2-Dichloroethene	0.217	0.228	-5.1	85	0.00
12		Methyl tert-Butyl ether	0.414	0.478	-15.5	91	0.00
13	P	1,1-Dichloroethane	0.387	0.463	-19.6	90	0.00
		2-Butanone	0.048	0.061	-27.1#	95	0.00
		cis-1,2-Dichloroethene	0.242	0.260	-7.4	83	0.00
		Bromochloromethane	0.105	0.102	2.9	75	0.00
17	CP	Chloroform	0.380	0.440	-15.8	88	0.00
18		2,2-Dichloropropane	0.233	0.326	-39.9#	114	0.00
19	S	Dibromofluoromethane	0.197	0.201	-2.0	80	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.236	-16.8	89	0.00
21		1,2-Dichloroethane	0.231	0.288	-24.7#	92	0.00
22		1,1,1-Trichloroethane	0.290	0.353	-21.7#	96	0.00
23		1,1-Dichloropropene	0.282	0.340	-20.6#	86	0.00
24		Carbon tetrachloride	0.177	0.228	-28.8#	107	0.00
25	M	Benzene	0.995	1.167	-17.3	87	0.00
26	M	Trichloroethene	0.253	0.248	2.0	78	0.00
27		Dibromomethane	0.112	0.122	-8.9	82	0.00
28	CP	1,2-Dichloropropane	0.227	0.261	-15.0	89	0.00
29		Bromodichloromethane	0.248	0.295	-19.0	92	0.00
30		4-Methyl-2-pentanone	0.099	0.125	-26.3#	90	0.00
31		cis-1,3-Dichloropropene	0.278	0.346	-24.5#	97	0.00
32	S	Toluene-d8	0.753	0.831	-10.4	81	0.00
33	CPM	Toluene	0.562	0.659	-17.3	85	0.00
34		trans-1,3-Dichloropropene	0.209	0.283	-35.4#	106	0.00
35		1,1,2-Trichloroethane	0.144	0.159	-10.4	84	0.00
36		1,2-Dibromoethane	0.147	0.152	-3.4	80	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
		1,3-Dichloropropane	0.834	0.857	-2.8	85	0.00
		Dibromochloromethane	0.404	0.423	-4.7	94	0.00
		Tetrachloroethene	0.609	0.515	15.4	72	0.00

(#) = Out of Range

6/19/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3235.D
Acq On : 18 Jun 2007 8:30
Sample : CCV-9993
Misc : CCV ,8260WAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 11:58:50 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.708	-8.6	86	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.477	-6.0	95	0.00
43	PM	Chlorobenzene	1.736	1.653	4.8	83	0.00
44	CP	Ethylbenzene	2.749	2.942	-7.0	87	0.00
45		(m+p)-Xylene	0.909	0.944	-3.9	81	0.00
46		o-Xylene	0.847	0.875	-3.3	82	0.00
47		Styrene	1.339	1.473	-10.0	85	0.00
48	P	Bromoform	0.188	0.185	1.6	90	0.00
49	S	Bromofluorobenzene	0.726	0.634	12.7	84	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	1.009	-21.3#	84	0.00
52		Isopropylbenzene	3.255	4.284	-31.6#	83	0.00
[illegible]		1,2,3-Trichloropropane	0.682	0.810	-18.8	84	0.00
		Bromobenzene	0.844	0.886	-5.0	74	0.00
[illegible]		n-Propylbenzene	3.695	5.216	-41.2#	87	0.00
56		2-Chlorotoluene	2.498	3.339	-33.7#	87	0.00
57		4-Chlorotoluene	2.207	2.961	-34.2#	86	0.00
58		1,3,5-Trimethylbenzene	2.402	3.302	-37.5#	85	0.00
59		tert-Butylbenzene	2.006	2.558	-27.5#	81	0.00
60		1,2,4-Trimethylbenzene	2.291	3.146	-37.3#	85	0.00
61		sec-Butylbenzene	3.032	4.149	-36.8#	85	0.00
62		1,3-Dichlorobenzene	1.476	1.632	-10.6	77	0.00
63		p-Isopropyltoluene	2.255	2.985	-32.4#	83	0.00
64		1,4-Dichlorobenzene	1.501	1.600	-6.6	77	0.00
65		n-Butylbenzene	2.024	2.695	-33.2#	88	0.00
66		1,2-Dichlorobenzene	1.388	1.540	-11.0	78	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.114	-44.3#	102	0.00
68		1,2,4-Trichlorobenzene	0.735	0.702	4.5	69	0.00
69		Hexachlorobutadiene	0.294	0.281	4.4	70	0.00
70		Naphthalene	1.445	1.407	2.6	64	0.00
71		1,2,3-Trichlorobenzene	0.689	0.647	6.1	66	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3235.D
Acq On : 18 Jun 2007 8:30
Sample : CCV-9993
Misc : CCV ,8260WAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 11:58:50 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	80	0.00
2		Dichlorodifluoromethane	10.000	9.082	9.2	73	0.00
3	P	Chloromethane	10.000	11.064	-10.6	85	0.00
4	CP	Vinyl chloride	10.000	11.148	-11.5	85	0.00
5		Bromomethane	10.000	10.295	-2.9	83	0.00
6		Chloroethane	10.000	10.783	-7.8	84	0.00
7		Trichlorofluoromethane	10.000	11.335	-13.4	84	0.00
8		Acetone	20.000	24.392	-22.0#	93	0.00
9	CPM	1,1-Dichloroethene	10.000	10.505	-5.1	80	0.00
10		Methylene chloride	10.000	10.454	-4.5	86	0.00
11		trans-1,2-Dichloroethene	10.000	10.527	-5.3	85	0.00
12		Methyl tert-Butyl ether	10.000	10.306	-3.1	91	0.00
13	P	1,1-Dichloroethane	10.000	11.967	-19.7	90	0.00
[illegible]		2-Butanone	20.000	22.789	-13.9	95	0.00
		cis-1,2-Dichloroethene	10.000	10.760	-7.6	83	0.00
[illegible]		Bromochloromethane	10.000	9.740	2.6	75	0.00
17	CP	Chloroform	10.000	11.572	-15.7	88	0.00
18		2,2-Dichloropropane	10.000	12.085	-20.9#	114	0.00
19	S	Dibromofluoromethane	10.000	10.195	-2.0	80	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.341	-3.4	89	0.00
21		1,2-Dichloroethane	10.000	12.485	-24.8#	92	0.00
22		1,1,1-Trichloroethane	10.000	10.769	-7.7	96	0.00
23		1,1-Dichloropropene	10.000	10.478	-4.8	86	0.00
24		Carbon tetrachloride	10.000	10.998	-10.0	107	0.00
25	M	Benzene	10.000	11.721	-17.2	87	0.00
26	M	Trichloroethene	10.000	9.795	2.1	78	0.00
27		Dibromomethane	10.000	10.838	-8.4	82	0.00
28	CP	1,2-Dichloropropane	10.000	11.533	-15.3	89	0.00
29		Bromodichloromethane	10.000	11.917	-19.2	92	0.00
30		4-Methyl-2-pentanone	20.000	20.804	-4.0	90	0.00
31		cis-1,3-Dichloropropene	10.000	10.269	-2.7	97	0.00
32	S	Toluene-d8	10.000	9.867	1.3	81	0.00
33	CPM	Toluene	10.000	10.225	-2.2	85	0.00
34		trans-1,3-Dichloropropene	10.000	10.838	-8.4	106	0.00
35		1,1,2-Trichloroethane	10.000	11.090	-10.9	84	0.00
36		1,2-Dibromoethane	10.000	9.235	7.7	80	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	86	0.00
[illegible]		1,3-Dichloropropane	10.000	10.277	-2.8	85	0.00
		Dibromochloromethane	10.000	10.546	-5.5	94	0.00
[illegible]		Tetrachloroethene	10.000	8.466	15.3	72	0.00

(#) = Out of Range

6/19/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3235.D
Acq On : 18 Jun 2007 8:30
Sample : CCV-9993
Misc : CCV ,8260WAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 11:58:50 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.027	9.7	86	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.828	-8.3	95	0.00
43	PM	Chlorobenzene	10.000	9.519	4.8	83	0.00
44	CP	Ethylbenzene	10.000	10.704	-7.0	87	0.00
45		(m+p)-Xylene	20.000	17.947	10.3	81	0.00
46		o-Xylene	10.000	8.699	13.0	82	0.00
47		Styrene	10.000	8.853	11.5	85	0.00
48	P	Bromoform	10.000	10.257	-2.6	90	0.00
49	S	Bromofluorobenzene	10.000	9.031	9.7	84	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	74	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	12.131	-21.3#	84	0.00
52		Isopropylbenzene	10.000	11.230	-12.3	83	0.00
		1,2,3-Trichloropropane	10.000	11.871	-18.7	84	0.00
		Bromobenzene	10.000	10.494	-4.9	74	0.00
		n-Propylbenzene	10.000	12.013	-20.1#	87	0.00
56		2-Chlorotoluene	10.000	11.687	-16.9	87	0.00
57		4-Chlorotoluene	10.000	11.683	-16.8	86	0.00
58		1,3,5-Trimethylbenzene	10.000	11.601	-16.0	85	0.00
59		tert-Butylbenzene	10.000	10.639	-6.4	81	0.00
60		1,2,4-Trimethylbenzene	10.000	11.587	-15.9	85	0.00
61		sec-Butylbenzene	10.000	11.516	-15.2	85	0.00
62		1,3-Dichlorobenzene	10.000	11.053	-10.5	77	0.00
63		p-Isopropyltoluene	10.000	10.863	-8.6	83	0.00
64		1,4-Dichlorobenzene	10.000	10.663	-6.6	77	0.00
65		n-Butylbenzene	10.000	11.787	-17.9	88	0.00
66		1,2-Dichlorobenzene	10.000	11.092	-10.9	78	0.00
67		1,2-Dibromo-3-chloropropane	10.000	11.772	-17.7	102	0.00
68		1,2,4-Trichlorobenzene	10.000	8.592	14.1	69	0.00
69		Hexachlorobutadiene	10.000	9.586	4.1	70	0.00
70		Naphthalene	10.000	8.352	16.5	64	0.00
71		1,2,3-Trichlorobenzene	10.000	8.550	14.5	66	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

6/19/07

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	ug/L	**Method Blank ID:**	MB-9902
Initial Calibration ID:	973	**File ID:**	J3151.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9902
Initial Calibration ID:	973	**File ID:**	J3151.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.130	1.00	F
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	72 - 119	
4-Bromofluorobenzene	87	76 - 119	
Dibromofluoromethane	101	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9902
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9902
Initial Calibration ID:	973	**File ID:**	J3151.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	458924	349954 - 1399814	
Chlorobenzene-d5	813898	532652 - 2130606	
Fluorobenzene	2425361	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9908
Initial Calibration ID:	973	**File ID:**	J3172.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9908
Initial Calibration ID:	973	**File ID:**	J3172.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.130	1.00	F
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	119	72 - 119	
4-Bromofluorobenzene	84	76 - 119	
Dibromofluoromethane	104	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9908
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	ug/L	**Method Blank ID:**	MB-9908
Initial Calibration ID:	973	**File ID:**	J3172.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	406484	349954 - 1399814	
Chlorobenzene-d5	786803	532652 - 2130606	
Fluorobenzene	2305119	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

MB-9908

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060540

Matrix: (soil/water) WATER Lab Sample ID: MB-9908

Sample wt/vol: 5 (g/mL) ML Lab File ID: J3172.D

Level: LOW Date Received:

% Moisture: not dec. Date Analyzed: 6/13/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 1 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	2.67	1.41	J

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9935
Initial Calibration ID:	973	**File ID:**	J3197.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9935
Initial Calibration ID:	973	**File ID:**	J3197.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.190	1.00	F
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	87	76 - 119	
Dibromofluoromethane	100	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9935
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9935
Initial Calibration ID:	973	**File ID:**	J3197.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	99	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	502850	349954 - 1399814	
Chlorobenzene-d5	947560	532652 - 2130606	
Fluorobenzene	2731235	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

MB-9935

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060540

Matrix: (soil/water) WATER Lab Sample ID: MB-9935

Sample wt/vol: 5 (g/mL) ML Lab File ID: J3197.D

Level: LOW Date Received:

% Moisture: not dec. Date Analyzed: 6/14/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 1 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	2.66	1.38	J

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9963
Initial Calibration ID:	973	**File ID:**	J3219.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	ug/L	**Method Blank ID:**	MB-9963
Initial Calibration ID:	973	**File ID:**	J3219.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.220	1.00	F
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	72 - 119	
4-Bromofluorobenzene	88	76 - 119	
Dibromofluoromethane	103	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9963
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9963
Initial Calibration ID:	973	**File ID:**	J3219.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	97	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	433880	349954 - 1399814	
Chlorobenzene-d5	799665	532652 - 2130606	
Fluorobenzene	2378480	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9993
Initial Calibration ID:	973	**File ID:**	J3240.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9993
Initial Calibration ID:	973	**File ID:**	J3240.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.140	1.00	F
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	113	72 - 119	
4-Bromofluorobenzene	89	76 - 119	
Dibromofluoromethane	106	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9993
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	ug/L	**Method Blank ID:**	MB-9993
Initial Calibration ID:	973	**File ID:**	J3240.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	448327	349954 - 1399814	
Chlorobenzene-d5	888655	532652 - 2130606	
Fluorobenzene	2577773	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

MB-9993

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060540

Matrix: (soil/water) WATER Lab Sample ID: MB-9993

Sample wt/vol: 5 (g/mL) ML Lab File ID: J3240.D

Level: LOW Date Received:

% Moisture: not dec. Date Analyzed: 6/18/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 1 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	2.73	1.07	J

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9902

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9902 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3149.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.6	93	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.2	102	81 - 129	
1,1,1-Trichloroethane	10	9.86	99	67 - 132	
1,1,2,2-Tetrachloroethane	10	10.5	105	63 - 128	
1,1,2-Trichloroethane	10	10.7	107	75 - 125	
1,1-Dichloroethane	10	11.2	112	69 - 133	
1,1-Dichloroethene	10	10.7	107	68 - 130	
1,1-Dichloropropene	10	10.0	100	73 - 132	
1,2,3-Trichlorobenzene	10	9.25	92	67 - 137	
1,2,3-Trichloropropane	10	10.3	103	73 - 124	
1,2,4-Trichlorobenzene	10	8.94	89	66 - 134	
1,2,4-Trimethylbenzene	10	9.95	100	74 - 132	
1,2-Dibromo-3-chloropropane	10	9.56	96	50 - 132	
1,2-Dibromoethane	10	9.30	93	80 - 121	
1,2-Dichlorobenzene	10	10.8	108	71 - 122	
1,2-Dichloroethane	10	11.5	115	69 - 132	
1,2-Dichloropropane	10	10.8	108	75 - 125	
1,3,5-Trimethylbenzene	10	10.0	101	74 - 131	
1,3-Dichlorobenzene	10	10.8	108	75 - 124	
1,3-Dichloropropane	10	10.4	104	73 - 126	
1,4-Dichlorobenzene	10	10.6	106	74 - 123	
1-Chlorohexane	10	9.16	92	70 - 125	
2,2-Dichloropropane	10	10.6	106	69 - 137	
2-Butanone	20	21.9	110	49 - 136	
2-Chlorotoluene	10	10.3	103	73 - 126	
4-Chlorotoluene	10	10.3	103	74 - 128	
4-Methyl-2-pentanone	20	20.2	101	58 - 134	
Acetone	20	26.7	134	40 - 135	
Benzene	10	10.9	109	81 - 122	
Bromobenzene	10	10.6	106	76 - 124	
Bromochloromethane	10	10.2	102	65 - 129	
Bromodichloromethane	10	10.2	102	76 - 121	
Bromoform	10	9.81	98	69 - 128	
Bromomethane	10	10.6	106	30 - 141	
Carbon tetrachloride	10	9.55	96	66 - 138	
Chlorobenzene	10	9.79	98	81 - 122	
Chloroethane	10	11.2	112	58 - 133	
Chloroform	10	10.8	108	69 - 128	
Chloromethane	10	10.8	108	56 - 131	
cis-1,2-Dichloroethene	10	10.3	103	72 - 126	
cis-1,3-Dichloropropene	10	9.59	96	69 - 131	
Dibromochloromethane	10	9.43	94	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9902

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9902 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3149.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.6	106	76 - 125	
Dichlorodifluoromethane	10	9.45	94	30 - 153	
Ethylbenzene	10	10.5	105	73 - 127	
Hexachlorobutadiene	10	9.89	99	67 - 131	
Isopropylbenzene	10	10.1	101	75 - 127	
Methyl tert-butyl ether	10	10.1	101	65 - 123	
Methylene chloride	10	10.0	100	63 - 137	
n-Butylbenzene	10	10.0	100	69 - 137	
n-Propylbenzene	10	10.4	104	72 - 129	
Naphthalene	10	9.43	94	54 - 138	
o-Xylene	10	8.97	90	80 - 121	
p-Isopropyltoluene	10	9.81	98	73 - 130	
sec-Butylbenzene	10	10.4	104	72 - 127	
Styrene	10	9.12	91	65 - 134	
tert-Butylbenzene	10	9.82	98	70 - 129	
Tetrachloroethene	10	9.54	95	66 - 128	
Toluene	10	9.72	97	77 - 122	
trans-1,2-Dichloroethene	10	10.2	102	63 - 137	
trans-1,3-Dichloropropene	10	10.1	101	59 - 135	
Trichloroethene	10	10.0	100	70 - 127	
Trichlorofluoromethane	10	10.9	109	57 - 129	
Vinyl chloride	10	11.3	113	50 - 134	
Xylenes (total)	30	27.6	92	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	72 - 119	
4-Bromofluorobenzene	91	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	100	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	639333	349954 - 1399814	
Chlorobenzene-d5	1001014	532652 - 2130606	
Fluorobenzene	2710481	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9908

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9908 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3170.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.6	93	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.7	107	81 - 129	
1,1,1-Trichloroethane	10	10.3	103	67 - 132	
1,1,2,2-Tetrachloroethane	10	11.1	111	63 - 128	
1,1,2-Trichloroethane	10	10.9	109	75 - 125	
1,1-Dichloroethane	10	11.3	113	69 - 133	
1,1-Dichloroethene	10	10.7	107	68 - 130	
1,1-Dichloropropene	10	10.2	102	73 - 132	
1,2,3-Trichlorobenzene	10	9.17	92	67 - 137	
1,2,3-Trichloropropane	10	11.2	112	73 - 124	
1,2,4-Trichlorobenzene	10	8.88	89	66 - 134	
1,2,4-Trimethylbenzene	10	10.6	106	74 - 132	
1,2-Dibromo-3-chloropropane	10	9.92	99	50 - 132	
1,2-Dibromoethane	10	9.69	97	80 - 121	
1,2-Dichlorobenzene	10	11.0	110	71 - 122	
1,2-Dichloroethane	10	11.9	119	69 - 132	
1,2-Dichloropropane	10	11.1	111	75 - 125	
1,3,5-Trimethylbenzene	10	10.5	105	74 - 131	
1,3-Dichlorobenzene	10	10.9	109	75 - 124	
1,3-Dichloropropane	10	10.4	104	73 - 126	
1,4-Dichlorobenzene	10	10.7	107	74 - 123	
1-Chlorohexane	10	9.19	92	70 - 125	
2,2-Dichloropropane	10	12.0	120	69 - 137	
2-Butanone	20	22.0	110	49 - 136	
2-Chlorotoluene	10	10.7	107	73 - 126	
4-Chlorotoluene	10	10.7	107	74 - 128	
4-Methyl-2-pentanone	20	20.7	103	58 - 134	
Acetone	20	25.8	129	40 - 135	
Benzene	10	11.2	112	81 - 122	
Bromobenzene	10	10.5	105	76 - 124	
Bromochloromethane	10	10.1	101	65 - 129	
Bromodichloromethane	10	11.1	111	76 - 121	
Bromoform	10	9.96	100	69 - 128	
Bromomethane	10	10.6	106	30 - 141	
Carbon tetrachloride	10	10.2	102	66 - 138	
Chlorobenzene	10	9.94	99	81 - 122	
Chloroethane	10	11.9	119	58 - 133	
Chloroform	10	11.2	112	69 - 128	
Chloromethane	10	11.1	111	56 - 131	
cis-1,2-Dichloroethene	10	10.6	106	72 - 126	
cis-1,3-Dichloropropene	10	10.0	100	69 - 131	
Dibromochloromethane	10	9.96	100	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9908

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9908 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3170.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.7	107	76 - 125	
Dichlorodifluoromethane	10	9.91	99	30 - 153	
Ethylbenzene	10	10.8	108	73 - 127	
Hexachlorobutadiene	10	10.4	104	67 - 131	
Isopropylbenzene	10	10.3	103	75 - 127	
Methyl tert-butyl ether	10	10.2	102	65 - 123	
Methylene chloride	10	10.4	104	63 - 137	
n-Butylbenzene	10	10.9	109	69 - 137	
n-Propylbenzene	10	10.9	109	72 - 129	
Naphthalene	10	9.05	90	54 - 138	
o-Xylene	10	8.91	89	80 - 121	
p-Isopropyltoluene	10	10.2	102	73 - 130	
sec-Butylbenzene	10	10.7	107	72 - 127	
Styrene	10	9.27	93	65 - 134	
tert-Butylbenzene	10	10.0	101	70 - 129	
Tetrachloroethene	10	9.44	94	66 - 128	
Toluene	10	10.1	101	77 - 122	
trans-1,2-Dichloroethene	10	10.3	103	63 - 137	
trans-1,3-Dichloropropene	10	10.7	107	59 - 135	
Trichloroethene	10	9.99	100	70 - 127	
Trichlorofluoromethane	10	11.1	111	57 - 129	
Vinyl chloride	10	11.4	114	50 - 134	
Xylenes (total)	30	27.5	92	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	580027	349954 - 1399814	
Chlorobenzene-d5	919797	532652 - 2130606	
Fluorobenzene	2459119	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9935 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3194.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.9	94	76 - 128	
1,1,1,2-Tetrachloroethane	10	11.7	117	81 - 129	
1,1,1-Trichloroethane	10	10.2	102	67 - 132	
1,1,2,2-Tetrachloroethane	10	12.4	124	63 - 128	
1,1,2-Trichloroethane	10	11.1	111	75 - 125	
1,1-Dichloroethane	10	11.3	113	69 - 133	
1,1-Dichloroethene	10	10.5	105	68 - 130	
1,1-Dichloropropene	10	10.1	101	73 - 132	
1,2,3-Trichlorobenzene	10	9.65	97	67 - 137	
1,2,3-Trichloropropane	10	12.2	123	73 - 124	
1,2,4-Trichlorobenzene	10	9.39	94	66 - 134	
1,2,4-Trimethylbenzene	10	11.1	111	74 - 132	
1,2-Dibromo-3-chloropropane	10	11.0	110	50 - 132	
1,2-Dibromoethane	10	9.66	97	80 - 121	
1,2-Dichlorobenzene	10	11.2	112	71 - 122	
1,2-Dichloroethane	10	11.3	113	69 - 132	
1,2-Dichloropropane	10	11.2	112	75 - 125	
1,3,5-Trimethylbenzene	10	11.1	111	74 - 131	
1,3-Dichlorobenzene	10	11.2	112	75 - 124	
1,3-Dichloropropane	10	11.6	116	73 - 126	
1,4-Dichlorobenzene	10	11.0	110	74 - 123	
1-Chlorohexane	10	9.78	98	70 - 125	
2,2-Dichloropropane	10	11.6	116	69 - 137	
2-Butanone	20	23.3	116	49 - 136	
2-Chlorotoluene	10	11.4	114	73 - 126	
4-Chlorotoluene	10	11.1	111	74 - 128	
4-Methyl-2-pentanone	20	21.2	106	58 - 134	
Acetone	20	26.0	130	40 - 135	
Benzene	10	11.2	112	81 - 122	
Bromobenzene	10	10.8	108	76 - 124	
Bromochloromethane	10	10.2	102	65 - 129	
Bromodichloromethane	10	11.0	110	76 - 121	
Bromoform	10	11.4	114	69 - 128	
Bromomethane	10	9.94	99	30 - 141	
Carbon tetrachloride	10	10.2	102	66 - 138	
Chlorobenzene	10	10.2	102	81 - 122	
Chloroethane	10	9.71	97	58 - 133	
Chloroform	10	10.8	108	69 - 128	
Chloromethane	10	9.81	98	56 - 131	
cis-1,2-Dichloroethene	10	10.8	108	72 - 126	
cis-1,3-Dichloropropene	10	10.2	103	69 - 131	
Dibromochloromethane	10	11.5	115	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9935 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): ug/L **File ID:** J3194.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.7	107	76 - 125	
Dichlorodifluoromethane	10	9.29	93	30 - 153	
Ethylbenzene	10	10.8	108	73 - 127	
Hexachlorobutadiene	10	10.5	105	67 - 131	
Isopropylbenzene	10	11.0	110	75 - 127	
Methyl tert-butyl ether	10	10.8	108	65 - 123	
Methylene chloride	10	10.3	103	63 - 137	
n-Butylbenzene	10	11.0	110	69 - 137	
n-Propylbenzene	10	11.5	115	72 - 129	
Naphthalene	10	10.0	100	54 - 138	
o-Xylene	10	9.34	93	80 - 121	
p-Isopropyltoluene	10	10.6	106	73 - 130	
sec-Butylbenzene	10	11.2	112	72 - 127	
Styrene	10	9.21	92	65 - 134	
tert-Butylbenzene	10	10.8	108	70 - 129	
Tetrachloroethene	10	9.59	96	66 - 128	
Toluene	10	9.49	95	77 - 122	
trans-1,2-Dichloroethene	10	10.4	104	63 - 137	
trans-1,3-Dichloropropene	10	10.8	108	59 - 135	
Trichloroethene	10	10.0	100	70 - 127	
Trichlorofluoromethane	10	10.4	104	57 - 129	
Vinyl chloride	10	11.0	110	50 - 134	
Xylenes (total)	30	28.2	94	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	94	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	659630	349954 - 1399814	
Chlorobenzene-d5	1092460	532652 - 2130606	
Fluorobenzene	3214584	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-9935 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): ug/L **File ID:** J3195.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	19.5	97	76 - 128	
1,1,1,2-Tetrachloroethane	10	11.2	112	81 - 129	
1,1,1-Trichloroethane	10	10.2	102	67 - 132	
1,1,2,2-Tetrachloroethane	10	12.2	122	63 - 128	
1,1,2-Trichloroethane	10	11.7	117	75 - 125	
1,1-Dichloroethane	10	11.4	114	69 - 133	
1,1-Dichloroethene	10	10.7	107	68 - 130	
1,1-Dichloropropene	10	10.3	103	73 - 132	
1,2,3-Trichlorobenzene	10	9.91	99	67 - 137	
1,2,3-Trichloropropane	10	11.7	117	73 - 124	
1,2,4-Trichlorobenzene	10	9.86	99	66 - 134	
1,2,4-Trimethylbenzene	10	11.4	114	74 - 132	
1,2-Dibromo-3-chloropropane	10	12.2	122	50 - 132	
1,2-Dibromoethane	10	9.89	99	80 - 121	
1,2-Dichlorobenzene	10	11.6	116	71 - 122	
1,2-Dichloroethane	10	11.7	117	69 - 132	
1,2-Dichloropropane	10	11.5	115	75 - 125	
1,3,5-Trimethylbenzene	10	11.5	115	74 - 131	
1,3-Dichlorobenzene	10	11.7	117	75 - 124	
1,3-Dichloropropane	10	11.0	110	73 - 126	
1,4-Dichlorobenzene	10	11.4	114	74 - 123	
1-Chlorohexane	10	9.86	99	70 - 125	
2,2-Dichloropropane	10	12.0	120	69 - 137	
2-Butanone	20	23.9	119	49 - 136	
2-Chlorotoluene	10	11.6	116	73 - 126	
4-Chlorotoluene	10	11.5	115	74 - 128	
4-Methyl-2-pentanone	20	22.1	110	58 - 134	
Acetone	20	25.8	129	40 - 135	
Benzene	10	11.5	115	81 - 122	
Bromobenzene	10	11.4	114	76 - 124	
Bromochloromethane	10	10.4	104	65 - 129	
Bromodichloromethane	10	11.2	112	76 - 121	
Bromoform	10	10.9	109	69 - 128	
Bromomethane	10	10.1	101	30 - 141	
Carbon tetrachloride	10	10.4	104	66 - 138	
Chlorobenzene	10	10.3	103	81 - 122	
Chloroethane	10	10.6	106	58 - 133	
Chloroform	10	10.8	108	69 - 128	
Chloromethane	10	10.5	105	56 - 131	
cis-1,2-Dichloroethene	10	10.8	108	72 - 126	
cis-1,3-Dichloropropene	10	10.6	106	69 - 131	
Dibromochloromethane	10	10.9	109	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-9935 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3195.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.8	108	76 - 125	
Dichlorodifluoromethane	10	9.44	94	30 - 153	
Ethylbenzene	10	11.2	112	73 - 127	
Hexachlorobutadiene	10	10.0	100	67 - 131	
Isopropylbenzene	10	11.4	114	75 - 127	
Methyl tert-butyl ether	10	11.1	111	65 - 123	
Methylene chloride	10	10.4	104	63 - 137	
n-Butylbenzene	10	11.5	115	69 - 137	
n-Propylbenzene	10	11.8	118	72 - 129	
Naphthalene	10	11.0	110	54 - 138	
o-Xylene	10	9.50	95	80 - 121	
p-Isopropyltoluene	10	10.8	108	73 - 130	
sec-Butylbenzene	10	11.3	113	72 - 127	
Styrene	10	9.47	95	65 - 134	
tert-Butylbenzene	10	10.9	109	70 - 129	
Tetrachloroethene	10	9.37	94	66 - 128	
Toluene	10	10.2	102	77 - 122	
trans-1,2-Dichloroethene	10	10.3	103	63 - 137	
trans-1,3-Dichloropropene	10	10.8	108	59 - 135	
Trichloroethene	10	10.1	101	70 - 127	
Trichlorofluoromethane	10	10.5	105	57 - 129	
Vinyl chloride	10	11.3	113	50 - 134	
Xylenes (total)	30	29.0	97	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	72 - 119	
4-Bromofluorobenzene	92	76 - 119	
Dibromofluoromethane	98	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	666436	349954 - 1399814	
Chlorobenzene-d5	1127510	532652 - 2130606	
Fluorobenzene	3077288	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9963 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3216.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.3	92	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.3	103	81 - 129	
1,1,1-Trichloroethane	10	10.6	106	67 - 132	
1,1,2,2-Tetrachloroethane	10	12.3	123	63 - 128	
1,1,2-Trichloroethane	10	11.7	117	75 - 125	
1,1-Dichloroethane	10	12.3	123	69 - 133	
1,1-Dichloroethene	10	11.0	110	68 - 130	
1,1-Dichloropropene	10	10.9	109	73 - 132	
1,2,3-Trichlorobenzene	10	10.8	108	67 - 137	
1,2,3-Trichloropropane	10	12.2	122	73 - 124	
1,2,4-Trichlorobenzene	10	10.3	103	66 - 134	
1,2,4-Trimethylbenzene	10	11.6	116	74 - 132	
1,2-Dibromo-3-chloropropane	10	13.2	132	50 - 132	
1,2-Dibromoethane	10	9.56	96	80 - 121	
1,2-Dichlorobenzene	10	11.2	112	71 - 122	
1,2-Dichloroethane	10	12.8	128	69 - 132	
1,2-Dichloropropane	10	12.0	120	75 - 125	
1,3,5-Trimethylbenzene	10	11.4	114	74 - 131	
1,3-Dichlorobenzene	10	11.3	113	75 - 124	
1,3-Dichloropropane	10	10.8	108	73 - 126	
1,4-Dichlorobenzene	10	11.0	110	74 - 123	
1-Chlorohexane	10	9.25	92	70 - 125	
2,2-Dichloropropane	10	11.8	118	69 - 137	
2-Butanone	20	26.3	131	49 - 136	
2-Chlorotoluene	10	11.7	117	73 - 126	
4-Chlorotoluene	10	11.7	117	74 - 128	
4-Methyl-2-pentanone	20	24.0	120	58 - 134	
Acetone	20	29.9	150	40 - 135	*
Benzene	10	11.9	119	81 - 122	
Bromobenzene	10	10.7	107	76 - 124	
Bromochloromethane	10	10.1	101	65 - 129	
Bromodichloromethane	10	11.5	115	76 - 121	
Bromoform	10	9.35	94	69 - 128	
Bromomethane	10	10.6	106	30 - 141	
Carbon tetrachloride	10	10.5	105	66 - 138	
Chlorobenzene	10	9.69	97	81 - 122	
Chloroethane	10	12.2	122	58 - 133	
Chloroform	10	11.6	116	69 - 128	
Chloromethane	10	11.8	118	56 - 131	
cis-1,2-Dichloroethene	10	11.1	111	72 - 126	
cis-1,3-Dichloropropene	10	10.6	106	69 - 131	
Dibromochloromethane	10	10.0	100	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9963 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3216.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	11.0	110	76 - 125	
Dichlorodifluoromethane	10	9.93	99	30 - 153	
Ethylbenzene	10	10.8	108	73 - 127	
Hexachlorobutadiene	10	10.8	108	67 - 131	
Isopropylbenzene	10	11.2	112	75 - 127	
Methyl tert-butyl ether	10	11.3	113	65 - 123	
Methylene chloride	10	10.7	107	63 - 137	
n-Butylbenzene	10	12.1	121	69 - 137	
n-Propylbenzene	10	12.1	121	72 - 129	
Naphthalene	10	11.3	113	54 - 138	
o-Xylene	10	8.93	89	80 - 121	
p-Isopropyltoluene	10	10.8	108	73 - 130	
sec-Butylbenzene	10	11.5	115	72 - 127	
Styrene	10	9.19	92	65 - 134	
tert-Butylbenzene	10	10.9	109	70 - 129	
Tetrachloroethene	10	8.50	85	66 - 128	
Toluene	10	10.4	104	77 - 122	
trans-1,2-Dichloroethene	10	10.4	104	63 - 137	
trans-1,3-Dichloropropene	10	11.2	112	59 - 135	
Trichloroethene	10	9.96	100	70 - 127	
Trichlorofluoromethane	10	11.4	114	57 - 129	
Vinyl chloride	10	12.2	122	50 - 134	
Xylenes (total)	30	27.2	91	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	72 - 119	
4-Bromofluorobenzene	88	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	100	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	540534	349954 - 1399814	
Chlorobenzene-d5	936175	532652 - 2130606	
Fluorobenzene	2414667	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-9963 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3217.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	19.1	96	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.8	108	81 - 129	
1,1,1-Trichloroethane	10	12.0	120	67 - 132	
1,1,2,2-Tetrachloroethane	10	13.2	132	63 - 128	*
1,1,2-Trichloroethane	10	12.3	123	75 - 125	
1,1-Dichloroethane	10	12.9	129	69 - 133	
1,1-Dichloroethene	10	12.3	123	68 - 130	
1,1-Dichloropropene	10	11.5	115	73 - 132	
1,2,3-Trichlorobenzene	10	9.74	97	67 - 137	
1,2,3-Trichloropropane	10	13.7	137	73 - 124	*
1,2,4-Trichlorobenzene	10	9.75	98	66 - 134	
1,2,4-Trimethylbenzene	10	12.2	122	74 - 132	
1,2-Dibromo-3-chloropropane	10	12.6	126	50 - 132	
1,2-Dibromoethane	10	10.2	102	80 - 121	
1,2-Dichlorobenzene	10	11.9	119	71 - 122	
1,2-Dichloroethane	10	13.1	131	69 - 132	
1,2-Dichloropropane	10	12.5	125	75 - 125	
1,3,5-Trimethylbenzene	10	12.0	120	74 - 131	
1,3-Dichlorobenzene	10	11.9	119	75 - 124	
1,3-Dichloropropane	10	11.6	116	73 - 126	
1,4-Dichlorobenzene	10	11.6	116	74 - 123	
1-Chlorohexane	10	9.58	96	70 - 125	
2,2-Dichloropropane	10	13.0	130	69 - 137	
2-Butanone	20	27.6	138	49 - 136	*
2-Chlorotoluene	10	12.3	123	73 - 126	
4-Chlorotoluene	10	12.3	123	74 - 128	
4-Methyl-2-pentanone	20	25.2	126	58 - 134	
Acetone	20	30.8	154	40 - 135	*
Benzene	10	13.0	131	81 - 122	*
Bromobenzene	10	11.3	113	76 - 124	
Bromochloromethane	10	11.7	117	65 - 129	
Bromodichloromethane	10	12.1	121	76 - 121	
Bromoform	10	10.2	102	69 - 128	
Bromomethane	10	12.2	122	30 - 141	
Carbon tetrachloride	10	12.4	124	66 - 138	
Chlorobenzene	10	10.1	101	81 - 122	
Chloroethane	10	12.1	121	58 - 133	
Chloroform	10	12.7	127	69 - 128	
Chloromethane	10	12.2	122	56 - 131	
cis-1,2-Dichloroethene	10	12.3	123	72 - 126	
cis-1,3-Dichloropropene	10	11.1	111	69 - 131	
Dibromochloromethane	10	10.6	106	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-9963 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3217.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	11.9	119	76 - 125	
Dichlorodifluoromethane	10	11.4	114	30 - 153	
Ethylbenzene	10	11.3	113	73 - 127	
Hexachlorobutadiene	10	9.44	94	67 - 131	
Isopropylbenzene	10	11.8	118	75 - 127	
Methyl tert-butyl ether	10	12.6	126	65 - 123	*
Methylene chloride	10	11.9	119	63 - 137	
n-Butylbenzene	10	12.2	122	69 - 137	
n-Propylbenzene	10	12.5	125	72 - 129	
Naphthalene	10	11.0	110	54 - 138	
o-Xylene	10	9.43	94	80 - 121	
p-Isopropyltoluene	10	11.1	111	73 - 130	
sec-Butylbenzene	10	12.0	120	72 - 127	
Styrene	10	9.45	94	65 - 134	
tert-Butylbenzene	10	11.1	111	70 - 129	
Tetrachloroethene	10	8.92	89	66 - 128	
Toluene	10	10.5	105	77 - 122	
trans-1,2-Dichloroethene	10	12.0	120	63 - 137	
trans-1,3-Dichloropropene	10	11.7	117	59 - 135	
Trichloroethene	10	10.5	105	70 - 127	
Trichlorofluoromethane	10	13.3	133	57 - 129	*
Vinyl chloride	10	13.3	133	50 - 134	
Xylenes (total)	30	28.6	95	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	72 - 119	
4-Bromofluorobenzene	91	76 - 119	
Dibromofluoromethane	112	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	524086	349954 - 1399814	
Chlorobenzene-d5	912973	532652 - 2130606	
Fluorobenzene	2424758	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9993

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9993 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3236.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	17.2	86	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.4	104	81 - 129	
1,1,1-Trichloroethane	10	10.4	104	67 - 132	
1,1,2,2-Tetrachloroethane	10	11.2	112	63 - 128	
1,1,2-Trichloroethane	10	10.5	105	75 - 125	
1,1-Dichloroethane	10	11.6	116	69 - 133	
1,1-Dichloroethene	10	10.2	102	68 - 130	
1,1-Dichloropropene	10	10.1	101	73 - 132	
1,2,3-Trichlorobenzene	10	8.42	84	67 - 137	
1,2,3-Trichloropropane	10	11.1	111	73 - 124	
1,2,4-Trichlorobenzene	10	8.18	82	66 - 134	
1,2,4-Trimethylbenzene	10	10.7	107	74 - 132	
1,2-Dibromo-3-chloropropane	10	11.4	114	50 - 132	
1,2-Dibromoethane	10	8.92	89	80 - 121	
1,2-Dichlorobenzene	10	10.3	103	71 - 122	
1,2-Dichloroethane	10	11.5	115	69 - 132	
1,2-Dichloropropane	10	11.1	111	75 - 125	
1,3,5-Trimethylbenzene	10	10.6	106	74 - 131	
1,3-Dichlorobenzene	10	10.5	105	75 - 124	
1,3-Dichloropropane	10	9.86	99	73 - 126	
1,4-Dichlorobenzene	10	10.3	103	74 - 123	
1-Chlorohexane	10	8.82	88	70 - 125	
2,2-Dichloropropane	10	11.4	114	69 - 137	
2-Butanone	20	22.6	113	49 - 136	
2-Chlorotoluene	10	10.9	109	73 - 126	
4-Chlorotoluene	10	10.8	108	74 - 128	
4-Methyl-2-pentanone	20	20.3	101	58 - 134	
Acetone	20	27.0	135	40 - 135	
Benzene	10	11.0	110	81 - 122	
Bromobenzene	10	9.97	100	76 - 124	
Bromochloromethane	10	9.55	96	65 - 129	
Bromodichloromethane	10	11.5	115	76 - 121	
Bromoform	10	10.2	102	69 - 128	
Bromomethane	10	9.79	98	30 - 141	
Carbon tetrachloride	10	10.8	108	66 - 138	
Chlorobenzene	10	9.08	91	81 - 122	
Chloroethane	10	11.3	113	58 - 133	
Chloroform	10	10.9	109	69 - 128	
Chloromethane	10	11.2	112	56 - 131	
cis-1,2-Dichloroethene	10	10.3	103	72 - 126	
cis-1,3-Dichloropropene	10	10.2	103	69 - 131	
Dibromochloromethane	10	10.5	105	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9993

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9993 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3236.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.5	105	76 - 125	
Dichlorodifluoromethane	10	9.38	94	30 - 153	
Ethylbenzene	10	10.2	102	73 - 127	
Hexachlorobutadiene	10	9.00	90	67 - 131	
Isopropylbenzene	10	10.5	105	75 - 127	
Methyl tert-butyl ether	10	10.3	103	65 - 123	
Methylene chloride	10	9.99	100	63 - 137	
n-Butylbenzene	10	11.0	110	69 - 137	
n-Propylbenzene	10	11.1	111	72 - 129	
Naphthalene	10	8.81	88	54 - 138	
o-Xylene	10	8.44	84	80 - 121	
p-Isopropyltoluene	10	9.96	100	73 - 130	
sec-Butylbenzene	10	10.6	106	72 - 127	
Styrene	10	8.62	86	65 - 134	
tert-Butylbenzene	10	10.0	100	70 - 129	
Tetrachloroethene	10	8.09	81	66 - 128	
Toluene	10	9.72	97	77 - 122	
trans-1,2-Dichloroethene	10	9.96	100	63 - 137	
trans-1,3-Dichloropropene	10	10.6	106	59 - 135	
Trichloroethene	10	9.29	93	70 - 127	
Trichlorofluoromethane	10	10.6	106	57 - 129	
Vinyl chloride	10	11.4	114	50 - 134	
Xylenes (total)	30	25.7	86	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	102	85 - 115	
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	579985	349954 - 1399814	
Chlorobenzene-d5	999692	532652 - 2130606	
Fluorobenzene	2594897	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9908

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: AOC9-TW47-GW **MS ID:** 0706054-005AMS **MSD ID:** 0706054-005AMSD

Calibration ID: 973

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	20.5	102	18.4	92	10	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	11.1	111	10.0	100	11	81 - 129	20	
1,1,1-Trichloroethane		10.0	10.3	103	10.0	100	3	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	12.1	121	12.4	124	2	63 - 128	20	
1,1,2-Trichloroethane		10.0	21.2	212	29.4	294	32	75 - 125	20	*
1,1-Dichloroethane		10.0	11.3	113	11.2	112	1	69 - 133	20	
1,1-Dichloroethene		10.0	11.2	112	10.8	108	5	68 - 130	20	
1,1-Dichloropropene		10.0	10.8	108	10.3	103	5	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	9.92	99	9.26	93	7	67 - 137	20	
1,2,3-Trichloropropane		10.0	11.4	114	12.4	124	8	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	10.1	101	9.84	98	3	66 - 134	20	
1,2,4-Trimethylbenzene	0.260	10.0	11.5	112	15.0	148	27	74 - 132	20	*
1,2-Dibromo-3-chloropropane		10.0	11.1	111	13.4	134	18	50 - 132	20	*
1,2-Dibromoethane		10.0	10.2	102	10.1	101	1	80 - 121	20	
1,2-Dichlorobenzene		10.0	12.5	125	13.0	131	4	71 - 122	20	*
1,2-Dichloroethane		10.0	11.4	114	11.3	113	1	69 - 132	20	
1,2-Dichloropropane		10.0	11.6	116	11.9	119	2	75 - 125	20	
1,3,5-Trimethylbenzene	0.260	10.0	11.9	116	14.0	138	16	74 - 131	20	*
1,3-Dichlorobenzene		10.0	11.5	115	11.1	111	4	75 - 124	20	
1,3-Dichloropropane		10.0	11.6	116	10.9	109	6	73 - 126	20	
1,4-Dichlorobenzene		10.0	12.0	120	12.2	122	2	74 - 123	20	
1-Chlorohexane		10.0	10.7	107	10.2	102	4	70 - 125	20	
2,2-Dichloropropane		10.0	11.2	112	11.3	113	1	69 - 137	20	
2-Butanone		20.0	25.7	129	32.6	163	24	49 - 136	20	*
2-Chlorotoluene		10.0	11.3	113	11.8	118	4	73 - 126	20	
4-Chlorotoluene		10.0	11.2	112	11.3	113	2	74 - 128	20	
4-Methyl-2-pentanone		20.0	21.1	106	24.6	123	15	58 - 134	20	
Acetone	1.37	20.0	19.5	91	22.1	104	12	40 - 135	20	
Benzene		10.0	11.8	118	11.4	114	4	81 - 122	20	
Bromobenzene		10.0	11.4	114	11.0	110	4	76 - 124	20	
Bromochloromethane		10.0	11.2	112	10.4	104	8	65 - 129	20	
Bromodichloromethane		10.0	10.5	105	10.9	109	3	76 - 121	20	
Bromoform		10.0	10.1	101	9.10	91	11	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9908

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: AOC9-TW47-GW **MS ID:** 0706054-005AMS **MSD ID:** 0706054-005AMSD

Calibration ID: 973

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	10.1	101	10.1	101	0	30 - 141	20	
Carbon tetrachloride		10.0	9.80	98	9.54	95	3	66 - 138	20	
Chlorobenzene	0.290	10.0	14.6	143	15.5	152	6	81 - 122	20	*
Chloroethane		10.0	10.8	108	10.7	107	1	58 - 133	20	
Chloroform		10.0	11.2	112	10.7	107	5	69 - 128	20	
Chloromethane		10.0	10.2	102	10.0	100	2	56 - 131	20	
cis-1,2-Dichloroethene		10.0	11.3	113	10.3	103	10	72 - 126	20	
cis-1,3-Dichloropropene		10.0	10.4	104	10.7	107	2	69 - 131	20	
Dibromochloromethane		10.0	10.4	104	9.60	96	8	66 - 133	20	
Dibromomethane		10.0	11.4	114	11.3	113	1	76 - 125	20	
Dichlorodifluoromethane		10.0	9.38	94	9.13	91	3	30 - 153	20	
Ethylbenzene		10.0	11.7	117	10.7	107	9	73 - 127	20	
Hexachlorobutadiene		10.0	10.4	104	10.2	102	2	67 - 131	20	
Isopropylbenzene		10.0	11.6	116	11.9	119	3	75 - 127	20	
Methyl tert-butyl ether		10.0	11.1	111	11.0	110	1	65 - 123	20	
Methylene chloride		10.0	10.5	105	10.2	102	3	63 - 137	20	
n-Butylbenzene	0.350	10.0	14.3	139	19.5	192	31	69 - 137	20	*
n-Propylbenzene		10.0	12.2	122	14.0	140	14	72 - 129	20	*
Naphthalene		10.0	10.5	105	10.3	103	2	54 - 138	20	
o-Xylene		10.0	10.6	106	9.61	96	10	80 - 121	20	
p-Isopropyltoluene	0.480	10.0	13.1	126	16.5	160	23	73 - 130	20	*
sec-Butylbenzene	0.210	10.0	13.5	133	17.4	172	25	72 - 127	20	*
Styrene		10.0	9.46	95	9.07	91	4	65 - 134	20	
tert-Butylbenzene		10.0	11.3	113	11.8	118	4	70 - 129	20	
Tetrachloroethene	4.43	10.0	15.2	108	13.5	91	11	66 - 128	20	
Toluene		10.0	10.5	105	10.3	103	2	77 - 122	20	
trans-1,2-Dichloroethene		10.0	11.0	110	10.3	103	6	63 - 137	20	
trans-1,3-Dichloropropene		10.0	10.5	105	10.9	109	3	59 - 135	20	
Trichloroethene	0.250	10.0	11.1	108	10.5	103	5	70 - 127	20	
Trichlorofluoromethane		10.0	10.7	107	10.6	106	1	57 - 129	20	
Vinyl chloride		10.0	11.0	110	10.6	106	4	50 - 134	20	
Xylenes (total)		30.0	31.1	104	28.0	94	10	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-9935 **MS ID:** LCS-9935 **MSD ID:** LCSD-9935

Calibration ID: 973

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	18.9	94	19.5	97	3	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	11.7	117	11.2	112	4	81 - 129	20	
1,1,1-Trichloroethane		10.0	10.2	102	10.2	102	0	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	12.4	124	12.2	122	2	63 - 128	20	
1,1,2-Trichloroethane		10.0	11.1	111	11.7	117	5	75 - 125	20	
1,1-Dichloroethane		10.0	11.3	113	11.4	114	1	69 - 133	20	
1,1-Dichloroethene		10.0	10.5	105	10.7	107	2	68 - 130	20	
1,1-Dichloropropene		10.0	10.1	101	10.3	103	2	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	9.65	97	9.91	99	3	67 - 137	20	
1,2,3-Trichloropropane		10.0	12.2	123	11.7	117	5	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	9.39	94	9.86	99	5	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	11.1	111	11.4	114	3	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	11.0	110	12.2	122	11	50 - 132	20	
1,2-Dibromoethane		10.0	9.66	97	9.89	99	2	80 - 121	20	
1,2-Dichlorobenzene		10.0	11.2	112	11.6	116	4	71 - 122	20	
1,2-Dichloroethane		10.0	11.3	113	11.7	117	3	69 - 132	20	
1,2-Dichloropropane		10.0	11.2	112	11.5	115	3	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	11.1	111	11.5	115	3	74 - 131	20	
1,3-Dichlorobenzene		10.0	11.2	112	11.7	117	4	75 - 124	20	
1,3-Dichloropropane		10.0	11.6	116	11.0	110	5	73 - 126	20	
1,4-Dichlorobenzene		10.0	11.0	110	11.4	114	3	74 - 123	20	
1-Chlorohexane		10.0	9.78	98	9.86	99	1	70 - 125	20	
2,2-Dichloropropane		10.0	11.6	116	12.0	120	3	69 - 137	20	
2-Butanone		20.0	23.3	116	23.9	119	3	49 - 136	20	
2-Chlorotoluene		10.0	11.4	114	11.6	116	2	73 - 126	20	
4-Chlorotoluene		10.0	11.1	111	11.5	115	3	74 - 128	20	
4-Methyl-2-pentanone		20.0	21.2	106	22.1	110	4	58 - 134	20	
Acetone		20.0	26.0	130	25.8	129	1	40 - 135	20	
Benzene		10.0	11.2	112	11.5	115	2	81 - 122	20	
Bromobenzene		10.0	10.8	108	11.4	114	5	76 - 124	20	
Bromochloromethane		10.0	10.2	102	10.4	104	2	65 - 129	20	
Bromodichloromethane		10.0	11.0	110	11.2	112	2	76 - 121	20	
Bromoform		10.0	11.4	114	10.9	109	5	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-9935 **MS ID:** LCS-9935 **MSD ID:** LCSD-9935

Calibration ID: 973

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	9.94	99	10.1	101	2	30 - 141	20	
Carbon tetrachloride		10.0	10.2	102	10.4	104	2	66 - 138	20	
Chlorobenzene		10.0	10.2	102	10.3	103	2	81 - 122	20	
Chloroethane		10.0	9.71	97	10.6	106	9	58 - 133	20	
Chloroform		10.0	10.8	108	10.8	108	0	69 - 128	20	
Chloromethane		10.0	9.81	98	10.5	105	7	56 - 131	20	
cis-1,2-Dichloroethene		10.0	10.8	108	10.8	108	0	72 - 126	20	
cis-1,3-Dichloropropene		10.0	10.2	103	10.6	106	3	69 - 131	20	
Dibromochloromethane		10.0	11.5	115	10.9	109	5	66 - 133	20	
Dibromomethane		10.0	10.7	107	10.8	108	1	76 - 125	20	
Dichlorodifluoromethane		10.0	9.29	93	9.44	94	2	30 - 153	20	
Ethylbenzene		10.0	10.8	108	11.2	112	3	73 - 127	20	
Hexachlorobutadiene		10.0	10.5	105	10.0	100	5	67 - 131	20	
Isopropylbenzene		10.0	11.0	110	11.4	114	4	75 - 127	20	
Methyl tert-butyl ether		10.0	10.8	108	11.1	111	3	65 - 123	20	
Methylene chloride		10.0	10.3	103	10.4	104	1	63 - 137	20	
n-Butylbenzene		10.0	11.0	110	11.5	115	4	69 - 137	20	
n-Propylbenzene		10.0	11.5	115	11.8	118	3	72 - 129	20	
Naphthalene		10.0	10.0	100	11.0	110	9	54 - 138	20	
o-Xylene		10.0	9.34	93	9.50	95	2	80 - 121	20	
p-Isopropyltoluene		10.0	10.6	106	10.8	108	2	73 - 130	20	
sec-Butylbenzene		10.0	11.2	112	11.3	113	1	72 - 127	20	
Styrene		10.0	9.21	92	9.47	95	3	65 - 134	20	
tert-Butylbenzene		10.0	10.8	108	10.9	109	1	70 - 129	20	
Tetrachloroethene		10.0	9.59	96	9.37	94	2	66 - 128	20	
Toluene		10.0	9.49	95	10.2	102	8	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.4	104	10.3	103	1	63 - 137	20	
trans-1,3-Dichloropropene		10.0	10.8	108	10.8	108	0	59 - 135	20	
Trichloroethene		10.0	10.0	100	10.1	101	0	70 - 127	20	
Trichlorofluoromethane		10.0	10.4	104	10.5	105	1	57 - 129	20	
Vinyl chloride		10.0	11.0	110	11.3	113	3	50 - 134	20	
Xylenes (total)		30.0	28.2	94	29.0	97	3	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): ug/L **% Solids:** 0

Parent Field Sample ID: LCSD-9963 **MS ID:** LCS-9963 **MSD ID:** LCSD-9963

Calibration ID: 973

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	18.3	92	19.1	96	4	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	10.3	103	10.8	108	5	81 - 129	20	
1,1,1-Trichloroethane		10.0	10.6	106	12.0	120	12	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	12.3	123	13.2	132	7	63 - 128	20	*
1,1,2-Trichloroethane		10.0	11.7	117	12.3	123	5	75 - 125	20	
1,1-Dichloroethane		10.0	12.3	123	12.9	129	5	69 - 133	20	
1,1-Dichloroethene		10.0	11.0	110	12.3	123	12	68 - 130	20	
1,1-Dichloropropene		10.0	10.9	109	11.5	115	5	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	10.8	108	9.74	97	10	67 - 137	20	
1,2,3-Trichloropropane		10.0	12.2	122	13.7	137	11	73 - 124	20	*
1,2,4-Trichlorobenzene		10.0	10.3	103	9.75	98	6	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	11.6	116	12.2	122	5	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	13.2	132	12.6	126	5	50 - 132	20	
1,2-Dibromoethane		10.0	9.56	96	10.2	102	6	80 - 121	20	
1,2-Dichlorobenzene		10.0	11.2	112	11.9	119	6	71 - 122	20	
1,2-Dichloroethane		10.0	12.8	128	13.1	131	2	69 - 132	20	
1,2-Dichloropropane		10.0	12.0	120	12.5	125	4	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	11.4	114	12.0	120	5	74 - 131	20	
1,3-Dichlorobenzene		10.0	11.3	113	11.9	119	5	75 - 124	20	
1,3-Dichloropropane		10.0	10.8	108	11.6	116	8	73 - 126	20	
1,4-Dichlorobenzene		10.0	11.0	110	11.6	116	5	74 - 123	20	
1-Chlorohexane		10.0	9.25	92	9.58	96	4	70 - 125	20	
2,2-Dichloropropane		10.0	11.8	118	13.0	130	10	69 - 137	20	
2-Butanone		20.0	26.3	131	27.6	138	5	49 - 136	20	*
2-Chlorotoluene		10.0	11.7	117	12.3	123	5	73 - 126	20	
4-Chlorotoluene		10.0	11.7	117	12.3	123	5	74 - 128	20	
4-Methyl-2-pentanone		20.0	24.0	120	25.2	126	5	58 - 134	20	
Acetone		20.0	29.9	150	30.8	154	3	40 - 135	20	*
Benzene		10.0	11.9	119	13.0	131	9	81 - 122	20	*
Bromobenzene		10.0	10.7	107	11.3	113	6	76 - 124	20	
Bromochloromethane		10.0	10.1	101	11.7	117	15	65 - 129	20	
Bromodichloromethane		10.0	11.5	115	12.1	121	5	76 - 121	20	
Bromoform		10.0	9.35	94	10.2	102	9	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-9963 **MS ID:** LCS-9963 **MSD ID:** LCSD-9963

Calibration ID: 973

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	10.6	106	12.2	122	14	30 - 141	20	
Carbon tetrachloride		10.0	10.5	105	12.4	124	17	66 - 138	20	
Chlorobenzene		10.0	9.69	97	10.1	101	4	81 - 122	20	
Chloroethane		10.0	12.2	122	12.1	121	0	58 - 133	20	
Chloroform		10.0	11.6	116	12.7	127	9	69 - 128	20	
Chloromethane		10.0	11.8	118	12.2	122	3	56 - 131	20	
cis-1,2-Dichloroethene		10.0	11.1	111	12.3	123	10	72 - 126	20	
cis-1,3-Dichloropropene		10.0	10.6	106	11.1	111	5	69 - 131	20	
Dibromochloromethane		10.0	10.0	100	10.6	106	6	66 - 133	20	
Dibromomethane		10.0	11.0	110	11.9	119	8	76 - 125	20	
Dichlorodifluoromethane		10.0	9.93	99	11.4	114	14	30 - 153	20	
Ethylbenzene		10.0	10.8	108	11.3	113	4	73 - 127	20	
Hexachlorobutadiene		10.0	10.8	108	9.44	94	14	67 - 131	20	
Isopropylbenzene		10.0	11.2	112	11.8	118	5	75 - 127	20	
Methyl tert-butyl ether		10.0	11.3	113	12.6	126	11	65 - 123	20	*
Methylene chloride		10.0	10.7	107	11.9	119	10	63 - 137	20	
n-Butylbenzene		10.0	12.1	121	12.2	122	1	69 - 137	20	
n-Propylbenzene		10.0	12.1	121	12.5	125	4	72 - 129	20	
Naphthalene		10.0	11.3	113	11.0	110	3	54 - 138	20	
o-Xylene		10.0	8.93	89	9.43	94	5	80 - 121	20	
p-Isopropyltoluene		10.0	10.8	108	11.1	111	3	73 - 130	20	
sec-Butylbenzene		10.0	11.5	115	12.0	120	4	72 - 127	20	
Styrene		10.0	9.19	92	9.45	94	3	65 - 134	20	
tert-Butylbenzene		10.0	10.9	109	11.1	111	2	70 - 129	20	
Tetrachloroethene		10.0	8.50	85	8.92	89	5	66 - 128	20	
Toluene		10.0	10.4	104	10.5	105	1	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.4	104	12.0	120	15	63 - 137	20	
trans-1,3-Dichloropropene		10.0	11.2	112	11.7	117	4	59 - 135	20	
Trichloroethene		10.0	9.96	100	10.5	105	5	70 - 127	20	
Trichlorofluoromethane		10.0	11.4	114	13.3	133	15	57 - 129	20	*
Vinyl chloride		10.0	12.2	122	13.3	133	9	50 - 134	20	
Xylenes (total)		30.0	27.2	91	28.6	95	5	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R9902

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW44-GW	0706054-004A	11-Jun-07	12-Jun-07	12-Jun-07			12-Jun-07	14	1.2	
AOC9-LS-GW	0706054-006A	12-Jun-07	12-Jun-07	12-Jun-07			12-Jun-07	14	0.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R9908

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TB01	0706054-001A	11-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	2	
AOC9-TW41-GW	0706054-002A	11-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	1.8	
AOC9-TW43-GW	0706054-003A	11-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	1.8	
AOC9-TW44-GW DL	0706054-004ADL	11-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	1.7	
AOC9-TW47-GW	0706054-005A	12-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	1	
AOC9-TW47-GW	0706054-005AMS	12-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	1.4	
AOC9-TW47-GW	0706054-005AMSD	12-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	1.2	
AOC9-TW68-GW	0706054-007A	12-Jun-07	12-Jun-07	13-Jun-07			13-Jun-07	14	1	
AOC9-TW69-GW	0706067-002A	12-Jun-07	13-Jun-07	13-Jun-07			13-Jun-07	14	1.1	
AOC9-TW70-GW	0706067-003A	12-Jun-07	13-Jun-07	13-Jun-07			13-Jun-07	14	1	
AOC9-TW71-GW	0706067-004A	12-Jun-07	13-Jun-07	13-Jun-07			13-Jun-07	14	1.1	
AOC9-TW52-GW	0706067-005A	12-Jun-07	13-Jun-07	13-Jun-07			13-Jun-07	14	1.1	
AOC9-TW62-GW	0706067-010A	13-Jun-07	13-Jun-07	13-Jun-07			13-Jun-07	14	0.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R9935

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TB02	0706067-001A	12-Jun-07	13-Jun-07	14-Jun-07			14-Jun-07	14	2	
AOC9-TW69-GW DL	0706067-002ADL	12-Jun-07	13-Jun-07	14-Jun-07			14-Jun-07	14	2.1	
AOC9-TW45-GW	0706067-006A	12-Jun-07	13-Jun-07	14-Jun-07			14-Jun-07	14	2	
AOC9-TW67-GW	0706067-007A	13-Jun-07	13-Jun-07	14-Jun-07			14-Jun-07	14	1.3	
AOC9-TW67-GW/D	0706067-008A	13-Jun-07	13-Jun-07	14-Jun-07			14-Jun-07	14	1.2	
AOC9-TW65-GW	0706067-009A	13-Jun-07	13-Jun-07	14-Jun-07			14-Jun-07	14	1.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R9963

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW70-GW DL	0706067-003ADL	12-Jun-07	13-Jun-07	15-Jun-07			15-Jun-07	14	3.1	
AOC9-TW71-GW DL	0706067-004ADL	12-Jun-07	13-Jun-07	15-Jun-07			15-Jun-07	14	3.2	
AOC9-TW45-GW DL	0706067-006ADL	12-Jun-07	13-Jun-07	15-Jun-07			15-Jun-07	14	3.1	
AOC9-TB03	0706077-001A	13-Jun-07	14-Jun-07	15-Jun-07			15-Jun-07	14	2.1	
AOC9-TW80-GW	0706077-004A	14-Jun-07	14-Jun-07	15-Jun-07			15-Jun-07	14	1.2	
AOC9-TW59-GW	0706077-005A	14-Jun-07	14-Jun-07	15-Jun-07			15-Jun-07	14	1.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R9993

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW61-GW	0706077-002A	13-Jun-07	14-Jun-07	18-Jun-07			18-Jun-07	14	5	
AOC9-TW56-GW	0706077-003A	14-Jun-07	14-Jun-07	18-Jun-07			18-Jun-07	14	4.4	
AOC9-TW79-GW	0706077-006A	14-Jun-07	14-Jun-07	18-Jun-07			18-Jun-07	14	4.2	
AOC9-TW77-GW	0706077-007A	14-Jun-07	14-Jun-07	18-Jun-07			18-Jun-07	14	4.2	
AOC9-TW77-GW/D	0706077-008A	14-Jun-07	14-Jun-07	18-Jun-07			18-Jun-07	14	4.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB060107A3	TB060107A3	01-Jun-07	12:09	01-Jun-07	12:39
ICAL 0.3PPB	ICAL 0.3PPB	01-Jun-07	12:39	01-Jun-07	13:14
ICAL 0.5PPB	ICAL 0.5PPB	01-Jun-07	13:14	01-Jun-07	13:48
ICAL 2.0PPB	ICAL 2.0PPB	01-Jun-07	13:48	01-Jun-07	14:22
ICAL 10PPB	ICAL 10PPB	01-Jun-07	14:22	01-Jun-07	14:56
ICAL 20PPB	ICAL 20PPB	01-Jun-07	14:56	01-Jun-07	15:31
ICAL 30PPB	ICAL 30PPB	01-Jun-07	15:31	01-Jun-07	16:05
ICAL 40PPB	ICAL 40PPB	01-Jun-07	16:05	01-Jun-07	17:48
ICV-9809	ICV-9809	01-Jun-07	17:48	01-Jun-07	17:48
TB061207A3	TB061207A3	12-Jun-07	13:34	12-Jun-07	14:05
CCV-9902	CCV-9902	12-Jun-07	14:05	12-Jun-07	14:43
LCS-9902	LCS-9902	12-Jun-07	14:43	12-Jun-07	15:52
MB-9902	MB-9902	12-Jun-07	15:52	12-Jun-07	22:09
AOC9-TW44-GW	0706054-004A	12-Jun-07	22:09	12-Jun-07	23:51
AOC9-LS-GW	0706054-006A	12-Jun-07	23:51	12-Jun-07	23:51
TB061307A3	TB061307A3	13-Jun-07	6:37	13-Jun-07	7:09
CCV-9908	CCV-9908	13-Jun-07	7:09	13-Jun-07	7:45
LCS-9908	LCS-9908	13-Jun-07	7:45	13-Jun-07	8:54
MB-9908	MB-9908	13-Jun-07	8:54	13-Jun-07	9:28
AOC9-TW41-GW	0706054-002A	13-Jun-07	9:28	13-Jun-07	10:02
AOC9-TW43-GW	0706054-003A	13-Jun-07	10:02	13-Jun-07	10:36
AOC9-TW47-GW	0706054-005A	13-Jun-07	10:36	13-Jun-07	11:11
AOC9-TW44-GW DL	0706054-004ADL	13-Jun-07	11:11	13-Jun-07	11:45
AOC9-TW68-GW	0706054-007A	13-Jun-07	11:45	13-Jun-07	12:54
AOC9-TB01	0706054-001A	13-Jun-07	12:54	13-Jun-07	14:37
AOC9-TW47-GW	0706054-005AMSD	13-Jun-07	14:37	13-Jun-07	15:45
AOC9-TW69-GW	0706067-002A	13-Jun-07	15:45	13-Jun-07	16:20
AOC9-TW70-GW	0706067-003A	13-Jun-07	16:20	13-Jun-07	16:54
AOC9-TW71-GW	0706067-004A	13-Jun-07	16:54	13-Jun-07	18:03
AOC9-TW62-GW	0706067-010A	13-Jun-07	18:03	13-Jun-07	18:37
AOC9-TW52-GW	0706067-005A	13-Jun-07	18:37	13-Jun-07	19:11
AOC9-TW47-GW	0706054-005AMS	13-Jun-07	19:11	13-Jun-07	19:11
TB061407A3	TB061407A3	14-Jun-07	10:03	14-Jun-07	10:40
CCV-9935	CCV-9935	14-Jun-07	10:40	14-Jun-07	11:14
LCS-9935	LCS-9935	14-Jun-07	11:14	14-Jun-07	11:49
LCSD-9935	LCSD-9935	14-Jun-07	11:49	14-Jun-07	12:57
MB-9935	MB-9935	14-Jun-07	12:57	14-Jun-07	13:31
AOC9-TB02	0706067-001A	14-Jun-07	13:31	14-Jun-07	14:06

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
AOC9-TW67-GW/D	0706067-008A	14-Jun-07	14:06	14-Jun-07	14:40
AOC9-TW67-GW	0706067-007A	14-Jun-07	14:40	14-Jun-07	15:14
AOC9-TW65-GW	0706067-009A	14-Jun-07	15:14	14-Jun-07	15:49
AOC9-TW69-GW DL	0706067-002ADL	14-Jun-07	15:49	14-Jun-07	17:31
AOC9-TW45-GW	0706067-006A	14-Jun-07	17:31	14-Jun-07	17:31
TB061507B3	TB061507B3	15-Jun-07	11:09	15-Jun-07	11:41
CCV-9963	CCV-9963	15-Jun-07	11:41	15-Jun-07	12:24
LCS-9963	LCS-9963	15-Jun-07	12:24	15-Jun-07	12:58
LCSD-9963	LCSD-9963	15-Jun-07	12:58	15-Jun-07	14:07
MB-9963	MB-9963	15-Jun-07	14:07	15-Jun-07	14:41
AOC9-TB03	0706077-001A	15-Jun-07	14:41	15-Jun-07	15:15
AOC9-TW80-GW	0706077-004A	15-Jun-07	15:15	15-Jun-07	15:50
AOC9-TW59-GW	0706077-005A	15-Jun-07	15:50	15-Jun-07	19:15
AOC9-TW70-GW DL	0706067-003ADL	15-Jun-07	19:15	15-Jun-07	19:49
AOC9-TW71-GW DL	0706067-004ADL	15-Jun-07	19:49	15-Jun-07	20:23
AOC9-TW45-GW DL	0706067-006ADL	15-Jun-07	20:23	15-Jun-07	20:23
TB061807A3	TB061807A3	18-Jun-07	7:38	18-Jun-07	8:30
CCV-9993	CCV-9993	18-Jun-07	8:30	18-Jun-07	9:09
LCS-9993	LCS-9993	18-Jun-07	9:09	18-Jun-07	9:51
MB-9993	MB-9993	18-Jun-07	11:33	18-Jun-07	16:07
AOC9-TW61-GW	0706077-002A	18-Jun-07	16:07	18-Jun-07	16:41
AOC9-TW79-GW	0706077-006A	18-Jun-07	16:41	18-Jun-07	17:15
AOC9-TW77-GW	0706077-007A	18-Jun-07	17:15	18-Jun-07	17:50
AOC9-TW77-GW/D	0706077-008A	18-Jun-07	17:50	18-Jun-07	18:24
AOC9-TW56-GW	0706077-003A	18-Jun-07	18:24	18-Jun-07	18:24

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070601A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/1/2007 12:09:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3000.D
Compound:	SW8260B	**Sample ID:**	TB060107A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.0	
75	30 - 60% of m/z 95	50.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	68.0	
175	5 - 9% of m/z 174	7.5	
176	Greater than 95% but less than 101% of m/z 174	96.0	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070612A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/12/2007 1:34:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3147.D
Compound:	SW8260B	**Sample ID:**	TB061207A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	19.5	
75	30 - 60% of m/z 95	52.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	1.5	
174	Greater than 50% of m/z 95	61.2	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	95.4	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070613A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/13/2007 6:37:00 AM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3168.D
Compound:	SW8260B	**Sample ID:**	TB061307A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.8	
75	30 - 60% of m/z 95	53.3	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	1.2	
174	Greater than 50% of m/z 95	63.3	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.1	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070614A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/14/2007 10:03:00 AM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3192.D
Compound:	SW8260B	**Sample ID:**	TB061407A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	18.9	
75	30 - 60% of m/z 95	51.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.2	
173	Less than 2% of m/z 174	0.9	
174	Greater than 50% of m/z 95	62.0	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	96.7	
177	5 - 9% of m/z 176	6.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070615B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/15/2007 11:09:00 AM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3214.D
Compound:	SW8260B	**Sample ID:**	TB061507B3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.6	
75	30 - 60% of m/z 95	54.3	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	0.5	
174	Greater than 50% of m/z 95	56.0	
175	5 - 9% of m/z 174	8.6	
176	Greater than 95% but less than 101% of m/z 174	92.2	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070618C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/18/2007 7:38:00 AM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3234.D
Compound:	SW8260B	**Sample ID:**	TB061807A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.5	
75	30 - 60% of m/z 95	52.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.3	
173	Less than 2% of m/z 174	1.6	
174	Greater than 50% of m/z 95	79.4	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	99.2	
177	5 - 9% of m/z 176	6.6	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Monday, July 09, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0706110, 0706127

Dear Robert Meyers:

Life Science Laboratories, Inc. received samples on 6/20/2007 and 6/21/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt.. The temperatures of the coolers were 2.2°C and -1.6°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Percent Moisture	ASTM D2216	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706110, 0706127
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): Angela S / JJ 7/5/07

Supervisor/Reviewed by (Initials/Date): JW 7-9-07

QA/QC Review (Initials/Date): [illegible] 7/9/07

File Name: G:\Narratives\MSVoa\0706110msvnar.doc

GC/MS Volatile Organics

The GC/MS Volatile instruments used a Restek Rtx-502.2, 105 m x 0.53 mm ID and Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column, both with a Vocarb 3000 trap.

Holding Times and Sample Preservation

All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples were preserved.

Laboratory Control Sample

The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCSD-10023	Chloroethane	1
LCS-10091	Naphthalene	1
LCS/LCSD-10171	Naphthalene	1
LCSD-10171	1,2-Dibromo-3-chloropropane	2

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The recovery marginally exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Surrogate Standards

The following sample(s) did not meet surrogate recovery criteria:

Sample Description	Sample #	Surrogate	Corrective Action
AOC9-SB01-2 DL	0706110-002A	4-Bromofluorobenzene	1
AOC9-SB01-3	0706110-003A	4-Bromofluorobenzene	2
AOC9-SB03-1	0706127-002A	4-Bromofluorobenzene	3
		Toluene-d8	3
AOC9-SB04-2	0706127-005A	4-Bromofluorobenzene	4
AOC9-SB05-1	0706127-006A	4-Bromofluorobenzene	3

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706110, 0706127
Methodology: 8260B

1 The recovery exceeded the upper control limit, indicating a high bias. All surrogate recoveries met acceptance criteria in the undiluted analysis. No corrective action was taken.

2 The recovery met acceptance criteria when reanalyzed at the same dilution. Both sets of data are reported. No further corrective action was taken.

3 The recovery exceeded the upper control limit, indicating a high bias. Samples were initially diluted for screening purposes and were subsequently reanalyzed at appropriate dilutions (1X). All surrogates met acceptance criteria in the initial (diluted) analysis. Both sets of data are reported. No further corrective action was taken.

4 The recovery was confirmed by analysis of the sample at the same dilution. Matrix interference is suspected. Both sets of data are reported. No further corrective action was taken.

Internal Standards
The internal standard area for the following sample(s) did not meet abundance criteria:

Sample Description	Sample #	Internal Standard	Corrective Action
AOC9-SB01-3	0706110-003A	1,4-Dichlorobenzene-d4	1
AOC9-SB03-2	0706127-003A	1,4-Dichlorobenzene-d4	2
AOC9-SB04-2	0706127-005A	1,4-Dichlorobenzene-d4	2
		Chlorobenzene-d5	1

1 The recovery met acceptance criteria when reanalyzed at the same dilution. Both sets of data are reported.

2 The recovery was confirmed by analysis of the sample at the same dilution. Matrix interference is suspected. Both sets of data are reported. No further corrective action was taken.

Calibrations
The following initial calibration verification compounds exceeded method percent deviation criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
ICV-10081	MS#2	Dichlorodifluoromethane	-34.9		1

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken

The following continuing calibration compounds exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-10015	MS#3	Dichlorodifluoromethane	33.1		1

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706110, 0706127
Methodology: 8260B

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
		Chloroethane	-36.0		2
		Trichlorofluoromethane	-25.9		2
CCV-10016	MS#3	Several			2
CCV-10023	MS#3	Dichlorodifluoromethane	30.0		1
		Chloroethane	-76.3		2
		Trichlorofluoromethane	-51.1		2
		Tetrachloroethene	22.6		1
CCV-10171	MS#3	Several			2

1 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Date: *09-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706110

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706110-001A	AOC9-SB01-1		6/20/2007	6/20/2007
0706110-001B	AOC9-SB01-1		6/20/2007	6/20/2007
0706110-002A	AOC9-SB01-2		6/20/2007	6/20/2007
0706110-002B	AOC9-SB01-2		6/20/2007	6/20/2007
0706110-003A	AOC9-SB01-3		6/20/2007	6/20/2007
0706110-003B	AOC9-SB01-3		6/20/2007	6/20/2007
0706110-004A	AOC9-SB02-1		6/20/2007	6/20/2007
0706110-004B	AOC9-SB02-1		6/20/2007	6/20/2007

Life Science Laboratories, Inc.

Date: *09-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706127

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706127-001A	AOC9-SB02-2		6/20/2007	6/21/2007
0706127-001B	AOC9-SB02-2		6/20/2007	6/21/2007
0706127-002A	AOC9-SB03-1		6/21/2007	6/21/2007
0706127-002B	AOC9-SB03-1		6/21/2007	6/21/2007
0706127-003A	AOC9-SB03-2		6/21/2007	6/21/2007
0706127-003B	AOC9-SB03-2		6/21/2007	6/21/2007
0706127-003C	AOC9-SB03-2		6/21/2007	6/21/2007
0706127-004A	AOC9-SB04-1		6/21/2007	6/21/2007
0706127-004B	AOC9-SB04-1		6/21/2007	6/21/2007
0706127-004C	AOC9-SB04-1		6/21/2007	6/21/2007
0706127-005A	AOC9-SB04-2		6/21/2007	6/21/2007
0706127-005B	AOC9-SB04-2		6/21/2007	6/21/2007
0706127-005C	AOC9-SB04-2		6/21/2007	6/21/2007
0706127-006A	AOC9-SB05-1		6/21/2007	6/21/2007
0706127-006B	AOC9-SB05-1		6/21/2007	6/21/2007
0706127-006C	AOC9-SB05-1		6/21/2007	6/21/2007

Lab Order: 0706110
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706110-001A	AOC9-SB01-1	6/20/2007 9:27:00 AM	Soil	Volatile Organic Compounds by GC/MS - MeOH Extract		6/20/2007	6/21/2007
0706110-001B				Percent Moisture			6/21/2007
0706110-002A	AOC9-SB01-2	6/20/2007 10:00:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/20/2007	7/3/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/20/2007	6/21/2007
0706110-002B				Percent Moisture			6/21/2007
0706110-003A	AOC9-SB01-3	6/20/2007 10:30:00 AM		Volatile Organic Compounds by GC/MS			6/26/2007
				Volatile Organic Compounds by GC/MS			6/20/2007
0706110-003B				Percent Moisture			6/21/2007
0706110-004A	AOC9-SB02-1	6/20/2007 12:20:00 PM		Volatile Organic Compounds by GC/MS			6/26/2007
0706110-004B				Percent Moisture			6/21/2007

Lab Order: 0706127
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706127-001A	AOC9-SB02-2	6/20/2007 1:55:00 PM	Soil	Volatile Organic Compounds by GC/MS			6/21/2007
				Volatile Organic Compounds by GC/MS			6/26/2007
0706127-001B				Percent Moisture			6/21/2007
0706127-002A	AOC9-SB03-1	6/21/2007 9:10:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/21/2007	6/22/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/21/2007	6/25/2007
0706127-002B				Percent Moisture			6/21/2007
0706127-003A	AOC9-SB03-2	6/21/2007 9:35:00 AM		Volatile Organic Compounds by GC/MS			7/3/2007
				Volatile Organic Compounds by GC/MS			6/26/2007
				Volatile Organic Compounds by GC/MS			6/21/2007
0706127-003C				Percent Moisture			6/21/2007
0706127-004A	AOC9-SB04-1	6/21/2007 10:20:00 AM		Volatile Organic Compounds by GC/MS			6/21/2007
				Volatile Organic Compounds by GC/MS			6/26/2007
0706127-004C				Percent Moisture			6/21/2007
0706127-005A	AOC9-SB04-2	6/21/2007 10:50:00 AM		Volatile Organic Compounds by GC/MS			6/26/2007
				Volatile Organic Compounds by GC/MS			6/27/2007
				Volatile Organic Compounds by GC/MS			6/21/2007
0706127-005C				Percent Moisture			6/21/2007
0706127-006A	AOC9-SB05-1	6/21/2007 11:25:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/21/2007	6/22/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/21/2007	6/25/2007
0706127-006C				Percent Moisture			6/21/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC
Project: Former GRIFFISS AFB
Sampled by: JAMES MAYS
Client Contact: Robert Meyers Phone # (716) 6848060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's (Sysium Series Method 8260)	PCT's 4oz					= Depth ft*	PPM READINGS FID	Comments	PID
AOC9-SB01-1	6/20/07	0927	SOIL	GRAB	4	3	1					7.5'	140ppm		120ppm
AOC9-SB01-2	"	1000	"	"	4	3	1					11.0	2300ppm		293ppm
AOC9-SB01-3	"	1030	"	"	4	3	1					15.5	0ppm		4.8ppm
AOC9-SB02-1	6/20/07	1220	SOIL	GRAB	4	3	1					5.5	0ppm		2.0ppm

Relinquished by:	Date: 6/20/07 Time: 1326	Received by:	Date: 6/20/07 Time: 1326
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/20/07 Time: 2:20	Received by Lab:	Date: 6/20/07 Time: 14:20
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine
Rush (Specify) 24hr.

Temperature: -1.6°C
Custody seals INTACT

Comments:

11

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: E & E

Date and Time Received: **6/20/2007 2:20:00 PM**

Work Order Number **0706110**

Received by: ads

Checklist completed by: _____ Initials _____ Date 6/20/07

Reviewed by: MS Initials 6/20/07 Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E&E Griffiss 0706110

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706110-001→004	A		ABM	6/20/07 15:20	8260	6/20/07 15:40
0706110-001→004	B		(RL) JK	6/21/07 9:00 6/22/07 10:20	Phenol 8270	6/21/07 16:30
~~0706110-001→004~~	~~A~~					
~~07061~~						

QAQC\forms\GeneralLaboratory\Sign out.xls

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's (5gram EnCore) Method 8260	PCT's 402	Depth FT:	Readings PPM FID	Comments	Readings PPM PID
AOC9-SB02-2	6/20/07	1355	Soil	Grab	4	3	1	20.5	61.0		2.21
AOC9-SB03-1	6/21/07	0910			4	3	1	9.5	1850		301
AOC9-SB03-2	6/21/07	0935			5	3	2	11.0	0		0.92
AOC9-SB04-1		1020			5	3	2	7.5	3.21		203
AOC9-SB04-2		1050			5	3	2	18.5	0		0.30
AOC9-SB05-1	6/21/07	1125	Soil	Grab	5	3	2	7.5	900		274

6/21/07

Relinquished by:	Date: 6/21/07 Time: 1245	Received by:	Date: 6/21/07 Time: 1331
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/21/07 Time: 1430	Received by Lab:	Date: 6/21/07 Time: 1436
Shipment Method:		Airbill Number:	

Turnaround Time Required:

Routine

Rush (Specify) 24 hr.

Temperature: 2.2 °C on ice

Custody Seals INTACT

Comments:

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E**

Date and Time Received: **6/21/2007 2:36:00 PM**

Work Order Number **0706127**

Received by: ads

Checklist completed by: _____ 6-22-07 (Initials / Date)

Reviewed by: MS 6/21/07 (Initials / Date)

Matrix:

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project 0706127 E+E Griffiss

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706127-001→006	B		KM	6/21/07 16:30	PAHSIST	6/21/07 17:00
0706127-001→006	A		ABM	6/21/07 16:30	8260	6/21/07 17:00

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** 5619

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB01-1	0706110-001A
AOC9-SB01-2	0706110-002A
AOC9-SB01-2 DL	0706110-002ADL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/9/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** 5626

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB03-1	0706127-002A
AOC9-SB03-1 DL	0706127-002ADL
AOC9-SB05-1	0706127-006A
AOC9-SB05-1 DL	0706127-006ADL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Sontucci Name: Monika Sontucci

Date: 7/9/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10015

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB01-3	0706110-003A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/9/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB03-2	0706127-003A
AOC9-SB04-1	0706127-004A
AOC9-SB04-2	0706127-005A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/9/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R10069

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB01-3 RA	0706110-003ARA
AOC9-SB02-1	0706110-004A
AOC9-SB02-2	0706127-001A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/9/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB04-2 RA	0706127-005ARA

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/9/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB03-2 RA	0706127-003ARA

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/9/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-1	**Lab Sample ID:**	0706110-001A	**Matrix:**	Soil
% Solids:	90.70	**Initial Calibration ID:**	973	**File ID:**	J3315.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.115	4.41	0.115	8		U
1,1,1,2-Tetrachloroethane	0.141	2.65	0.141	8		U
1,1,1-Trichloroethane	0.123	4.41	0.123	8		U
1,1,2,2-Tetrachloroethane	0.123	2.65	0.123	8		U
1,1,2-Trichloroethane	0.221	4.41	0.221	8		U
1,1-Dichloroethane	0.0706	4.41	0.0706	8		U
1,1-Dichloroethene	0.132	5.29	0.132	8		U
1,1-Dichloropropene	0.168	4.41	0.168	8		U
1,2,3-Trichlorobenzene	0.362	4.41	0.362	8		U
1,2,3-Trichloropropane	0.203	4.41	0.203	8		U
1,2,4-Trichlorobenzene	0.291	4.41	0.291	8		U
1,2,4-Trimethylbenzene	0.0529	5.29	5.87	8		
1,2-Dibromo-3-chloropropane	0.273	8.82	0.273	8		U
1,2-Dibromoethane	0.0706	4.41	0.0706	8		U
1,2-Dichlorobenzene	0.0529	4.41	5.25	8		
1,2-Dichloroethane	0.0970	2.65	0.0970	8		U
1,2-Dichloropropane	0.194	4.41	0.194	8		U
1,3,5-Trimethylbenzene	0.0706	4.41	3.97	8		F
1,3-Dichlorobenzene	0.0970	5.29	0.0970	8		U
1,3-Dichloropropane	0.0794	2.21	0.0794	8		U
1,4-Dichlorobenzene	0.0529	2.21	61.8	8		
1-Chlorohexane	0.141	4.41	0.141	8		U
2,2-Dichloropropane	0.115	4.41	0.115	8		U
2-Butanone	0.370	17.6	0.370	8		U
2-Chlorotoluene	0.0353	4.41	0.0353	8		U
4-Chlorotoluene	0.0617	4.41	0.0617	8		U
4-Methyl-2-pentanone	0.282	17.6	0.282	8		U
Acetone	0.265	44.1	0.265	8		U
Benzene	0.0441	2.21	0.0441	8		U
Bromobenzene	0.132	4.41	0.132	8		U
Bromochloromethane	0.176	4.41	0.176	8		U
Bromodichloromethane	0.0529	2.21	0.0529	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-1	**Lab Sample ID:**	0706110-001A	**Matrix:**	Soil
% Solids:	90.70	**Initial Calibration ID:**	973	**File ID:**	J3315.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.150	5.29	0.150	8		U
Bromomethane	0.115	8.82	0.115	8		U
Carbon tetrachloride	0.106	4.41	0.106	8		U
Chlorobenzene	0.0617	2.21	100	8		
Chloroethane	0.221	4.41	0.221	8		U
Chloroform	0.0617	2.21	0.0617	8		U
Chloromethane	0.273	4.41	0.273	8		U
cis-1,2-Dichloroethene	0.141	4.41	0.141	8		U
cis-1,3-Dichloropropene	0.0794	2.65	0.0794	8		U
Dibromochloromethane	0.0617	2.65	0.0617	8		U
Dibromomethane	0.106	4.41	0.106	8		U
Dichlorodifluoromethane	0.0706	4.41	0.0706	8		U
Ethylbenzene	0.115	4.41	0.115	8		U
Hexachlorobutadiene	0.335	2.65	0.335	8		U
Isopropylbenzene	0.0441	4.41	0.662	8		F
Methyl tert-butyl ether	0.115	17.6	0.115	8		U
Methylene chloride	0.529	4.41	0.529	8		U
n-Butylbenzene	0.115	4.41	0.115	8		U
n-Propylbenzene	0.0265	4.41	0.0265	8		U
Naphthalene	0.185	4.41	2.95	8		F
o-Xylene	0.150	4.41	0.150	8		U
p-Isopropyltoluene	0.150	5.29	0.150	8		U
sec-Butylbenzene	0.0441	4.41	0.794	8		F
Styrene	0.106	4.41	0.106	8		U
tert-Butylbenzene	0.0706	4.41	0.0706	8		U
Tetrachloroethene	0.0970	4.41	0.0970	8		U
Toluene	0.0441	4.41	0.0441	8		U
trans-1,2-Dichloroethene	0.106	4.41	0.106	8		U
trans-1,3-Dichloropropene	0.132	4.41	0.132	8		U
Trichloroethene	0.106	4.41	0.106	8		U
Trichlorofluoromethane	0.0706	4.41	0.0706	8		U
Vinyl chloride	0.115	4.41	0.115	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-1	**Lab Sample ID:**	0706110-001A	**Matrix:**	Soil
% Solids:	90.70	**Initial Calibration ID:**	973	**File ID:**	J3315.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.265	8.82	0.265	8		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	643086	349954 - 1399814	
Chlorobenzene-d5	1111002	532652 - 2130606	
Fluorobenzene	3092032	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-2	**Lab Sample ID:**	0706110-002A	**Matrix:**	Soil
% Solids:	87.50	**Initial Calibration ID:**	973	**File ID:**	J3316.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.475	18.3	0.475	32		U
1,1,1,2-Tetrachloroethane	0.585	11.0	0.585	32		U
1,1,1-Trichloroethane	0.512	18.3	0.512	32		U
1,1,2,2-Tetrachloroethane	0.512	11.0	0.512	32		U
1,1,2-Trichloroethane	0.914	18.3	0.914	32		U
1,1-Dichloroethane	0.293	18.3	0.293	32		U
1,1-Dichloroethene	0.549	21.9	0.549	32		U
1,1-Dichloropropene	0.695	18.3	0.695	32		U
1,2,3-Trichlorobenzene	1.50	18.3	1.50	32		U
1,2,3-Trichloropropane	0.841	18.3	0.841	32		U
1,2,4-Trichlorobenzene	1.21	18.3	1.21	32		U
1,2,4-Trimethylbenzene	0.219	21.9	32.0	32		
1,2-Dibromo-3-chloropropane	1.13	36.6	1.13	32		U
1,2-Dibromoethane	0.293	18.3	0.293	32		U
1,2-Dichlorobenzene	0.219	18.3	918	32		J
1,2-Dichloroethane	0.402	11.0	0.402	32		U
1,2-Dichloropropane	0.805	18.3	0.805	32		U
1,3,5-Trimethylbenzene	0.293	18.3	15.0	32		F
1,3-Dichlorobenzene	0.402	21.9	18.3	32		F
1,3-Dichloropropane	0.329	9.14	0.329	32		U
1,4-Dichlorobenzene	0.219	9.14	158	32		
1-Chlorohexane	0.585	18.3	0.585	32		U
2,2-Dichloropropane	0.475	18.3	0.475	32		U
2-Butanone	1.54	73.1	1.54	32		U
2-Chlorotoluene	0.146	18.3	0.146	32		U
4-Chlorotoluene	0.256	18.3	0.256	32		U
4-Methyl-2-pentanone	1.17	73.1	1.17	32		U
Acetone	1.10	183	1.10	32		U
Benzene	0.183	9.14	0.183	32		U
Bromobenzene	0.549	18.3	0.549	32		U
Bromochloromethane	0.731	18.3	0.731	32		U
Bromodichloromethane	0.219	9.14	0.219	32		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-2	**Lab Sample ID:**	0706110-002A	**Matrix:**	Soil
% Solids:	87.50	**Initial Calibration ID:**	973	**File ID:**	J3316.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.622	21.9	0.622	32		U
Bromomethane	0.475	36.6	0.475	32		U
Carbon tetrachloride	0.439	18.3	0.439	32		U
Chlorobenzene	0.256	9.14	238	32		
Chloroethane	0.914	18.3	0.914	32		U
Chloroform	0.256	9.14	0.256	32		U
Chloromethane	1.13	18.3	1.13	32		U
cis-1,2-Dichloroethene	0.585	18.3	0.585	32		U
cis-1,3-Dichloropropene	0.329	11.0	0.329	32		U
Dibromochloromethane	0.256	11.0	0.256	32		U
Dibromomethane	0.439	18.3	0.439	32		U
Dichlorodifluoromethane	0.293	18.3	0.293	32		U
Ethylbenzene	0.475	18.3	0.475	32		U
Hexachlorobutadiene	1.39	11.0	1.39	32		U
Isopropylbenzene	0.183	18.3	6.03	32		F
Methyl tert-butyl ether	0.475	73.1	0.475	32		U
Methylene chloride	2.19	18.3	2.38	32		F
n-Butylbenzene	0.475	18.3	7.13	32		F
n-Propylbenzene	0.110	18.3	2.38	32		F
Naphthalene	0.768	18.3	11.5	32		F
o-Xylene	0.622	18.3	0.622	32		U
p-Isopropyltoluene	0.622	21.9	9.87	32		F
sec-Butylbenzene	0.183	18.3	4.57	32		F
Styrene	0.439	18.3	0.439	32		U
tert-Butylbenzene	0.293	18.3	0.293	32		U
Tetrachloroethene	0.402	18.3	0.402	32		U
Toluene	0.183	18.3	0.183	32		U
trans-1,2-Dichloroethene	0.439	18.3	0.439	32		U
trans-1,3-Dichloropropene	0.549	18.3	0.549	32		U
Trichloroethene	0.439	18.3	0.439	32		U
Trichlorofluoromethane	0.293	18.3	0.293	32		U
Vinyl chloride	0.475	18.3	0.475	32		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-2	**Lab Sample ID:**	0706110-002A	**Matrix:**	Soil
% Solids:	87.50	**Initial Calibration ID:**	973	**File ID:**	J3316.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	1.10	36.6	1.10	32		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	107	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	665378	349954 - 1399814	
Chlorobenzene-d5	1173815	532652 - 2130606	
Fluorobenzene	3237018	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-2 DL	**Lab Sample ID:**	0706110-002ADL	**Matrix:**	Soil
% Solids:	87.50	**Initial Calibration ID:**	992	**File ID:**	M1283.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.951	36.6	0.951	64		U
1,1,1,2-Tetrachloroethane	1.17	21.9	1.17	64		U
1,1,1-Trichloroethane	1.02	36.6	1.02	64		U
1,1,2,2-Tetrachloroethane	1.02	21.9	1.02	64		U
1,1,2-Trichloroethane	1.83	36.6	1.83	64		U
1,1-Dichloroethane	0.585	36.6	0.585	64		U
1,1-Dichloroethene	1.10	43.9	1.10	64		U
1,1-Dichloropropene	1.39	36.6	1.39	64		U
1,2,3-Trichlorobenzene	3.00	36.6	3.00	64		U
1,2,3-Trichloropropane	1.68	36.6	1.68	64		U
1,2,4-Trichlorobenzene	2.41	36.6	2.41	64		U
1,2,4-Trimethylbenzene	0.439	43.9	28.5	64		FJ
1,2-Dibromo-3-chloropropane	2.27	73.1	2.27	64		U
1,2-Dibromoethane	0.585	36.6	0.585	64		U
1,2-Dichlorobenzene	0.439	36.6	632	64		J
1,2-Dichloroethane	0.805	21.9	0.805	64		U
1,2-Dichloropropane	1.61	36.6	1.61	64		U
1,3,5-Trimethylbenzene	0.585	36.6	11.7	64		FJ
1,3-Dichlorobenzene	0.805	43.9	14.6	64		FJ
1,3-Dichloropropane	0.658	18.3	0.658	64		U
1,4-Dichlorobenzene	0.439	18.3	144	64		J
1-Chlorohexane	1.17	36.6	1.17	64		U
2,2-Dichloropropane	0.951	36.6	0.951	64		U
2-Butanone	3.07	146	3.07	64		U
2-Chlorotoluene	0.293	36.6	0.293	64		U
4-Chlorotoluene	0.512	36.6	0.512	64		U
4-Methyl-2-pentanone	2.34	146	2.34	64		U
Acetone	2.19	366	2.19	64		U
Benzene	0.366	18.3	0.366	64		U
Bromobenzene	1.10	36.6	1.10	64		U
Bromochloromethane	1.46	36.6	1.46	64		U
Bromodichloromethane	0.439	18.3	0.439	64		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-2 DL	**Lab Sample ID:**	0706110-002ADL	**Matrix:**	Soil
% Solids:	87.50	**Initial Calibration ID:**	992	**File ID:**	M1283.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	1.24	43.9	1.24	64		U
Bromomethane	0.951	73.1	0.951	64		U
Carbon tetrachloride	0.878	36.6	0.878	64		U
Chlorobenzene	0.512	18.3	248	64		J
Chloroethane	1.83	36.6	1.83	64		U
Chloroform	0.512	18.3	0.512	64		U
Chloromethane	2.27	36.6	2.27	64		U
cis-1,2-Dichloroethene	1.17	36.6	1.17	64		U
cis-1,3-Dichloropropene	0.658	21.9	0.658	64		U
Dibromochloromethane	0.512	21.9	0.512	64		U
Dibromomethane	0.878	36.6	0.878	64		U
Dichlorodifluoromethane	0.585	36.6	0.585	64		UQ
Ethylbenzene	0.951	36.6	0.951	64		U
Hexachlorobutadiene	2.78	21.9	2.78	64		U
Isopropylbenzene	0.366	36.6	4.02	64		FJ
Methyl tert-butyl ether	0.951	146	0.951	64		U
Methylene chloride	4.39	36.6	11.7	64		FJ
n-Butylbenzene	0.951	36.6	0.951	64		U
n-Propylbenzene	0.219	36.6	0.219	64		U
Naphthalene	1.54	36.6	4.75	64		FJ
o-Xylene	1.24	36.6	1.24	64		U
p-Isopropyltoluene	1.24	43.9	1.24	64		U
sec-Butylbenzene	0.366	36.6	0.366	64		U
Styrene	0.878	36.6	0.878	64		U
tert-Butylbenzene	0.585	36.6	0.585	64		U
Tetrachloroethene	0.805	36.6	0.805	64		U
Toluene	0.366	36.6	0.366	64		U
trans-1,2-Dichloroethene	0.878	36.6	0.878	64		U
trans-1,3-Dichloropropene	1.10	36.6	1.10	64		U
Trichloroethene	0.878	36.6	0.878	64		U
Trichlorofluoromethane	0.585	36.6	0.585	64		U
Vinyl chloride	0.951	36.6	0.951	64		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5619
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-2 DL	**Lab Sample ID:**	0706110-002ADL	**Matrix:**	Soil
% Solids:	87.50	**Initial Calibration ID:**	992	**File ID:**	M1283.D
Date Received:	20-Jun-07	**Date Extracted:**	20-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	2.19	73.1	2.19	64		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	147	84 - 118	*
Dibromofluoromethane	77	65 - 135	
Toluene-d8	96	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2679895	1128046 - 4512186	
Chlorobenzene-d5	3150115	1392345 - 5569380	
Fluorobenzene	5955397	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10015
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-3	**Lab Sample ID:**	0706110-003A	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	963	**File ID:**	J3293.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	20-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.57 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00530	0.00014	0.9		UJ
1,1,1,2-Tetrachloroethane	0.00017	0.00318	0.00017	0.9		UJ
1,1,1-Trichloroethane	0.00015	0.00530	0.00015	0.9		UJ
1,1,2,2-Tetrachloroethane	0.00015	0.00318	0.00015	0.9		UJQ
1,1,2-Trichloroethane	0.00027	0.00530	0.00027	0.9		UJ
1,1-Dichloroethane	0.00008	0.00530	0.00008	0.9		UJ
1,1-Dichloroethene	0.00016	0.00636	0.00016	0.9		UJ
1,1-Dichloropropene	0.00020	0.00530	0.00020	0.9		UJ
1,2,3-Trichlorobenzene	0.00043	0.00530	0.00043	0.9		UJQ
1,2,3-Trichloropropane	0.00024	0.00530	0.00024	0.9		UJQ
1,2,4-Trichlorobenzene	0.00035	0.00530	0.00035	0.9		UJQ
1,2,4-Trimethylbenzene	0.00006	0.00636	0.00006	0.9		UJQ
1,2-Dibromo-3-chloropropane	0.00033	0.0106	0.00033	0.9		UJQ
1,2-Dibromoethane	0.00008	0.00530	0.00008	0.9		UJ
1,2-Dichlorobenzene	0.00006	0.00530	0.000710	0.9		FJQ
1,2-Dichloroethane	0.00012	0.00318	0.00012	0.9		UJ
1,2-Dichloropropane	0.00023	0.00530	0.00023	0.9		UJ
1,3,5-Trimethylbenzene	0.00008	0.00530	0.00008	0.9		UJQ
1,3-Dichlorobenzene	0.00012	0.00636	0.00012	0.9		UJQ
1,3-Dichloropropane	0.00010	0.00265	0.00010	0.9		UJ
1,4-Dichlorobenzene	0.00006	0.00265	0.00006	0.9		UJQ
1-Chlorohexane	0.00017	0.00530	0.00017	0.9		UJ
2,2-Dichloropropane	0.00014	0.00530	0.00014	0.9		UJ
2-Butanone	0.00045	0.0212	0.00045	0.9		UJ
2-Chlorotoluene	0.00004	0.00530	0.00004	0.9		UJQ
4-Chlorotoluene	0.00007	0.00530	0.00007	0.9		UJQ
4-Methyl-2-pentanone	0.00034	0.0212	0.00034	0.9		UJ
Acetone	0.00032	0.0530	0.00032	0.9		UJ
Benzene	0.00005	0.00265	0.00005	0.9		UJ
Bromobenzene	0.00016	0.00530	0.00016	0.9		UJQ
Bromochloromethane	0.00021	0.00530	0.00021	0.9		UJ
Bromodichloromethane	0.00006	0.00265	0.00006	0.9		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10015
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-3	**Lab Sample ID:**	0706110-003A	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	963	**File ID:**	J3293.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	20-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.57 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00636	0.00018	0.9		UJ
Bromomethane	0.00014	0.0106	0.00014	0.9		UJ
Carbon tetrachloride	0.00013	0.00530	0.00013	0.9		UJ
Chlorobenzene	0.00007	0.00265	0.00007	0.9		UJ
Chloroethane	0.00027	0.00530	0.00027	0.9		UJ
Chloroform	0.00007	0.00265	0.00007	0.9		UJ
Chloromethane	0.00033	0.00530	0.00033	0.9		UJ
cis-1,2-Dichloroethene	0.00017	0.00530	0.00017	0.9		UJ
cis-1,3-Dichloropropene	0.00010	0.00318	0.00010	0.9		UJ
Dibromochloromethane	0.00007	0.00318	0.00007	0.9		UJ
Dibromomethane	0.00013	0.00530	0.00013	0.9		UJ
Dichlorodifluoromethane	0.00008	0.00530	0.00008	0.9		UJQ
Ethylbenzene	0.00014	0.00530	0.00014	0.9		UJ
Hexachlorobutadiene	0.00040	0.00318	0.00040	0.9		UJQ
Isopropylbenzene	0.00005	0.00530	0.00005	0.9		UJQ
Methyl tert-butyl ether	0.00014	0.0212	0.00014	0.9		UJ
Methylene chloride	0.00064	0.00530	0.00064	0.9		UJ
n-Butylbenzene	0.00014	0.00530	0.00014	0.9		UJQ
n-Propylbenzene	0.00003	0.00530	0.00003	0.9		UJQ
Naphthalene	0.00022	0.00530	0.00022	0.9		UJQ
o-Xylene	0.00018	0.00530	0.00018	0.9		UJ
p-Isopropyltoluene	0.00018	0.00636	0.00018	0.9		UJQ
sec-Butylbenzene	0.00005	0.00530	0.00005	0.9		UJQ
Styrene	0.00013	0.00530	0.00013	0.9		UJ
tert-Butylbenzene	0.00008	0.00530	0.00008	0.9		UJQ
Tetrachloroethene	0.00012	0.00530	0.00012	0.9		UJ
Toluene	0.00005	0.00530	0.00005	0.9		UJ
trans-1,2-Dichloroethene	0.00013	0.00530	0.00013	0.9		UJ
trans-1,3-Dichloropropene	0.00016	0.00530	0.00016	0.9		UJ
Trichloroethene	0.00013	0.00530	0.00013	0.9		UJ
Trichlorofluoromethane	0.00008	0.00530	0.00008	0.9		UJ
Vinyl chloride	0.00014	0.00530	0.00014	0.9		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10015
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-3	**Lab Sample ID:**	0706110-003A	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	963	**File ID:**	J3293.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	20-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.57 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00032	0.00530	0.00032	0.9		UJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	114	52 - 149	
4-Bromofluorobenzene	83	84 - 118	*
Dibromofluoromethane	106	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	940460	1059709 - 4238836	*
Chlorobenzene-d5	2020025	1579958 - 6319834	
Fluorobenzene	6024272	4209684 - 16838736	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-3 RA	**Lab Sample ID:**	0706110-003ARA	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	990	**File ID:**	J3410.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.77 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00013	0.00512	0.00201	0.87		F
1,1,1,2-Tetrachloroethane	0.00016	0.00307	0.00016	0.87		U
1,1,1-Trichloroethane	0.00014	0.00512	0.00014	0.87		U
1,1,2,2-Tetrachloroethane	0.00014	0.00307	0.00014	0.87		U
1,1,2-Trichloroethane	0.00026	0.00512	0.00026	0.87		U
1,1-Dichloroethane	0.00008	0.00512	0.00008	0.87		U
1,1-Dichloroethene	0.00015	0.00615	0.00015	0.87		U
1,1-Dichloropropene	0.00019	0.00512	0.00019	0.87		U
1,2,3-Trichlorobenzene	0.00042	0.00512	0.00042	0.87		U
1,2,3-Trichloropropane	0.00024	0.00512	0.00024	0.87		U
1,2,4-Trichlorobenzene	0.00034	0.00512	0.00034	0.87		U
1,2,4-Trimethylbenzene	0.00006	0.00615	0.00209	0.87		F
1,2-Dibromo-3-chloropropane	0.00032	0.0102	0.00032	0.87		U
1,2-Dibromoethane	0.00008	0.00512	0.00008	0.87		U
1,2-Dichlorobenzene	0.00006	0.00512	0.000789	0.87		F
1,2-Dichloroethane	0.00011	0.00307	0.00011	0.87		U
1,2-Dichloropropane	0.00023	0.00512	0.00023	0.87		U
1,3,5-Trimethylbenzene	0.00008	0.00512	0.000799	0.87		F
1,3-Dichlorobenzene	0.00011	0.00615	0.00011	0.87		U
1,3-Dichloropropane	0.00009	0.00256	0.00009	0.87		U
1,4-Dichlorobenzene	0.00006	0.00256	0.00155	0.87		F
1-Chlorohexane	0.00016	0.00512	0.00016	0.87		U
2,2-Dichloropropane	0.00013	0.00512	0.00013	0.87		U
2-Butanone	0.00043	0.0205	0.00043	0.87		U
2-Chlorotoluene	0.00004	0.00512	0.00004	0.87		U
4-Chlorotoluene	0.00007	0.00512	0.00007	0.87		U
4-Methyl-2-pentanone	0.00033	0.0205	0.00033	0.87		U
Acetone	0.00031	0.0512	0.00182	0.87		F
Benzene	0.00005	0.00256	0.00005	0.87		U
Bromobenzene	0.00015	0.00512	0.00015	0.87		U
Bromochloromethane	0.00020	0.00512	0.00020	0.87		U
Bromodichloromethane	0.00006	0.00256	0.00006	0.87		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-3 RA	**Lab Sample ID:**	0706110-003ARA	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	990	**File ID:**	J3410.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.77 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00017	0.00615	0.00017	0.87		U
Bromomethane	0.00013	0.0102	0.00013	0.87		U
Carbon tetrachloride	0.00012	0.00512	0.00012	0.87		U
Chlorobenzene	0.00007	0.00256	0.00007	0.87		U
Chloroethane	0.00026	0.00512	0.00026	0.87		U
Chloroform	0.00007	0.00256	0.00007	0.87		U
Chloromethane	0.00032	0.00512	0.00032	0.87		U
cis-1,2-Dichloroethene	0.00016	0.00512	0.00016	0.87		U
cis-1,3-Dichloropropene	0.00009	0.00307	0.00009	0.87		U
Dibromochloromethane	0.00007	0.00307	0.00007	0.87		U
Dibromomethane	0.00012	0.00512	0.00012	0.87		U
Dichlorodifluoromethane	0.00008	0.00512	0.00008	0.87		U
Ethylbenzene	0.00013	0.00512	0.000635	0.87		F
Hexachlorobutadiene	0.00039	0.00307	0.00039	0.87		U
Isopropylbenzene	0.00005	0.00512	0.00005	0.87		U
Methyl tert-butyl ether	0.00013	0.0205	0.00013	0.87		U
Methylene chloride	0.00061	0.00512	0.00146	0.87		F
n-Butylbenzene	0.00013	0.00512	0.00013	0.87		U
n-Propylbenzene	0.00003	0.00512	0.00003	0.87		U
Naphthalene	0.00022	0.00512	0.000810	0.87		F
o-Xylene	0.00017	0.00512	0.000748	0.87		F
p-Isopropyltoluene	0.00017	0.00615	0.00017	0.87		U
sec-Butylbenzene	0.00005	0.00512	0.00005	0.87		U
Styrene	0.00012	0.00512	0.00012	0.87		U
tert-Butylbenzene	0.00008	0.00512	0.00008	0.87		U
Tetrachloroethene	0.00011	0.00512	0.00011	0.87		U
Toluene	0.00005	0.00512	0.000553	0.87		F
trans-1,2-Dichloroethene	0.00012	0.00512	0.00012	0.87		U
trans-1,3-Dichloropropene	0.00015	0.00512	0.00015	0.87		U
Trichloroethene	0.00012	0.00512	0.00012	0.87		U
Trichlorofluoromethane	0.00008	0.00512	0.00008	0.87		U
Vinyl chloride	0.00013	0.00512	0.00013	0.87		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB01-3 RA	**Lab Sample ID:**	0706110-003ARA	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	990	**File ID:**	J3410.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.77 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00031	0.00512	0.00276	0.87		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1214682	685144 - 2740574	
Chlorobenzene-d5	2025046	1005325 - 4021300	
Fluorobenzene	5881651	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB02-1	**Lab Sample ID:**	0706110-004A	**Matrix:**	Soil
% Solids:	93.00	**Initial Calibration ID:**	990	**File ID:**	J3406.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.74 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00565	0.00193	1.05		F
1,1,1,2-Tetrachloroethane	0.00018	0.00339	0.00018	1.05		U
1,1,1-Trichloroethane	0.00016	0.00565	0.00016	1.05		U
1,1,2,2-Tetrachloroethane	0.00016	0.00339	0.00016	1.05		U
1,1,2-Trichloroethane	0.00028	0.00565	0.00028	1.05		U
1,1-Dichloroethane	0.00009	0.00565	0.00009	1.05		U
1,1-Dichloroethene	0.00017	0.00677	0.00017	1.05		U
1,1-Dichloropropene	0.00021	0.00565	0.00021	1.05		U
1,2,3-Trichlorobenzene	0.00046	0.00565	0.00046	1.05		U
1,2,3-Trichloropropane	0.00026	0.00565	0.00026	1.05		U
1,2,4-Trichlorobenzene	0.00037	0.00565	0.00037	1.05		U
1,2,4-Trimethylbenzene	0.00007	0.00677	0.00122	1.05		F
1,2-Dibromo-3-chloropropane	0.00035	0.0113	0.00035	1.05		U
1,2-Dibromoethane	0.00009	0.00565	0.00009	1.05		U
1,2-Dichlorobenzene	0.00007	0.00565	0.00007	1.05		U
1,2-Dichloroethane	0.00012	0.00339	0.00012	1.05		U
1,2-Dichloropropane	0.00025	0.00565	0.00025	1.05		U
1,3,5-Trimethylbenzene	0.00009	0.00565	0.00009	1.05		U
1,3-Dichlorobenzene	0.00012	0.00677	0.00012	1.05		U
1,3-Dichloropropane	0.00010	0.00282	0.00010	1.05		U
1,4-Dichlorobenzene	0.00007	0.00282	0.00007	1.05		U
1-Chlorohexane	0.00018	0.00565	0.00018	1.05		U
2,2-Dichloropropane	0.00015	0.00565	0.00015	1.05		U
2-Butanone	0.00047	0.0226	0.00467	1.05		F
2-Chlorotoluene	0.00005	0.00565	0.00005	1.05		U
4-Chlorotoluene	0.00008	0.00565	0.00008	1.05		U
4-Methyl-2-pentanone	0.00036	0.0226	0.00036	1.05		U
Acetone	0.00034	0.0565	0.0132	1.05		F
Benzene	0.00006	0.00282	0.00006	1.05		U
Bromobenzene	0.00017	0.00565	0.00017	1.05		U
Bromochloromethane	0.00023	0.00565	0.00023	1.05		U
Bromodichloromethane	0.00007	0.00282	0.00007	1.05		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB02-1	**Lab Sample ID:**	0706110-004A	**Matrix:**	Soil
% Solids:	93.00	**Initial Calibration ID:**	990	**File ID:**	J3406.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.74 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00677	0.00019	1.05		U
Bromomethane	0.00015	0.0113	0.00015	1.05		U
Carbon tetrachloride	0.00014	0.00565	0.00014	1.05		U
Chlorobenzene	0.00008	0.00282	0.00008	1.05		U
Chloroethane	0.00028	0.00565	0.00028	1.05		U
Chloroform	0.00008	0.00282	0.00008	1.05		U
Chloromethane	0.00035	0.00565	0.00035	1.05		U
cis-1,2-Dichloroethene	0.00018	0.00565	0.00018	1.05		U
cis-1,3-Dichloropropene	0.00010	0.00339	0.00010	1.05		U
Dibromochloromethane	0.00008	0.00339	0.00008	1.05		U
Dibromomethane	0.00014	0.00565	0.00014	1.05		U
Dichlorodifluoromethane	0.00009	0.00565	0.00009	1.05		U
Ethylbenzene	0.00015	0.00565	0.000632	1.05		F
Hexachlorobutadiene	0.00043	0.00339	0.00043	1.05		U
Isopropylbenzene	0.00006	0.00565	0.00006	1.05		U
Methyl tert-butyl ether	0.00015	0.0226	0.00015	1.05		U
Methylene chloride	0.00068	0.00565	0.00191	1.05		F
n-Butylbenzene	0.00015	0.00565	0.00015	1.05		U
n-Propylbenzene	0.00003	0.00565	0.00003	1.05		U
Naphthalene	0.00024	0.00565	0.00024	1.05		U
o-Xylene	0.00019	0.00565	0.000723	1.05		F
p-Isopropyltoluene	0.00019	0.00677	0.00019	1.05		U
sec-Butylbenzene	0.00006	0.00565	0.00006	1.05		U
Styrene	0.00014	0.00565	0.00014	1.05		U
tert-Butylbenzene	0.00009	0.00565	0.00009	1.05		U
Tetrachloroethene	0.00012	0.00565	0.00012	1.05		U
Toluene	0.00006	0.00565	0.000711	1.05		F
trans-1,2-Dichloroethene	0.00014	0.00565	0.00014	1.05		U
trans-1,3-Dichloropropene	0.00017	0.00565	0.00017	1.05		U
Trichloroethene	0.00014	0.00565	0.00129	1.05		F
Trichlorofluoromethane	0.00009	0.00565	0.00009	1.05		U
Vinyl chloride	0.00015	0.00565	0.00015	1.05		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB02-1	**Lab Sample ID:**	0706110-004A	**Matrix:**	Soil
% Solids:	93.00	**Initial Calibration ID:**	990	**File ID:**	J3406.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.74 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00565	0.00265	1.05		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	89	84 - 118	
Dibromofluoromethane	91	65 - 135	
Toluene-d8	100	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1051947	685144 - 2740574	
Chlorobenzene-d5	1952252	1005325 - 4021300	
Fluorobenzene	5775707	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB02-2	**Lab Sample ID:**	0706127-001A	**Matrix:**	Soil
% Solids:	89.70	**Initial Calibration ID:**	990	**File ID:**	J3407.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.83 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00580	0.00379	1.04		F
1,1,1,2-Tetrachloroethane	0.00019	0.00348	0.00019	1.04		U
1,1,1-Trichloroethane	0.00016	0.00580	0.00016	1.04		U
1,1,2,2-Tetrachloroethane	0.00016	0.00348	0.00016	1.04		U
1,1,2-Trichloroethane	0.00029	0.00580	0.00029	1.04		U
1,1-Dichloroethane	0.00009	0.00580	0.00009	1.04		U
1,1-Dichloroethene	0.00017	0.00696	0.00017	1.04		U
1,1-Dichloropropene	0.00022	0.00580	0.00022	1.04		U
1,2,3-Trichlorobenzene	0.00048	0.00580	0.00048	1.04		U
1,2,3-Trichloropropane	0.00027	0.00580	0.00027	1.04		U
1,2,4-Trichlorobenzene	0.00038	0.00580	0.000939	1.04		F
1,2,4-Trimethylbenzene	0.00007	0.00696	0.00872	1.04		
1,2-Dibromo-3-chloropropane	0.00036	0.0116	0.00036	1.04		U
1,2-Dibromoethane	0.00009	0.00580	0.00009	1.04		U
1,2-Dichlorobenzene	0.00007	0.00580	0.0844	1.04		
1,2-Dichloroethane	0.00013	0.00348	0.00013	1.04		U
1,2-Dichloropropane	0.00026	0.00580	0.00026	1.04		U
1,3,5-Trimethylbenzene	0.00009	0.00580	0.00277	1.04		F
1,3-Dichlorobenzene	0.00013	0.00696	0.00550	1.04		F
1,3-Dichloropropane	0.00010	0.00290	0.00010	1.04		U
1,4-Dichlorobenzene	0.00007	0.00290	0.0623	1.04		
1-Chlorohexane	0.00019	0.00580	0.00019	1.04		U
2,2-Dichloropropane	0.00015	0.00580	0.00015	1.04		U
2-Butanone	0.00049	0.0232	0.00464	1.04		F
2-Chlorotoluene	0.00005	0.00580	0.00005	1.04		U
4-Chlorotoluene	0.00008	0.00580	0.00008	1.04		U
4-Methyl-2-pentanone	0.00037	0.0232	0.00037	1.04		U
Acetone	0.00035	0.0580	0.0143	1.04		F
Benzene	0.00006	0.00290	0.000684	1.04		F
Bromobenzene	0.00017	0.00580	0.00017	1.04		U
Bromochloromethane	0.00023	0.00580	0.00023	1.04		U
Bromodichloromethane	0.00007	0.00290	0.00007	1.04		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB02-2	**Lab Sample ID:**	0706127-001A	**Matrix:**	Soil
% Solids:	89.70	**Initial Calibration ID:**	990	**File ID:**	J3407.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.83 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00696	0.00020	1.04		U
Bromomethane	0.00015	0.0116	0.00015	1.04		U
Carbon tetrachloride	0.00014	0.00580	0.00014	1.04		U
Chlorobenzene	0.00008	0.00290	0.220	1.04		
Chloroethane	0.00029	0.00580	0.00029	1.04		U
Chloroform	0.00008	0.00290	0.00008	1.04		U
Chloromethane	0.00036	0.00580	0.00036	1.04		U
cis-1,2-Dichloroethene	0.00019	0.00580	0.00019	1.04		U
cis-1,3-Dichloropropene	0.00010	0.00348	0.00010	1.04		U
Dibromochloromethane	0.00008	0.00348	0.00008	1.04		U
Dibromomethane	0.00014	0.00580	0.00014	1.04		U
Dichlorodifluoromethane	0.00009	0.00580	0.00009	1.04		U
Ethylbenzene	0.00015	0.00580	0.00264	1.04		F
Hexachlorobutadiene	0.00044	0.00348	0.00044	1.04		U
Isopropylbenzene	0.00006	0.00580	0.00231	1.04		F
Methyl tert-butyl ether	0.00015	0.0232	0.00015	1.04		U
Methylene chloride	0.00070	0.00580	0.00328	1.04		F
n-Butylbenzene	0.00015	0.00580	0.00413	1.04		F
n-Propylbenzene	0.00003	0.00580	0.00666	1.04		
Naphthalene	0.00024	0.00580	0.00718	1.04		
o-Xylene	0.00020	0.00580	0.000904	1.04		F
p-Isopropyltoluene	0.00020	0.00696	0.00020	1.04		U
sec-Butylbenzene	0.00006	0.00580	0.00305	1.04		F
Styrene	0.00014	0.00580	0.00014	1.04		U
tert-Butylbenzene	0.00009	0.00580	0.00009	1.04		U
Tetrachloroethene	0.00013	0.00580	0.00013	1.04		U
Toluene	0.00006	0.00580	0.00182	1.04		F
trans-1,2-Dichloroethene	0.00014	0.00580	0.00014	1.04		U
trans-1,3-Dichloropropene	0.00017	0.00580	0.00017	1.04		U
Trichloroethene	0.00014	0.00580	0.000672	1.04		F
Trichlorofluoromethane	0.00009	0.00580	0.00009	1.04		U
Vinyl chloride	0.00015	0.00580	0.00015	1.04		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB02-2	**Lab Sample ID:**	0706127-001A	**Matrix:**	Soil
% Solids:	89.70	**Initial Calibration ID:**	990	**File ID:**	J3407.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.83 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00580	0.00470	1.04		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1064947	685144 - 2740574	
Chlorobenzene-d5	1916600	1005325 - 4021300	
Fluorobenzene	5329902	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-1	**Lab Sample ID:**	0706127-002A	**Matrix:**	Soil
% Solids:	86.20	**Initial Calibration ID:**	986	**File ID:**	T9156.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0151	0.580	0.0151	1		U
1,1,1,2-Tetrachloroethane	0.0186	0.348	0.0186	1		U
1,1,1-Trichloroethane	0.0162	0.580	0.0162	1		U
1,1,2,2-Tetrachloroethane	0.0162	0.348	0.0162	1		U
1,1,2-Trichloroethane	0.0290	0.580	0.0290	1		U
1,1-Dichloroethane	0.00928	0.580	0.00928	1		U
1,1-Dichloroethene	0.0174	0.696	0.0174	1		U
1,1-Dichloropropene	0.0220	0.580	0.0220	1		U
1,2,3-Trichlorobenzene	0.0476	0.580	0.360	1		FJ
1,2,3-Trichloropropane	0.0267	0.580	0.0267	1		U
1,2,4-Trichlorobenzene	0.0383	0.580	1.22	1		J
1,2,4-Trimethylbenzene	0.00696	0.696	0.00696	1		U
1,2-Dibromo-3-chloropropane	0.0360	1.16	0.0360	1		U
1,2-Dibromoethane	0.00928	0.580	0.00928	1		U
1,2-Dichlorobenzene	0.00696	0.580	0.00696	1		U
1,2-Dichloroethane	0.0128	0.348	0.0128	1		U
1,2-Dichloropropane	0.0255	0.580	0.0255	1		U
1,3,5-Trimethylbenzene	0.00928	0.580	0.00928	1		U
1,3-Dichlorobenzene	0.0128	0.696	0.0128	1		U
1,3-Dichloropropane	0.0104	0.290	0.0104	1		U
1,4-Dichlorobenzene	0.00696	0.290	0.00696	1		U
1-Chlorohexane	0.0186	0.580	0.0186	1		U
2,2-Dichloropropane	0.0151	0.580	0.0151	1		U
2-Butanone	0.0487	2.32	0.0487	1		U
2-Chlorotoluene	0.00464	0.580	0.00464	1		U
4-Chlorotoluene	0.00812	0.580	0.00812	1		U
4-Methyl-2-pentanone	0.0371	2.32	0.0371	1		U
Acetone	0.0348	5.80	0.0348	1		U
Benzene	0.00580	0.290	0.00580	1		U
Bromobenzene	0.0174	0.580	0.0174	1		U
Bromochloromethane	0.0232	0.580	0.0232	1		U
Bromodichloromethane	0.00696	0.290	0.00696	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-1	**Lab Sample ID:**	0706127-002A	**Matrix:**	Soil
% Solids:	86.20	**Initial Calibration ID:**	986	**File ID:**	T9156.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0197	0.696	0.0197	1		U
Bromomethane	0.0151	1.16	0.0151	1		U
Carbon tetrachloride	0.0139	0.580	0.0139	1		U
Chlorobenzene	0.00812	0.290	0.00812	1		U
Chloroethane	0.0290	0.580	0.0290	1		U
Chloroform	0.00812	0.290	0.00812	1		U
Chloromethane	0.0360	0.580	0.0360	1		U
cis-1,2-Dichloroethene	0.0186	0.580	0.0186	1		U
cis-1,3-Dichloropropene	0.0104	0.348	0.0104	1		U
Dibromochloromethane	0.00812	0.348	0.00812	1		U
Dibromomethane	0.0139	0.580	0.0139	1		U
Dichlorodifluoromethane	0.00928	0.580	0.00928	1		U
Ethylbenzene	0.0151	0.580	0.0151	1		U
Hexachlorobutadiene	0.0441	0.348	0.0441	1		U
Isopropylbenzene	0.00580	0.580	0.00580	1		U
Methyl tert-butyl ether	0.0151	2.32	0.0151	1		U
Methylene chloride	0.0696	0.580	0.0696	1		U
n-Butylbenzene	0.0151	0.580	6.22	1		J
n-Propylbenzene	0.00348	0.580	0.00348	1		U
Naphthalene	0.0244	0.580	0.0244	1		U
o-Xylene	0.0197	0.580	0.0197	1		U
p-Isopropyltoluene	0.0197	0.696	7.67	1		J
sec-Butylbenzene	0.00580	0.580	5.61	1		J
Styrene	0.0139	0.580	0.0139	1		U
tert-Butylbenzene	0.00928	0.580	1.67	1		J
Tetrachloroethene	0.0128	0.580	0.0128	1		U
Toluene	0.00580	0.580	0.00580	1		U
trans-1,2-Dichloroethene	0.0139	0.580	0.0139	1		U
trans-1,3-Dichloropropene	0.0174	0.580	0.0174	1		U
Trichloroethene	0.0139	0.580	0.0139	1		U
Trichlorofluoromethane	0.00928	0.580	0.00928	1		U
Vinyl chloride	0.0151	0.580	0.0151	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-1	**Lab Sample ID:**	0706127-002A	**Matrix:**	Soil
% Solids:	86.20	**Initial Calibration ID:**	986	**File ID:**	T9156.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0348	1.16	0.0348	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	86	52 - 149	
4-Bromofluorobenzene	173	84 - 118	*
Dibromofluoromethane	97	65 - 135	
Toluene-d8	119	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1037053	353482 - 1413926	
Chlorobenzene-d5	883335	383378 - 1533514	
Fluorobenzene	1796272	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-1 DL	**Lab Sample ID:**	0706127-002ADL	**Matrix:**	Soil
% Solids:	86.20	**Initial Calibration ID:**	986	**File ID:**	T9054.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.965	37.1	0.965	64		U
1,1,1,2-Tetrachloroethane	1.19	22.3	1.19	64		U
1,1,1-Trichloroethane	1.04	37.1	1.04	64		U
1,1,2,2-Tetrachloroethane	1.04	22.3	1.04	64		U
1,1,2-Trichloroethane	1.86	37.1	1.86	64		U
1,1-Dichloroethane	0.594	37.1	0.594	64		U
1,1-Dichloroethene	1.11	44.5	1.11	64		U
1,1-Dichloropropene	1.41	37.1	1.41	64		U
1,2,3-Trichlorobenzene	3.04	37.1	3.04	64		U
1,2,3-Trichloropropane	1.71	37.1	1.71	64		U
1,2,4-Trichlorobenzene	2.45	37.1	2.45	64		U
1,2,4-Trimethylbenzene	0.445	44.5	0.445	64		U
1,2-Dibromo-3-chloropropane	2.30	74.2	2.30	64		U
1,2-Dibromoethane	0.594	37.1	0.594	64		U
1,2-Dichlorobenzene	0.445	37.1	0.445	64		U
1,2-Dichloroethane	0.817	22.3	0.817	64		U
1,2-Dichloropropane	1.63	37.1	1.63	64		U
1,3,5-Trimethylbenzene	0.594	37.1	0.594	64		U
1,3-Dichlorobenzene	0.817	44.5	0.817	64		U
1,3-Dichloropropane	0.668	18.6	0.668	64		U
1,4-Dichlorobenzene	0.445	18.6	0.445	64		U
1-Chlorohexane	1.19	37.1	1.19	64		U
2,2-Dichloropropane	0.965	37.1	0.965	64		U
2-Butanone	3.12	148	3.12	64		U
2-Chlorotoluene	0.297	37.1	0.297	64		U
4-Chlorotoluene	0.520	37.1	0.520	64		U
4-Methyl-2-pentanone	2.38	148	2.38	64		U
Acetone	2.23	371	2.23	64		U
Benzene	0.371	18.6	0.371	64		U
Bromobenzene	1.11	37.1	1.11	64		U
Bromochloromethane	1.48	37.1	1.48	64		U
Bromodichloromethane	0.445	18.6	0.445	64		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-1 DL	**Lab Sample ID:**	0706127-002ADL	**Matrix:**	Soil
% Solids:	86.20	**Initial Calibration ID:**	986	**File ID:**	T9054.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	1.26	44.5	1.26	64		U
Bromomethane	0.965	74.2	0.965	64		U
Carbon tetrachloride	0.891	37.1	0.891	64		U
Chlorobenzene	0.520	18.6	0.520	64		U
Chloroethane	1.86	37.1	1.86	64		U
Chloroform	0.520	18.6	0.520	64		U
Chloromethane	2.30	37.1	2.30	64		U
cis-1,2-Dichloroethene	1.19	37.1	1.19	64		U
cis-1,3-Dichloropropene	0.668	22.3	0.668	64		U
Dibromochloromethane	0.520	22.3	0.520	64		U
Dibromomethane	0.891	37.1	0.891	64		U
Dichlorodifluoromethane	0.594	37.1	0.594	64		U
Ethylbenzene	0.965	37.1	0.965	64		U
Hexachlorobutadiene	2.82	22.3	2.82	64		U
Isopropylbenzene	0.371	37.1	0.371	64		U
Methyl tert-butyl ether	0.965	148	0.965	64		U
Methylene chloride	4.45	37.1	4.45	64		U
n-Butylbenzene	0.965	37.1	0.965	64		U
n-Propylbenzene	0.223	37.1	0.223	64		U
Naphthalene	1.56	37.1	1.56	64		U
o-Xylene	1.26	37.1	1.26	64		U
p-Isopropyltoluene	1.26	44.5	6.68	64		F
sec-Butylbenzene	0.371	37.1	5.20	64		F
Styrene	0.891	37.1	0.891	64		U
tert-Butylbenzene	0.594	37.1	0.594	64		U
Tetrachloroethene	0.817	37.1	0.817	64		U
Toluene	0.371	37.1	0.371	64		U
trans-1,2-Dichloroethene	0.891	37.1	0.891	64		U
trans-1,3-Dichloropropene	1.11	37.1	1.11	64		U
Trichloroethene	0.891	37.1	0.891	64		U
Trichlorofluoromethane	0.594	37.1	0.594	64		U
Vinyl chloride	0.965	37.1	0.965	64		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-1 DL	**Lab Sample ID:**	0706127-002ADL	**Matrix:**	Soil
% Solids:	86.20	**Initial Calibration ID:**	986	**File ID:**	T9054.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	2.23	74.2	2.23	64		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	426755	353482 - 1413926	
Chlorobenzene-d5	553307	383378 - 1533514	
Fluorobenzene	1314799	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-2	**Lab Sample ID:**	0706127-003A	**Matrix:**	Soil
% Solids:	84.00	**Initial Calibration ID:**	963	**File ID:**	J3330.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.38 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00554	0.00014	0.93		U
1,1,1,2-Tetrachloroethane	0.00018	0.00332	0.00018	0.93		U
1,1,1-Trichloroethane	0.00016	0.00554	0.00016	0.93		U
1,1,2,2-Tetrachloroethane	0.00016	0.00332	0.00016	0.93		UQ
1,1,2-Trichloroethane	0.00028	0.00554	0.00028	0.93		U
1,1-Dichloroethane	0.00009	0.00554	0.00009	0.93		U
1,1-Dichloroethene	0.00017	0.00664	0.00017	0.93		U
1,1-Dichloropropene	0.00021	0.00554	0.00021	0.93		U
1,2,3-Trichlorobenzene	0.00045	0.00554	0.00045	0.93		UQ
1,2,3-Trichloropropane	0.00025	0.00554	0.00025	0.93		UQ
1,2,4-Trichlorobenzene	0.00037	0.00554	0.00037	0.93		UQ
1,2,4-Trimethylbenzene	0.00007	0.00664	0.00007	0.93		UQ
1,2-Dibromo-3-chloropropane	0.00034	0.0111	0.00034	0.93		UQ
1,2-Dibromoethane	0.00009	0.00554	0.00009	0.93		U
1,2-Dichlorobenzene	0.00007	0.00554	0.00264	0.93		FQ
1,2-Dichloroethane	0.00012	0.00332	0.00012	0.93		U
1,2-Dichloropropane	0.00024	0.00554	0.00024	0.93		U
1,3,5-Trimethylbenzene	0.00009	0.00554	0.00009	0.93		UQ
1,3-Dichlorobenzene	0.00012	0.00664	0.00149	0.93		FQ
1,3-Dichloropropane	0.00010	0.00277	0.00010	0.93		U
1,4-Dichlorobenzene	0.00007	0.00277	0.00249	0.93		FQ
1-Chlorohexane	0.00018	0.00554	0.00018	0.93		U
2,2-Dichloropropane	0.00014	0.00554	0.00014	0.93		U
2-Butanone	0.00046	0.0221	0.00046	0.93		U
2-Chlorotoluene	0.00004	0.00554	0.00004	0.93		UQ
4-Chlorotoluene	0.00008	0.00554	0.00008	0.93		UQ
4-Methyl-2-pentanone	0.00035	0.0221	0.00035	0.93		U
Acetone	0.00033	0.0554	0.00033	0.93		U
Benzene	0.00006	0.00277	0.00006	0.93		U
Bromobenzene	0.00017	0.00554	0.00017	0.93		UQ
Bromochloromethane	0.00022	0.00554	0.00022	0.93		U
Bromodichloromethane	0.00007	0.00277	0.00007	0.93		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-2	**Lab Sample ID:**	0706127-003A	**Matrix:**	Soil
% Solids:	84.00	**Initial Calibration ID:**	963	**File ID:**	J3330.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.38 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00664	0.00019	0.93		U
Bromomethane	0.00014	0.0111	0.00014	0.93		U
Carbon tetrachloride	0.00013	0.00554	0.00013	0.93		U
Chlorobenzene	0.00008	0.00277	0.00147	0.93		F
Chloroethane	0.00028	0.00554	0.00028	0.93		U
Chloroform	0.00008	0.00277	0.00008	0.93		U
Chloromethane	0.00034	0.00554	0.00034	0.93		U
cis-1,2-Dichloroethene	0.00018	0.00554	0.00018	0.93		U
cis-1,3-Dichloropropene	0.00010	0.00332	0.00010	0.93		U
Dibromochloromethane	0.00008	0.00332	0.00008	0.93		U
Dibromomethane	0.00013	0.00554	0.00013	0.93		U
Dichlorodifluoromethane	0.00009	0.00554	0.00009	0.93		UQ
Ethylbenzene	0.00014	0.00554	0.00014	0.93		U
Hexachlorobutadiene	0.00042	0.00332	0.00042	0.93		UQ
Isopropylbenzene	0.00006	0.00554	0.00006	0.93		UQ
Methyl tert-butyl ether	0.00014	0.0221	0.00014	0.93		U
Methylene chloride	0.00066	0.00554	0.00066	0.93		U
n-Butylbenzene	0.00014	0.00554	0.00014	0.93		UQ
n-Propylbenzene	0.00003	0.00554	0.00003	0.93		UQ
Naphthalene	0.00023	0.00554	0.00023	0.93		UQ
o-Xylene	0.00019	0.00554	0.00019	0.93		U
p-Isopropyltoluene	0.00019	0.00664	0.00019	0.93		UQ
sec-Butylbenzene	0.00006	0.00554	0.00006	0.93		UQ
Styrene	0.00013	0.00554	0.00013	0.93		U
tert-Butylbenzene	0.00009	0.00554	0.00009	0.93		UQ
Tetrachloroethene	0.00012	0.00554	0.00012	0.93		UQ
Toluene	0.00006	0.00554	0.00006	0.93		U
trans-1,2-Dichloroethene	0.00013	0.00554	0.00013	0.93		U
trans-1,3-Dichloropropene	0.00017	0.00554	0.00017	0.93		U
Trichloroethene	0.00013	0.00554	0.00013	0.93		U
Trichlorofluoromethane	0.00009	0.00554	0.00009	0.93		U
Vinyl chloride	0.00014	0.00554	0.00014	0.93		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-2	**Lab Sample ID:**	0706127-003A	**Matrix:**	Soil
% Solids:	84.00	**Initial Calibration ID:**	963	**File ID:**	J3330.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.38 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00554	0.00033	0.93		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	126	52 - 149	
4-Bromofluorobenzene	84	84 - 118	
Dibromofluoromethane	113	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	706251	1059709 - 4238836	*
Chlorobenzene-d5	1616692	1579958 - 6319834	
Fluorobenzene	4944626	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-2 RA	**Lab Sample ID:**	0706127-003ARA	**Matrix:**	Soil
% Solids:	84.00	**Initial Calibration ID:**	990	**File ID:**	J3562.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00565	0.00189	0.95		F
1,1,1,2-Tetrachloroethane	0.00018	0.00339	0.00018	0.95		U
1,1,1-Trichloroethane	0.00016	0.00565	0.00016	0.95		U
1,1,2,2-Tetrachloroethane	0.00016	0.00339	0.00016	0.95		UQ
1,1,2-Trichloroethane	0.00028	0.00565	0.00028	0.95		U
1,1-Dichloroethane	0.00009	0.00565	0.00009	0.95		U
1,1-Dichloroethene	0.00017	0.00679	0.00017	0.95		U
1,1-Dichloropropene	0.00021	0.00565	0.00021	0.95		U
1,2,3-Trichlorobenzene	0.00046	0.00565	0.00046	0.95		UQ
1,2,3-Trichloropropane	0.00026	0.00565	0.00026	0.95		UQ
1,2,4-Trichlorobenzene	0.00037	0.00565	0.00037	0.95		UQ
1,2,4-Trimethylbenzene	0.00007	0.00679	0.00366	0.95		FQ
1,2-Dibromo-3-chloropropane	0.00035	0.0113	0.00035	0.95		UQ
1,2-Dibromoethane	0.00009	0.00565	0.00009	0.95		U
1,2-Dichlorobenzene	0.00007	0.00565	0.00601	0.95		Q
1,2-Dichloroethane	0.00012	0.00339	0.00012	0.95		U
1,2-Dichloropropane	0.00025	0.00565	0.00025	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00565	0.00150	0.95		FQ
1,3-Dichlorobenzene	0.00012	0.00679	0.00183	0.95		FQ
1,3-Dichloropropane	0.00010	0.00283	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00283	0.00258	0.95		FQ
1-Chlorohexane	0.00018	0.00565	0.00018	0.95		U
2,2-Dichloropropane	0.00015	0.00565	0.00015	0.95		U
2-Butanone	0.00048	0.0226	0.00048	0.95		U
2-Chlorotoluene	0.00005	0.00565	0.00005	0.95		UQ
4-Chlorotoluene	0.00008	0.00565	0.00008	0.95		UQ
4-Methyl-2-pentanone	0.00036	0.0226	0.00036	0.95		U
Acetone	0.00034	0.0565	0.00565	0.95		F
Benzene	0.00006	0.00283	0.00006	0.95		U
Bromobenzene	0.00017	0.00565	0.00017	0.95		UQ
Bromochloromethane	0.00023	0.00565	0.00023	0.95		U
Bromodichloromethane	0.00007	0.00283	0.00007	0.95		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-2 RA	**Lab Sample ID:**	0706127-003ARA	**Matrix:**	Soil
% Solids:	84.00	**Initial Calibration ID:**	990	**File ID:**	J3562.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00679	0.00019	0.95		U
Bromomethane	0.00015	0.0113	0.00015	0.95		U
Carbon tetrachloride	0.00014	0.00565	0.00014	0.95		U
Chlorobenzene	0.00008	0.00283	0.00310	0.95		
Chloroethane	0.00028	0.00565	0.00028	0.95		U
Chloroform	0.00008	0.00283	0.00008	0.95		U
Chloromethane	0.00035	0.00565	0.00035	0.95		U
cis-1,2-Dichloroethene	0.00018	0.00565	0.00018	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00339	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00339	0.00008	0.95		U
Dibromomethane	0.00014	0.00565	0.00014	0.95		U
Dichlorodifluoromethane	0.00009	0.00565	0.00009	0.95		U
Ethylbenzene	0.00015	0.00565	0.000633	0.95		F
Hexachlorobutadiene	0.00043	0.00339	0.00043	0.95		UQ
Isopropylbenzene	0.00006	0.00565	0.00006	0.95		UQ
Methyl tert-butyl ether	0.00015	0.0226	0.00015	0.95		U
Methylene chloride	0.00068	0.00565	0.00300	0.95		F
n-Butylbenzene	0.00015	0.00565	0.00015	0.95		UQ
n-Propylbenzene	0.00003	0.00565	0.000780	0.95		FQ
Naphthalene	0.00024	0.00565	0.000633	0.95		FQ
o-Xylene	0.00019	0.00565	0.000860	0.95		F
p-Isopropyltoluene	0.00019	0.00679	0.00019	0.95		UQ
sec-Butylbenzene	0.00006	0.00565	0.00006	0.95		UQ
Styrene	0.00014	0.00565	0.00014	0.95		U
tert-Butylbenzene	0.00009	0.00565	0.00009	0.95		UQ
Tetrachloroethene	0.00012	0.00565	0.00012	0.95		U
Toluene	0.00006	0.00565	0.00115	0.95		F
trans-1,2-Dichloroethene	0.00014	0.00565	0.00014	0.95		U
trans-1,3-Dichloropropene	0.00017	0.00565	0.00017	0.95		U
Trichloroethene	0.00014	0.00565	0.00014	0.95		U
Trichlorofluoromethane	0.00009	0.00565	0.00009	0.95		U
Vinyl chloride	0.00015	0.00565	0.00015	0.95		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB03-2 RA	**Lab Sample ID:**	0706127-003ARA	**Matrix:**	Soil
% Solids:	84.00	**Initial Calibration ID:**	990	**File ID:**	J3562.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00565	0.00275	0.95		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	86	84 - 118	
Dibromofluoromethane	93	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	548547	685144 - 2740574	*
Chlorobenzene-d5	1152233	1005325 - 4021300	
Fluorobenzene	3243056	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-1	**Lab Sample ID:**	0706127-004A	**Matrix:**	Soil
% Solids:	85.00	**Initial Calibration ID:**	963	**File ID:**	J3331.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.32 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00553	0.00014	0.94		U
1,1,1,2-Tetrachloroethane	0.00018	0.00332	0.00018	0.94		U
1,1,1-Trichloroethane	0.00015	0.00553	0.00015	0.94		U
1,1,2,2-Tetrachloroethane	0.00015	0.00332	0.00015	0.94		U
1,1,2-Trichloroethane	0.00028	0.00553	0.0314	0.94		
1,1-Dichloroethane	0.00009	0.00553	0.00009	0.94		U
1,1-Dichloroethene	0.00017	0.00664	0.00017	0.94		U
1,1-Dichloropropene	0.00021	0.00553	0.00021	0.94		U
1,2,3-Trichlorobenzene	0.00045	0.00553	0.000984	0.94		F
1,2,3-Trichloropropane	0.00025	0.00553	0.00025	0.94		U
1,2,4-Trichlorobenzene	0.00036	0.00553	0.00124	0.94		F
1,2,4-Trimethylbenzene	0.00007	0.00664	0.170	0.94		
1,2-Dibromo-3-chloropropane	0.00034	0.0111	0.00034	0.94		U
1,2-Dibromoethane	0.00009	0.00553	0.00009	0.94		U
1,2-Dichlorobenzene	0.00007	0.00553	0.00535	0.94		F
1,2-Dichloroethane	0.00012	0.00332	0.00012	0.94		U
1,2-Dichloropropane	0.00024	0.00553	0.00024	0.94		U
1,3,5-Trimethylbenzene	0.00009	0.00553	0.0668	0.94		
1,3-Dichlorobenzene	0.00012	0.00664	0.00836	0.94		
1,3-Dichloropropane	0.00010	0.00276	0.00010	0.94		U
1,4-Dichlorobenzene	0.00007	0.00276	0.0825	0.94		
1-Chlorohexane	0.00018	0.00553	0.00018	0.94		U
2,2-Dichloropropane	0.00014	0.00553	0.00014	0.94		U
2-Butanone	0.00046	0.0221	0.00046	0.94		U
2-Chlorotoluene	0.00004	0.00553	0.00004	0.94		U
4-Chlorotoluene	0.00008	0.00553	0.00008	0.94		U
4-Methyl-2-pentanone	0.00035	0.0221	0.00035	0.94		U
Acetone	0.00033	0.0553	0.00443	0.94		F
Benzene	0.00006	0.00276	0.00006	0.94		U
Bromobenzene	0.00017	0.00553	0.00017	0.94		U
Bromochloromethane	0.00022	0.00553	0.00022	0.94		U
Bromodichloromethane	0.00007	0.00276	0.00007	0.94		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-1	**Lab Sample ID:**	0706127-004A	**Matrix:**	Soil
% Solids:	85.00	**Initial Calibration ID:**	963	**File ID:**	J3331.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.32 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00664	0.00019	0.94		U
Bromomethane	0.00014	0.0111	0.00014	0.94		U
Carbon tetrachloride	0.00013	0.00553	0.00013	0.94		U
Chlorobenzene	0.00008	0.00276	0.000664	0.94		F
Chloroethane	0.00028	0.00553	0.00028	0.94		U
Chloroform	0.00008	0.00276	0.00008	0.94		U
Chloromethane	0.00034	0.00553	0.00034	0.94		U
cis-1,2-Dichloroethene	0.00018	0.00553	0.00018	0.94		U
cis-1,3-Dichloropropene	0.00010	0.00332	0.00010	0.94		U
Dibromochloromethane	0.00008	0.00332	0.00008	0.94		U
Dibromomethane	0.00013	0.00553	0.00013	0.94		U
Dichlorodifluoromethane	0.00009	0.00553	0.00009	0.94		UQ
Ethylbenzene	0.00014	0.00553	0.00221	0.94		F
Hexachlorobutadiene	0.00042	0.00332	0.00042	0.94		U
Isopropylbenzene	0.00006	0.00553	0.00594	0.94		
Methyl tert-butyl ether	0.00014	0.0221	0.00014	0.94		U
Methylene chloride	0.00066	0.00553	0.00066	0.94		U
n-Butylbenzene	0.00014	0.00553	0.00932	0.94		
n-Propylbenzene	0.00003	0.00553	0.0124	0.94		
Naphthalene	0.00023	0.00553	0.00450	0.94		F
o-Xylene	0.00019	0.00553	0.00019	0.94		U
p-Isopropyltoluene	0.00019	0.00664	0.00813	0.94		
sec-Butylbenzene	0.00006	0.00553	0.00744	0.94		
Styrene	0.00013	0.00553	0.00013	0.94		U
tert-Butylbenzene	0.00009	0.00553	0.00185	0.94		F
Tetrachloroethene	0.00012	0.00553	0.00012	0.94		UQ
Toluene	0.00006	0.00553	0.00006	0.94		U
trans-1,2-Dichloroethene	0.00013	0.00553	0.00013	0.94		U
trans-1,3-Dichloropropene	0.00017	0.00553	0.00017	0.94		U
Trichloroethene	0.00013	0.00553	0.00013	0.94		U
Trichlorofluoromethane	0.00009	0.00553	0.00009	0.94		U
Vinyl chloride	0.00014	0.00553	0.00014	0.94		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-1	**Lab Sample ID:**	0706127-004A	**Matrix:**	Soil
% Solids:	85.00	**Initial Calibration ID:**	963	**File ID:**	J3331.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):		mg/Kg		**Sample Size:**	5.32 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00553	0.00033	0.94		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	123	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	108	65 - 135	
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1397239	1059709 - 4238836	
Chlorobenzene-d5	2412232	1579958 - 6319834	
Fluorobenzene	6439669	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-2	**Lab Sample ID:**	0706127-005A	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	963	**File ID:**	J3332.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.49 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00527	0.00112	0.91		FJQ
1,1,1,2-Tetrachloroethane	0.00017	0.00316	0.00017	0.91		UJQ
1,1,1-Trichloroethane	0.00015	0.00527	0.00015	0.91		UJ
1,1,2,2-Tetrachloroethane	0.00015	0.00316	0.00015	0.91		UJQ
1,1,2-Trichloroethane	0.00026	0.00527	0.00026	0.91		UJ
1,1-Dichloroethane	0.00008	0.00527	0.00008	0.91		UJ
1,1-Dichloroethene	0.00016	0.00633	0.00016	0.91		UJ
1,1-Dichloropropene	0.00020	0.00527	0.00020	0.91		UJ
1,2,3-Trichlorobenzene	0.00043	0.00527	0.00043	0.91		UJQ
1,2,3-Trichloropropane	0.00024	0.00527	0.00024	0.91		UJQ
1,2,4-Trichlorobenzene	0.00035	0.00527	0.00035	0.91		UJQ
1,2,4-Trimethylbenzene	0.00006	0.00633	0.00006	0.91		UJQ
1,2-Dibromo-3-chloropropane	0.00033	0.0105	0.00033	0.91		UJQ
1,2-Dibromoethane	0.00008	0.00527	0.00008	0.91		UJQ
1,2-Dichlorobenzene	0.00006	0.00527	0.461	0.91		JQ
1,2-Dichloroethane	0.00012	0.00316	0.00012	0.91		UJ
1,2-Dichloropropane	0.00023	0.00527	0.00023	0.91		UJ
1,3,5-Trimethylbenzene	0.00008	0.00527	0.00008	0.91		UJQ
1,3-Dichlorobenzene	0.00012	0.00633	0.00012	0.91		UJQ
1,3-Dichloropropane	0.00009	0.00264	0.00009	0.91		UJQ
1,4-Dichlorobenzene	0.00006	0.00264	0.00006	0.91		UJQ
1-Chlorohexane	0.00017	0.00527	0.00017	0.91		UJQ
2,2-Dichloropropane	0.00014	0.00527	0.00014	0.91		UJ
2-Butanone	0.00044	0.0211	0.00044	0.91		UJ
2-Chlorotoluene	0.00004	0.00527	0.00004	0.91		UJQ
4-Chlorotoluene	0.00007	0.00527	0.00007	0.91		UJQ
4-Methyl-2-pentanone	0.00034	0.0211	0.00034	0.91		UJ
Acetone	0.00032	0.0527	0.00032	0.91		UJ
Benzene	0.00005	0.00264	0.00258	0.91		FJ
Bromobenzene	0.00016	0.00527	0.00016	0.91		UJQ
Bromochloromethane	0.00021	0.00527	0.00021	0.91		UJ
Bromodichloromethane	0.00006	0.00264	0.00006	0.91		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-2	**Lab Sample ID:**	0706127-005A	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	963	**File ID:**	J3332.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.49 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00633	0.00018	0.91		UJQ
Bromomethane	0.00014	0.0105	0.00014	0.91		UJ
Carbon tetrachloride	0.00013	0.00527	0.00013	0.91		UJ
Chlorobenzene	0.00007	0.00264	0.461	0.91		JQ
Chloroethane	0.00026	0.00527	0.00026	0.91		UJ
Chloroform	0.00007	0.00264	0.00007	0.91		UJ
Chloromethane	0.00033	0.00527	0.00033	0.91		UJ
cis-1,2-Dichloroethene	0.00017	0.00527	0.0194	0.91		J
cis-1,3-Dichloropropene	0.00009	0.00316	0.00009	0.91		UJ
Dibromochloromethane	0.00007	0.00316	0.00007	0.91		UJQ
Dibromomethane	0.00013	0.00527	0.00013	0.91		UJ
Dichlorodifluoromethane	0.00008	0.00527	0.00008	0.91		UJQ
Ethylbenzene	0.00014	0.00527	0.00402	0.91		FJQ
Hexachlorobutadiene	0.00040	0.00316	0.00040	0.91		UJQ
Isopropylbenzene	0.00005	0.00527	0.00005	0.91		UJQ
Methyl tert-butyl ether	0.00014	0.0211	0.00014	0.91		UJ
Methylene chloride	0.00063	0.00527	0.00063	0.91		UJ
n-Butylbenzene	0.00014	0.00527	0.00014	0.91		UJQ
n-Propylbenzene	0.00003	0.00527	0.00003	0.91		UJQ
Naphthalene	0.00022	0.00527	0.00022	0.91		UJQ
o-Xylene	0.00018	0.00527	0.00018	0.91		UJQ
p-Isopropyltoluene	0.00018	0.00633	0.00018	0.91		UJQ
sec-Butylbenzene	0.00005	0.00527	0.00005	0.91		UJQ
Styrene	0.00013	0.00527	0.00013	0.91		UJQ
tert-Butylbenzene	0.00008	0.00527	0.00008	0.91		UJQ
Tetrachloroethene	0.00012	0.00527	0.00012	0.91		UJQ
Toluene	0.00005	0.00527	0.00005	0.91		UJ
trans-1,2-Dichloroethene	0.00013	0.00527	0.000654	0.91		FJ
trans-1,3-Dichloropropene	0.00016	0.00527	0.00016	0.91		UJ
Trichloroethene	0.00013	0.00527	0.0843	0.91		J
Trichlorofluoromethane	0.00008	0.00527	0.00008	0.91		UJ
Vinyl chloride	0.00014	0.00527	0.00014	0.91		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10023
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-2	**Lab Sample ID:**	0706127-005A	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	963	**File ID:**	J3332.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.49 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00032	0.00527	0.00112	0.91		**FJQ**

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	50	84 - 118	*
Dibromofluoromethane	109	65 - 135	
Toluene-d8	86	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	276840	1059709 - 4238836	*
Chlorobenzene-d5	1286941	1579958 - 6319834	*
Fluorobenzene	6258535	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-2 RA	**Lab Sample ID:**	0706127-005ARA	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	990	**File ID:**	J3428.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00556	0.00651	0.96		J
1,1,1,2-Tetrachloroethane	0.00018	0.00334	0.00018	0.96		UJ
1,1,1-Trichloroethane	0.00016	0.00556	0.00016	0.96		UJ
1,1,2,2-Tetrachloroethane	0.00016	0.00334	0.00016	0.96		UJQ
1,1,2-Trichloroethane	0.00028	0.00556	0.00028	0.96		UJ
1,1-Dichloroethane	0.00009	0.00556	0.00009	0.96		UJ
1,1-Dichloroethene	0.00017	0.00667	0.00017	0.96		UJ
1,1-Dichloropropene	0.00021	0.00556	0.00021	0.96		UJ
1,2,3-Trichlorobenzene	0.00046	0.00556	0.00046	0.96		UJQ
1,2,3-Trichloropropane	0.00026	0.00556	0.00026	0.96		UJQ
1,2,4-Trichlorobenzene	0.00037	0.00556	0.00037	0.96		UJQ
1,2,4-Trimethylbenzene	0.00007	0.00667	0.00161	0.96		FJQ
1,2-Dibromo-3-chloropropane	0.00034	0.0111	0.00034	0.96		UJQ
1,2-Dibromoethane	0.00009	0.00556	0.00009	0.96		UJ
1,2-Dichlorobenzene	0.00007	0.00556	0.0110	0.96		JQ
1,2-Dichloroethane	0.00012	0.00334	0.00012	0.96		UJ
1,2-Dichloropropane	0.00024	0.00556	0.00024	0.96		UJ
1,3,5-Trimethylbenzene	0.00009	0.00556	0.000567	0.96		FJQ
1,3-Dichlorobenzene	0.00012	0.00667	0.00012	0.96		UJQ
1,3-Dichloropropane	0.00010	0.00278	0.00010	0.96		UJ
1,4-Dichlorobenzene	0.00007	0.00278	0.00465	0.96		JQ
1-Chlorohexane	0.00018	0.00556	0.00018	0.96		UJ
2,2-Dichloropropane	0.00014	0.00556	0.00014	0.96		UJ
2-Butanone	0.00047	0.0222	0.0108	0.96		FJ
2-Chlorotoluene	0.00004	0.00556	0.00004	0.96		UJQ
4-Chlorotoluene	0.00008	0.00556	0.00008	0.96		UJQ
4-Methyl-2-pentanone	0.00036	0.0222	0.0180	0.96		FJ
Acetone	0.00033	0.0556	0.0299	0.96		FJ
Benzene	0.00006	0.00278	0.000578	0.96		FJ
Bromobenzene	0.00017	0.00556	0.00017	0.96		UJQ
Bromochloromethane	0.00022	0.00556	0.00022	0.96		UJ
Bromodichloromethane	0.00007	0.00278	0.00007	0.96		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-2 RA	**Lab Sample ID:**	0706127-005ARA	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	990	**File ID:**	J3428.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00667	0.00019	0.96		UJ
Bromomethane	0.00014	0.0111	0.00014	0.96		UJ
Carbon tetrachloride	0.00013	0.00556	0.00013	0.96		UJ
Chlorobenzene	0.00008	0.00278	0.0650	0.96		J
Chloroethane	0.00028	0.00556	0.00028	0.96		UJ
Chloroform	0.00008	0.00278	0.00008	0.96		UJ
Chloromethane	0.00034	0.00556	0.00034	0.96		UJ
cis-1,2-Dichloroethene	0.00018	0.00556	0.00432	0.96		FJ
cis-1,3-Dichloropropene	0.00010	0.00334	0.00010	0.96		UJ
Dibromochloromethane	0.00008	0.00334	0.00008	0.96		UJ
Dibromomethane	0.00013	0.00556	0.00013	0.96		UJ
Dichlorodifluoromethane	0.00009	0.00556	0.00009	0.96		UJ
Ethylbenzene	0.00014	0.00556	0.00564	0.96		J
Hexachlorobutadiene	0.00042	0.00334	0.00042	0.96		UJQ
Isopropylbenzene	0.00006	0.00556	0.000634	0.96		FJQ
Methyl tert-butyl ether	0.00014	0.0222	0.00014	0.96		UJ
Methylene chloride	0.00067	0.00556	0.00373	0.96		FJ
n-Butylbenzene	0.00014	0.00556	0.00014	0.96		UJQ
n-Propylbenzene	0.00003	0.00556	0.00102	0.96		FJQ
Naphthalene	0.00023	0.00556	0.00176	0.96		FJQ
o-Xylene	0.00019	0.00556	0.00226	0.96		FJ
p-Isopropyltoluene	0.00019	0.00667	0.00019	0.96		UJQ
sec-Butylbenzene	0.00006	0.00556	0.00006	0.96		UJQ
Styrene	0.00013	0.00556	0.00802	0.96		J
tert-Butylbenzene	0.00009	0.00556	0.00009	0.96		UJQ
Tetrachloroethene	0.00012	0.00556	0.00012	0.96		UJ
Toluene	0.00006	0.00556	0.00994	0.96		J
trans-1,2-Dichloroethene	0.00013	0.00556	0.00013	0.96		UJ
trans-1,3-Dichloropropene	0.00017	0.00556	0.00017	0.96		UJ
Trichloroethene	0.00013	0.00556	0.0140	0.96		J
Trichlorofluoromethane	0.00009	0.00556	0.00009	0.96		UJ
Vinyl chloride	0.00014	0.00556	0.00014	0.96		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB04-2 RA	**Lab Sample ID:**	0706127-005ARA	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	990	**File ID:**	J3428.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00556	0.00877	0.96		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	72	84 - 118	*
Dibromofluoromethane	98	65 - 135	
Toluene-d8	94	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	471419	685144 - 2740574	*
Chlorobenzene-d5	1445534	1005325 - 4021300	
Fluorobenzene	5113679	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB05-1	**Lab Sample ID:**	0706127-006A	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	986	**File ID:**	T9157.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0157	0.605	0.254	1		FJ
1,1,1,2-Tetrachloroethane	0.0194	0.363	0.0194	1		U
1,1,1-Trichloroethane	0.0169	0.605	0.0169	1		U
1,1,2,2-Tetrachloroethane	0.0169	0.363	0.0169	1		U
1,1,2-Trichloroethane	0.0303	0.605	0.0303	1		U
1,1-Dichloroethane	0.00969	0.605	0.00969	1		U
1,1-Dichloroethene	0.0182	0.726	0.0182	1		U
1,1-Dichloropropene	0.0230	0.605	0.0230	1		U
1,2,3-Trichlorobenzene	0.0496	0.605	0.0496	1		U
1,2,3-Trichloropropane	0.0278	0.605	0.0278	1		U
1,2,4-Trichlorobenzene	0.0400	0.605	0.0400	1		U
1,2,4-Trimethylbenzene	0.00726	0.726	20.6	1		J
1,2-Dibromo-3-chloropropane	0.0375	1.21	0.0375	1		U
1,2-Dibromoethane	0.00969	0.605	0.00969	1		U
1,2-Dichlorobenzene	0.00726	0.605	6.02	1		J
1,2-Dichloroethane	0.0133	0.363	0.0133	1		U
1,2-Dichloropropane	0.0266	0.605	0.0266	1		U
1,3,5-Trimethylbenzene	0.00969	0.605	12.6	1		J
1,3-Dichlorobenzene	0.0133	0.726	0.448	1		FJ
1,3-Dichloropropane	0.0109	0.303	0.0109	1		U
1,4-Dichlorobenzene	0.00726	0.303	3.24	1		J
1-Chlorohexane	0.0194	0.605	0.0194	1		U
2,2-Dichloropropane	0.0157	0.605	0.0157	1		U
2-Butanone	0.0508	2.42	0.0508	1		U
2-Chlorotoluene	0.00484	0.605	0.00484	1		U
4-Chlorotoluene	0.00847	0.605	0.00847	1		U
4-Methyl-2-pentanone	0.0387	2.42	0.0387	1		U
Acetone	0.0363	6.05	0.0363	1		U
Benzene	0.00605	0.303	0.0969	1		FJ
Bromobenzene	0.0182	0.605	0.0182	1		U
Bromochloromethane	0.0242	0.605	0.0242	1		U
Bromodichloromethane	0.00726	0.303	0.00726	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB05-1	**Lab Sample ID:**	0706127-006A	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	986	**File ID:**	T9157.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0206	0.726	0.0206	1		U
Bromomethane	0.0157	1.21	0.0157	1		U
Carbon tetrachloride	0.0145	0.605	0.0145	1		U
Chlorobenzene	0.00847	0.303	11.7	1		J
Chloroethane	0.0303	0.605	0.0303	1		U
Chloroform	0.00847	0.303	0.00847	1		U
Chloromethane	0.0375	0.605	0.0375	1		U
cis-1,2-Dichloroethene	0.0194	0.605	0.103	1		FJ
cis-1,3-Dichloropropene	0.0109	0.363	0.0109	1		U
Dibromochloromethane	0.00847	0.363	0.00847	1		U
Dibromomethane	0.0145	0.605	0.0145	1		U
Dichlorodifluoromethane	0.00969	0.605	0.00969	1		U
Ethylbenzene	0.0157	0.605	0.0157	1		U
Hexachlorobutadiene	0.0460	0.363	0.0460	1		U
Isopropylbenzene	0.00605	0.605	1.08	1		J
Methyl tert-butyl ether	0.0157	2.42	0.0157	1		U
Methylene chloride	0.0726	0.605	0.0726	1		U
n-Butylbenzene	0.0157	0.605	3.53	1		J
n-Propylbenzene	0.00363	0.605	1.99	1		J
Naphthalene	0.0254	0.605	0.0254	1		U
o-Xylene	0.0206	0.605	0.151	1		FJ
p-Isopropyltoluene	0.0206	0.726	3.90	1		J
sec-Butylbenzene	0.00605	0.605	2.97	1		J
Styrene	0.0145	0.605	0.0145	1		U
tert-Butylbenzene	0.00969	0.605	0.581	1		FJ
Tetrachloroethene	0.0133	0.605	0.0133	1		U
Toluene	0.00605	0.605	0.00605	1		U
trans-1,2-Dichloroethene	0.0145	0.605	0.0145	1		U
trans-1,3-Dichloropropene	0.0182	0.605	0.0182	1		U
Trichloroethene	0.0145	0.605	0.0145	1		U
Trichlorofluoromethane	0.00969	0.605	0.00969	1		U
Vinyl chloride	0.0157	0.605	0.0157	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB05-1	**Lab Sample ID:**	0706127-006A	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	986	**File ID:**	T9157.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0363	1.21	0.406	1		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	79	52 - 149	
4-Bromofluorobenzene	133	84 - 118	*
Dibromofluoromethane	94	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1161782	353482 - 1413926	
Chlorobenzene-d5	1022403	383378 - 1533514	
Fluorobenzene	2378721	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB05-1 DL	**Lab Sample ID:**	0706127-006ADL	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	986	**File ID:**	T9055.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.504	19.4	0.504	32		U
1,1,1,2-Tetrachloroethane	0.620	11.6	0.620	32		U
1,1,1-Trichloroethane	0.542	19.4	0.542	32		U
1,1,2,2-Tetrachloroethane	0.542	11.6	0.542	32		U
1,1,2-Trichloroethane	0.969	19.4	0.969	32		U
1,1-Dichloroethane	0.310	19.4	0.310	32		U
1,1-Dichloroethene	0.581	23.2	0.581	32		U
1,1-Dichloropropene	0.736	19.4	0.736	32		U
1,2,3-Trichlorobenzene	1.59	19.4	1.59	32		U
1,2,3-Trichloropropane	0.891	19.4	0.891	32		U
1,2,4-Trichlorobenzene	1.28	19.4	1.28	32		U
1,2,4-Trimethylbenzene	0.232	23.2	21.9	32		FJ
1,2-Dibromo-3-chloropropane	1.20	38.7	1.20	32		U
1,2-Dibromoethane	0.310	19.4	0.310	32		U
1,2-Dichlorobenzene	0.232	19.4	5.42	32		FJ
1,2-Dichloroethane	0.426	11.6	0.426	32		U
1,2-Dichloropropane	0.852	19.4	0.852	32		U
1,3,5-Trimethylbenzene	0.310	19.4	13.4	32		FJ
1,3-Dichlorobenzene	0.426	23.2	0.426	32		U
1,3-Dichloropropane	0.349	9.69	0.349	32		U
1,4-Dichlorobenzene	0.232	9.69	3.29	32		FJ
1-Chlorohexane	0.620	19.4	0.620	32		U
2,2-Dichloropropane	0.504	19.4	0.504	32		U
2-Butanone	1.63	77.5	1.63	32		U
2-Chlorotoluene	0.155	19.4	0.155	32		U
4-Chlorotoluene	0.271	19.4	0.271	32		U
4-Methyl-2-pentanone	1.24	77.5	1.24	32		U
Acetone	1.16	194	1.16	32		U
Benzene	0.194	9.69	0.194	32		U
Bromobenzene	0.581	19.4	0.581	32		U
Bromochloromethane	0.775	19.4	0.775	32		U
Bromodichloromethane	0.232	9.69	0.232	32		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB05-1 DL	**Lab Sample ID:**	0706127-006ADL	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	986	**File ID:**	T9055.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.659	23.2	0.659	32		U
Bromomethane	0.504	38.7	0.504	32		U
Carbon tetrachloride	0.465	19.4	0.465	32		U
Chlorobenzene	0.271	9.69	12.0	32		J
Chloroethane	0.969	19.4	0.969	32		U
Chloroform	0.271	9.69	0.271	32		U
Chloromethane	1.20	19.4	1.20	32		U
cis-1,2-Dichloroethene	0.620	19.4	0.620	32		U
cis-1,3-Dichloropropene	0.349	11.6	0.349	32		U
Dibromochloromethane	0.271	11.6	0.271	32		U
Dibromomethane	0.465	19.4	0.465	32		U
Dichlorodifluoromethane	0.310	19.4	0.310	32		U
Ethylbenzene	0.504	19.4	0.504	32		U
Hexachlorobutadiene	1.47	11.6	1.47	32		U
Isopropylbenzene	0.194	19.4	0.194	32		U
Methyl tert-butyl ether	0.504	77.5	0.504	32		U
Methylene chloride	2.32	19.4	2.32	32		U
n-Butylbenzene	0.504	19.4	0.504	32		U
n-Propylbenzene	0.116	19.4	2.13	32		FJ
Naphthalene	0.814	19.4	6.39	32		FJ
o-Xylene	0.659	19.4	0.659	32		U
p-Isopropyltoluene	0.659	23.2	3.49	32		FJ
sec-Butylbenzene	0.194	19.4	2.71	32		FJ
Styrene	0.465	19.4	0.465	32		U
tert-Butylbenzene	0.310	19.4	0.310	32		U
Tetrachloroethene	0.426	19.4	0.426	32		U
Toluene	0.194	19.4	0.194	32		U
trans-1,2-Dichloroethene	0.465	19.4	0.465	32		U
trans-1,3-Dichloropropene	0.581	19.4	0.581	32		U
Trichloroethene	0.465	19.4	0.465	32		U
Trichlorofluoromethane	0.310	19.4	0.310	32		U
Vinyl chloride	0.504	19.4	0.504	32		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5626
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB05-1 DL	**Lab Sample ID:**	0706127-006ADL	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	986	**File ID:**	T9055.D
Date Received:	21-Jun-07	**Date Extracted:**	21-Jun-07	**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	1.16	38.7	1.16	32		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	96	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	663543	353482 - 1413926	
Chlorobenzene-d5	820023	383378 - 1533514	
Fluorobenzene	1928715	866434 - 3465734	

Comments:

Life Science Laboratories, Inc.

Date: *27-Jun-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0706110
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB01-1	0706110-001B	wt%	6/20/2007	6/20/2007	6/21/2007	R10034	9.30
AOC9-SB01-2	0706110-002B	wt%	6/20/2007	6/20/2007	6/21/2007	R10034	12.5
AOC9-SB01-3	0706110-003B	wt%	6/20/2007	6/20/2007	6/21/2007	R10034	15.1
AOC9-SB02-1	0706110-004B	wt%	6/20/2007	6/20/2007	6/21/2007	R10034	7.00

Life Science Laboratories, Inc.

Date: *27-Jun-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0706127
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB02-2	0706127-001B	wt%	6/20/2007	6/21/2007	6/21/2007	R10034	10.3
AOC9-SB03-1	0706127-002B	wt%	6/21/2007	6/21/2007	6/21/2007	R10034	13.8
AOC9-SB03-2	0706127-003C	wt%	6/21/2007	6/21/2007	6/21/2007	R10034	16.0
AOC9-SB04-1	0706127-004C	wt%	6/21/2007	6/21/2007	6/21/2007	R10034	15.0
AOC9-SB04-2	0706127-005C	wt%	6/21/2007	6/21/2007	6/21/2007	R10034	13.7
AOC9-SB05-1	0706127-006C	wt%	6/21/2007	6/21/2007	6/21/2007	R10034	17.4

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 09MAY07

Initial Calibration ID: 963

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 09:06:27 2007
Response via : Initial Calibration

ICAL #963

Calibration Files
2.0 =J2831.D 5.0 =J2832.D 20 =J2833.D
50 =J2834.D 100 =J2835.D 150 =J2838.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.295	0.327	0.315	0.238	0.287	0.298	0.293	9.61
3)	P	Chloromethane	0.340	0.351	0.301	0.253	0.264	0.231	0.284	16.78
4)	CP	Vinyl chloride	0.282	0.314	0.321	0.272	0.302	0.290	0.297	5.87
5)		Bromomethane	0.256	0.264	0.243	0.172	0.196	0.186	0.216	16.96
6)		Chloroethane	0.099	0.105	0.089	0.071	0.073	0.061	0.080	21.90
7)		Trichlorofluorometh	0.363	0.342	0.309	0.225	0.260	0.212	0.274	23.57
8)		Acetone	0.169	0.134	0.143	0.099	0.104	0.089	0.119	24.98
9)		Acrolein	0.050	0.062	0.078	0.053	0.053	0.048	0.056	19.82
10)	CPM	1,1-Dichloroethene	0.156	0.198	0.189	0.156	0.204	0.206	0.190	13.56
11)		Methyl iodide		0.007	0.036	0.084	0.166	0.195	0.120	75.70
12)		1,1,2-Trichloro-1,2	0.160	0.198	0.198	0.139	0.196	0.209	0.189	15.24
13)		Methyl acetate	0.290	0.254	0.285	0.203	0.219	0.200	0.237	16.44
14)		Acrylonitrile	0.098	0.121	0.148	0.105	0.115	0.104	0.114	14.79
15)		Methylene chloride		0.571	0.449	0.231	0.258	0.244	0.337	41.70
16)		Carbon disulfide	0.721	0.852	0.834	0.674	0.781	0.747	0.759	8.75
17)		trans-1,2-Dichloroe	0.201	0.229	0.240	0.222	0.252	0.253	0.238	9.58
18)		Methyl tert-Butyl e	0.574	0.651	0.783	0.634	0.727	0.663	0.668	10.17
19)	P	1,1-Dichloroethane	0.413	0.459	0.474	0.399	0.438	0.399	0.427	7.02
20)		Vinyl acetate	0.335	0.427	0.543	0.421	0.498	0.459	0.448	14.59
21)		2-Butanone	0.452	0.311	0.248	0.159	0.165	0.142	0.233	49.57
22)		cis-1,2-Dichloroeth	0.228	0.257	0.284	0.248	0.284	0.281	0.269	9.17
23)		Bromochloromethane	0.104	0.113	0.126	0.109	0.125	0.131	0.122	10.97
24)	CP	Chloroform	0.388	0.431	0.460	0.381	0.424	0.398	0.413	6.68
25)		2,2-Dichloropropane	0.226	0.254	0.271	0.280	0.337	0.333	0.294	16.41
26)		Cyclohexane	0.353	0.440	0.465	0.345	0.440	0.413	0.410	11.04
27)	S	Dibromofluoromethan	0.165	0.196	0.216	0.185	0.217	0.220	0.206	12.28
28)	S	1,2-Dichloroethane-	0.265	0.278	0.307	0.228	0.254	0.229	0.258	11.06
29)		1,2-Dichloroethane	0.278	0.322	0.372	0.273	0.300	0.274	0.300	12.15
30)		1,1,1-Trichloroetha	0.238	0.281	0.310	0.296	0.357	0.350	0.315	15.11
31)		1,1-Dichloropropene	0.266	0.318	0.338	0.290	0.335	0.323	0.315	8.59
32)		Carbon tetrachlorid	0.145	0.151	0.160	0.176	0.222	0.240	0.193	24.01
33)	M	Benzene	0.965	1.111	1.199	1.015	1.067	0.860	0.997	15.05
34)	M	Trichloroethene	0.228	0.263	0.268	0.238	0.272	0.272	0.261	7.84
35)		Dibromomethane	0.131	0.143	0.170	0.136	0.155	0.152	0.150	9.37
36)		Methylcyclohexane	0.373	0.463	0.463	0.357	0.451	0.455	0.431	10.54
37)	CP	1,2-Dichloropropane	0.225	0.260	0.290	0.237	0.266	0.247	0.255	8.29
38)		Bromodichloromethan	0.212	0.242	0.288	0.254	0.303	0.297	0.273	13.66
39)		2-Chloroethylvinyl	0.028	0.034	0.056	0.037	0.077	0.081	0.058	44.48
40)		4-Methyl-2-pentanon	0.212	0.272	0.383	0.266	0.286	0.235	0.269	20.98
41)		cis-1,3-Dichloropro	0.266	0.324	0.387	0.353	0.419	0.401	0.365	15.02
42)	S	Toluene-d8	0.763	0.853	0.896	0.789	0.853	0.742	0.796	9.59
43)	CPM	Toluene	1.017	0.836	0.750	0.617	0.677	0.616	0.730	21.00

OK (W) 5-23-07 ABM 5-11-07

(#) = Out of Range ### Number of calibration levels exceeded format ##

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 09:06:27 2007
Response via : Initial Calibration

Calibration Files
2.0 =J2831.D 5.0 =J2832.D 20 =J2833.D
50 =J2834.D 100 =J2835.D 150 =J2838.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.222	0.256	0.331	0.307	0.363	0.350	0.312	17.46
45)		1,1,2-Trichloroetha	0.157	0.194	0.226	0.178	0.201	0.194	0.194	11.20
46)		2-Hexanone	0.152	0.195	0.292	0.207	0.227	0.193	0.208	20.70
47)		1,2-Dibromoethane	0.158	0.185	0.241	0.198	0.233	0.233	0.214	15.83
48)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------	----------	
49)		1,3-Dichloropropane	0.883	1.013	1.214	0.976	1.109	1.040	1.040	9.97
50)		Dibromochloromethan	0.303	0.353	0.454	0.460	0.583	0.637	0.497	29.16
51)		Tetrachloroethene	0.439	0.513	0.541	0.518	0.625	0.706	0.586	19.65
52)		1-Chlorohexane	0.595	0.734	0.775	0.734	0.884	0.909	0.793	14.96
53)		1,1,1,2-Tetrachloro	0.364	0.365	0.444	0.463	0.571	0.613	0.497	23.94
54)	PM	Chlorobenzene	1.532	1.714	1.792	1.613	1.799	1.677	1.672	6.23
55)	CP	Ethylbenzene	2.545	2.918	3.083	2.761	2.904	2.299	2.636	15.26
56)		(m+p)-Xylene	0.723	0.914	1.009	0.948	1.083	1.003	0.940	12.16
57)		o-Xylene	0.667	0.852	0.996	0.938	1.098	1.105	0.971	17.44
58)		Styrene	1.005	1.288	1.607	1.563	1.826	1.718	1.516	18.43
59)	P	Bromoform	0.169	0.171	0.243	0.268	0.358	0.404	0.296	38.19
60)	S	Bromofluorobenzene	0.905	0.704	0.769	0.679	0.784	0.785	0.779	9.64
61)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	----------	
62)		trans-1,4-Dichloro-	0.123	0.166	0.216	0.219	0.270	0.267	0.222	27.52
63)	P	1,1,2,2-Tetrachloro	1.321	1.468	1.739	1.274	1.385	1.223	1.379	13.10
64)		Isopropylbenzene	3.242	4.091	4.267	3.740	3.896	2.971	3.528	18.35
65)		1,2,3-Trichloroprop	1.241	1.255	1.457	1.039	1.111	0.983	1.158	14.64
66)		Bromobenzene	0.876	0.961	1.009	0.875	1.002	1.001	0.969	7.19
67)		n-Propylbenzene	3.813	4.681	4.988	4.226	4.310	3.166	3.967	21.36
68)		2-Chlorotoluene	2.668	3.174	3.335	2.762	3.027	2.589	2.851	11.85
69)		4-Chlorotoluene	2.227	2.705	2.950	2.434	2.622	2.262	2.463	12.79
70)		1,3,5-Trimethylbenz	2.194	2.724	3.107	2.583	2.900	2.462	2.599	13.06
71)		tert-Butylbenzene	1.932	2.389	2.684	2.398	2.699	2.316	2.362	11.83
72)		1,2,4-Trimethylbenz	1.930	2.457	2.946	2.374	2.681	2.283	2.395	14.36
73)		sec-Butylbenzene	3.056	3.920	4.274	3.686	3.875	2.879	3.441	19.60
74)		1,3-Dichlorobenzene	1.450	1.644	1.699	1.488	1.654	1.562	1.577	5.84
75)		p-Isopropyltoluene	1.916	2.576	3.069	2.628	2.970	2.471	2.539	16.28
76)		1,4-Dichlorobenzene	1.460	1.579	1.683	1.462	1.613	1.534	1.549	5.29
77)		n-Butylbenzene	2.021	2.540	2.799	2.240	2.502	2.129	2.309	13.61
78)		1,2-Dichlorobenzene	1.333	1.568	1.677	1.461	1.632	1.527	1.530	7.42
79)		1,2-Dibromo-3-chlor	0.210	0.198	0.205	0.199	0.237	0.216	0.214	7.18
80)		1,2,4-Trichlorobenz	0.759	0.852	0.836	0.751	0.886	0.863	0.825	6.23
81)		Hexachlorobutadiene	0.390	0.480	0.491	0.425	0.512	0.540	0.485	12.32
82)		Naphthalene	2.044	2.236	2.163	1.888	2.159	1.807	1.972	13.05
83)		1,2,3-Trichlorobenz	0.805	0.794	0.729	0.686	0.832	0.793	0.769	6.64

(#) = Out of Range ### Number of calibration levels exceeded format #

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 10:48:57 2007
Response via : Initial Calibration

Calibration Files
200 =J2839.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.294		
3)	P	Chloromethane	0.247		
4)	CP	Vinyl chloride	0.298		
5)		Bromomethane	0.199		
6)		Chloroethane	0.063		
7)		Trichlorofluorometh	0.205		
8)		Acetone	0.095		
9)		Acrolein	0.046		
10)	CPM	1,1-Dichloroethene	0.225		
11)		Methyl iodide	0.231		
12)		1,1,2-Trichloro-1,2	0.221		
13)		Methyl acetate	0.209		
14)		Acrylonitrile	0.105		
15)		Methylene chloride	0.267		
16)		Carbon disulfide	0.705		
17)		trans-1,2-Dichloroe	0.269		
18)		Methyl tert-Butyl e	0.642		
19)	P	1,1-Dichloroethane	0.409		
20)		Vinyl acetate	0.453		
21)		2-Butanone	0.150		
22)		cis-1,2-Dichloroeth	0.297		
23)		Bromochloromethane	0.142		
24)	CP	Chloroform	0.407		
25)		2,2-Dichloropropane	0.355		
26)		Cyclohexane	0.418		
27)	S	Dibromofluoromethan	0.240		
28)	S	1,2-Dichloroethane-	0.242		
29)		1,2-Dichloroethane	0.282		
30)		1,1,1-Trichloroetha	0.371		
31)		1,1-Dichloropropene	0.335		
32)		Carbon tetrachlorid	0.259		
33)	M	Benzene	0.760		
34)	M	Trichloroethene	0.286		
35)		Dibromomethane	0.163		
36)		Methylcyclohexane	0.452		
37)	CP	1,2-Dichloropropane	0.259		
38)		Bromodichloromethan	0.313		
39)		2-Chloroethylvinyl	0.091		
40)		4-Methyl-2-pentanon	0.231		
41)		cis-1,3-Dichloropro	0.406		
42)	S	Toluene-d8	0.675		
43)	CPM	Toluene	0.595		

(#) = Out of Range ### Number of calibration levels exceeded format ##

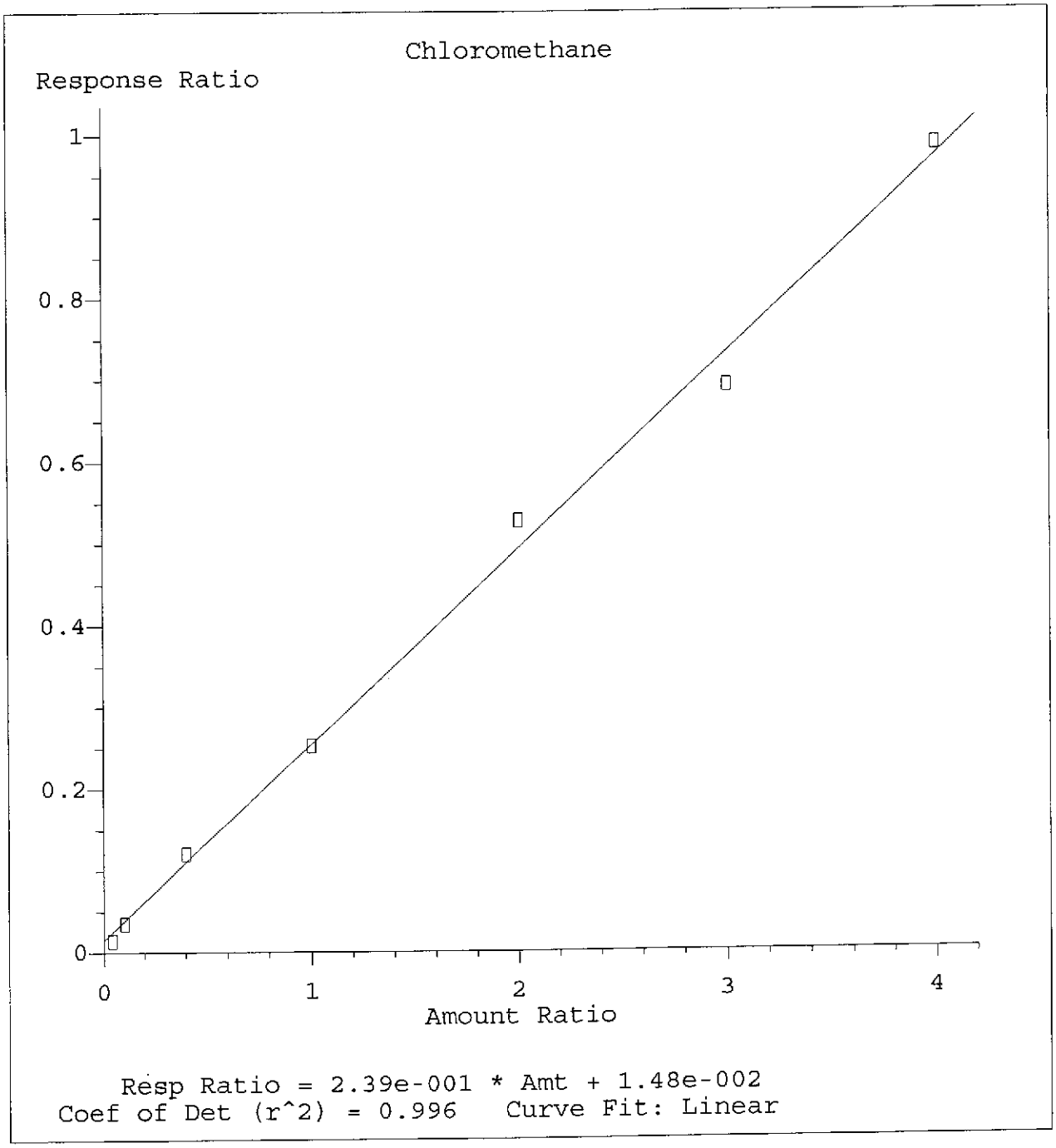
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 10:48:57 2007
Response via : Initial Calibration

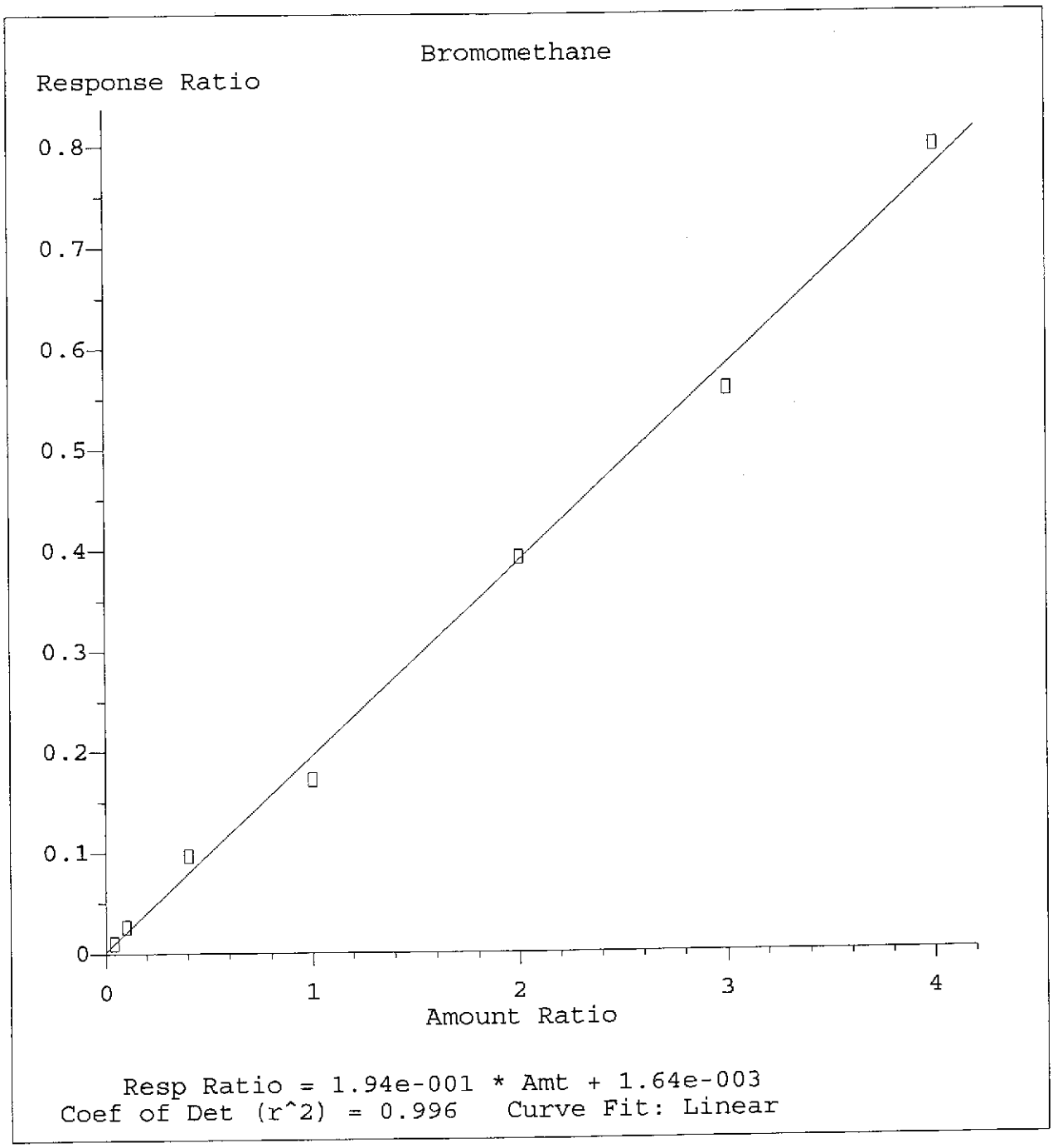
Calibration Files
200 =J2839.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.359		
45)		1,1,2-Trichloroetha	0.205		
46)		2-Hexanone	0.194		
47)		1,2-Dibromoethane	0.248		
48)	I	Chlorobenzene-d5	----------ISTD----------		
49)		1,3-Dichloropropane	1.047		
50)		Dibromochloromethan	0.690		
51)		Tetrachloroethene	0.758		
52)		1-Chlorohexane	0.921		
53)		1,1,1,2-Tetrachloro	0.661		
54)	PM	Chlorobenzene	1.576		
55)	CP	Ethylbenzene	1.941		
56)		(m+p)-Xylene	0.903		
57)		o-Xylene	1.142		
58)		Styrene	1.603		
59)	P	Bromoform	0.456		
60)	S	Bromofluorobenzene	0.825		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.293		
63)	P	1,1,2,2-Tetrachloro	1.240		
64)		Isopropylbenzene	2.489		
65)		1,2,3-Trichloroprop	1.019		
66)		Bromobenzene	1.057		
67)		n-Propylbenzene	2.586		
68)		2-Chlorotoluene	2.400		
69)		4-Chlorotoluene	2.042		
70)		1,3,5-Trimethylbenz	2.221		
71)		tert-Butylbenzene	2.114		
72)		1,2,4-Trimethylbenz	2.093		
73)		sec-Butylbenzene	2.396		
74)		1,3-Dichlorobenzene	1.543		
75)		p-Isopropyltoluene	2.143		
76)		1,4-Dichlorobenzene	1.509		
77)		n-Butylbenzene	1.933		
78)		1,2-Dichlorobenzene	1.509		
79)		1,2-Dibromo-3-chlor	0.231		
80)		1,2,4-Trichlorobenz	0.831		
81)		Hexachlorobutadiene	0.555		
82)		Naphthalene	1.506		
83)		1,2,3-Trichlorobenz	0.743		

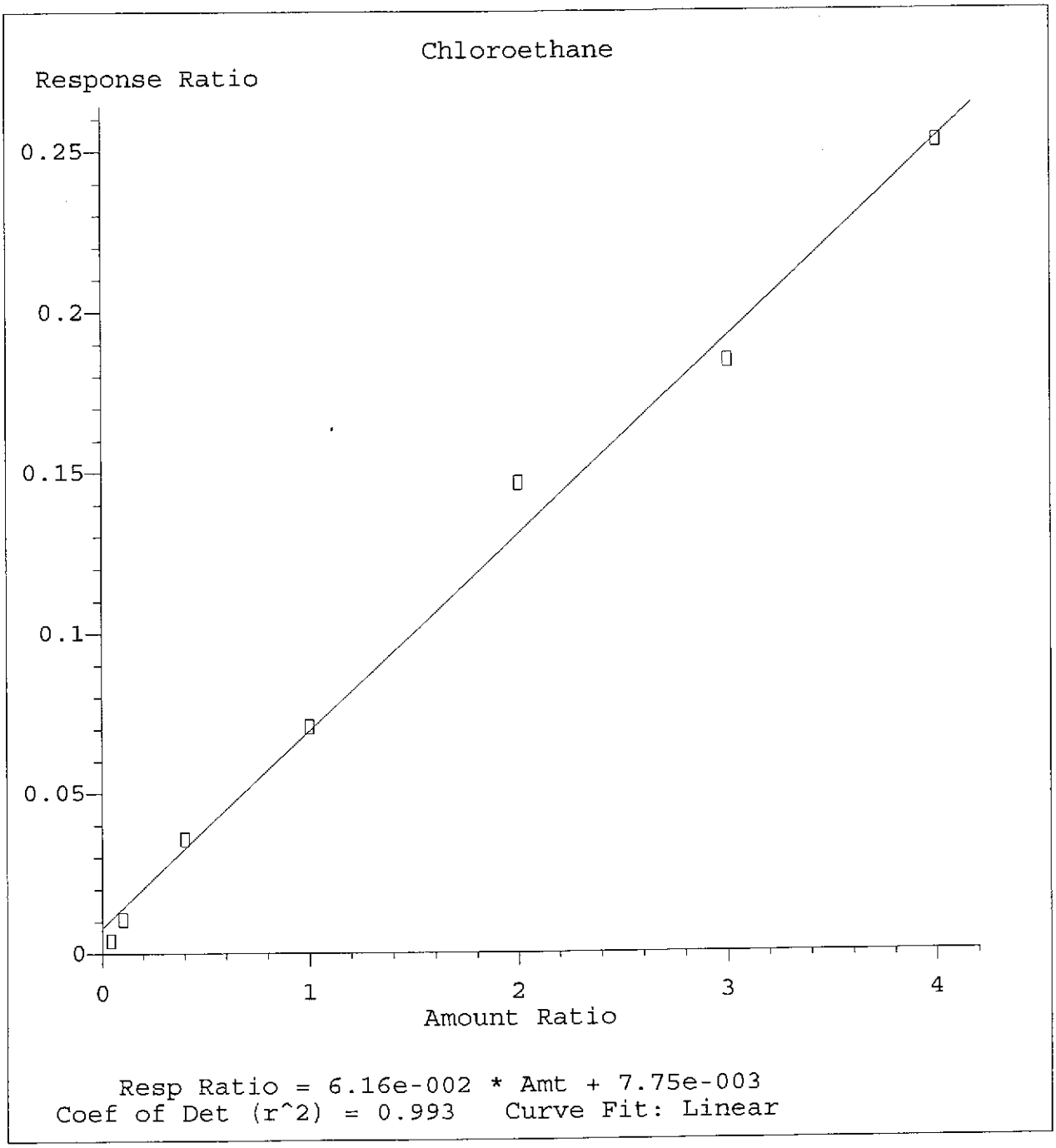
(#) = Out of Range ### Number of calibration levels exceeded format ##



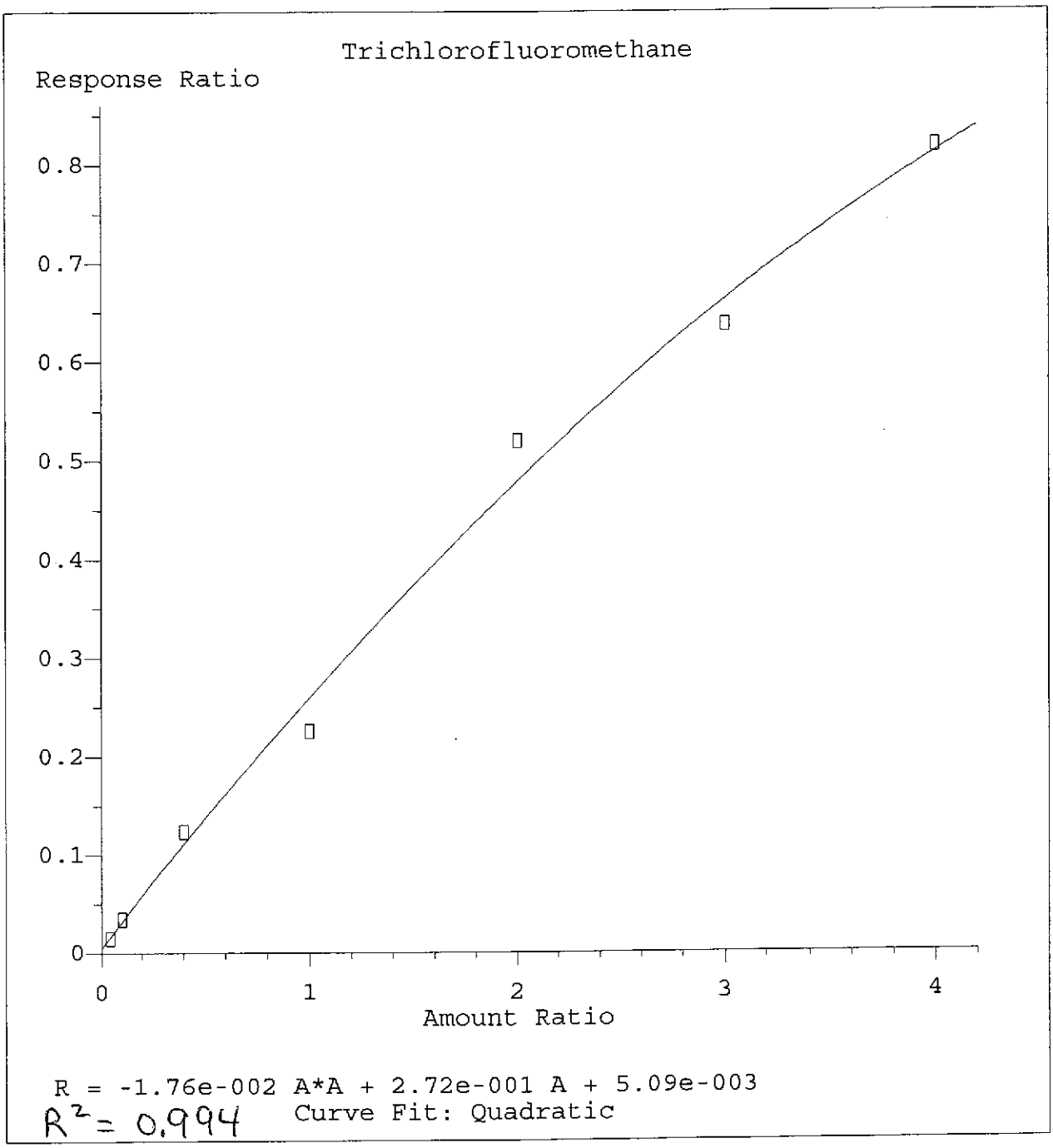
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:42:40 2007



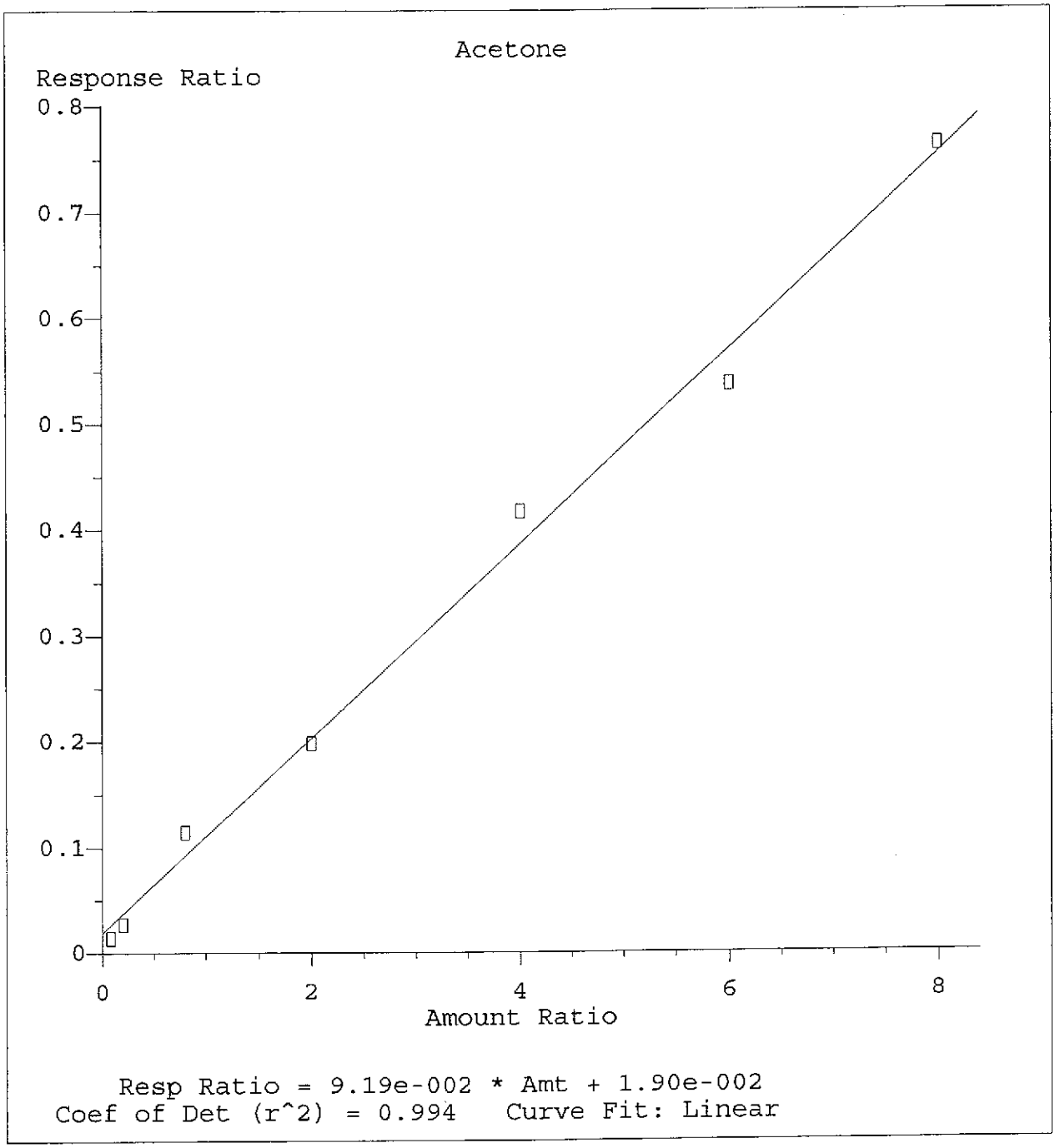
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Calibration Table Last Updated: Thu May 10 06:43:57 2007



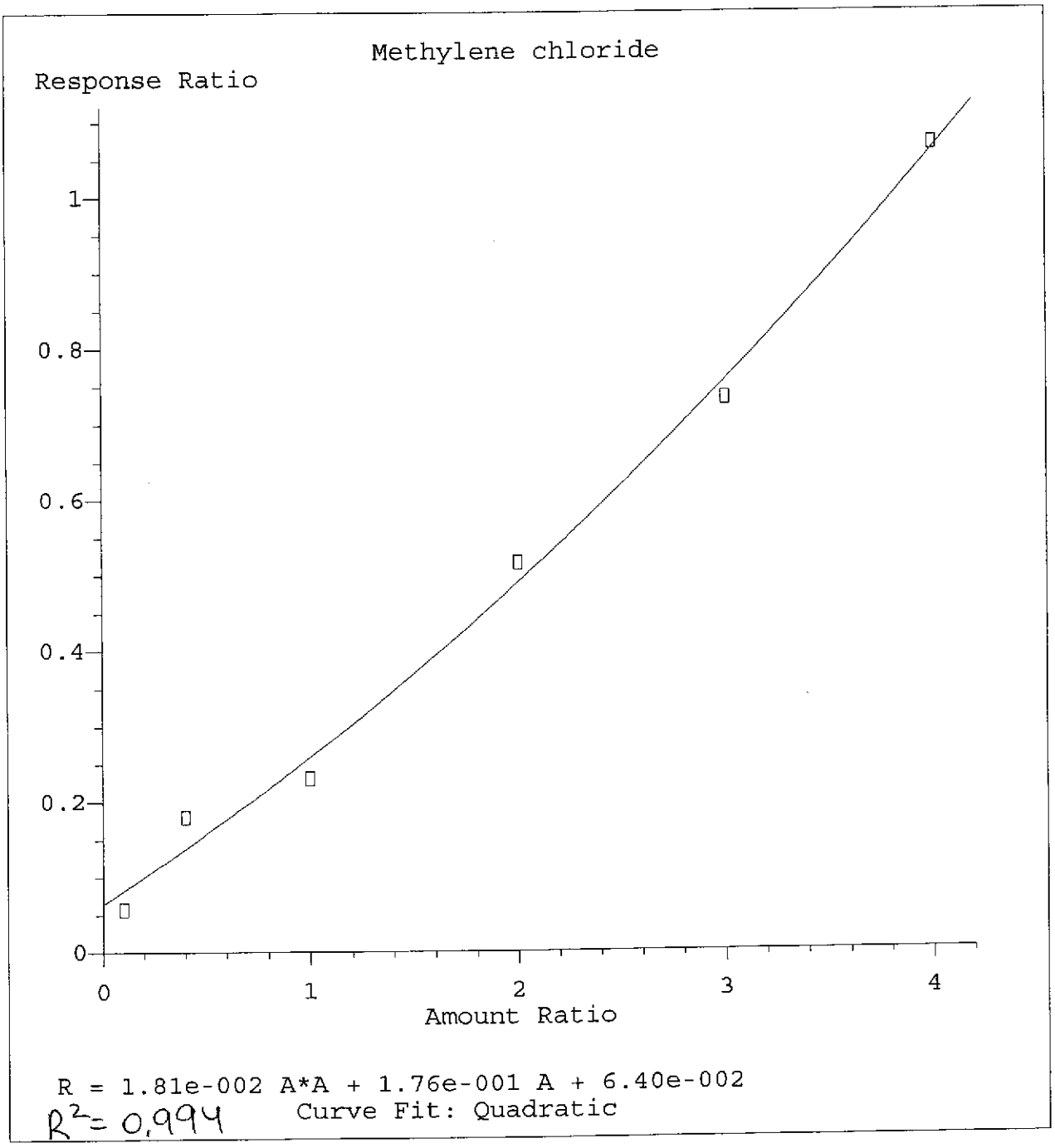
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:44:16 2007



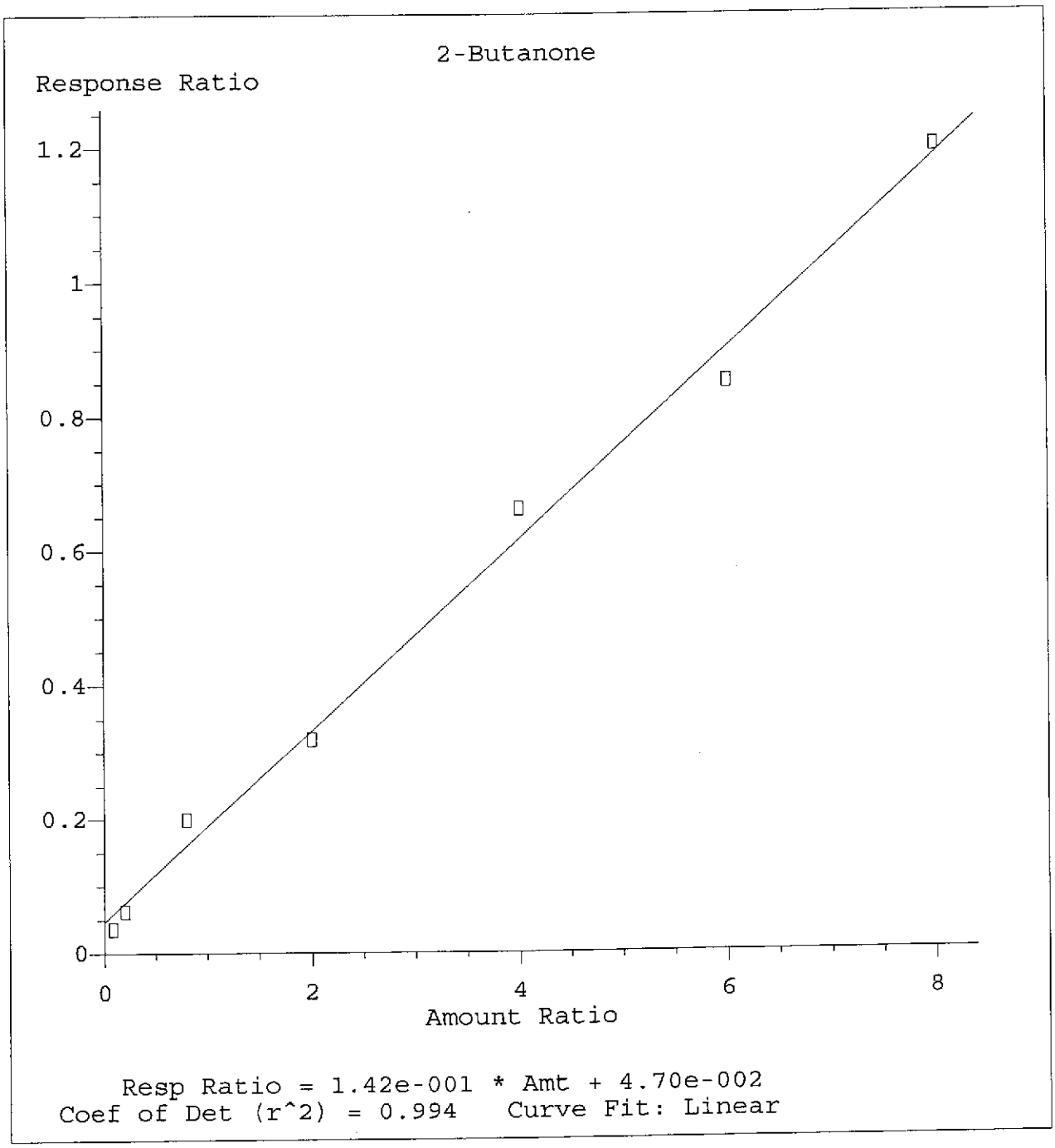
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:44:34 2007



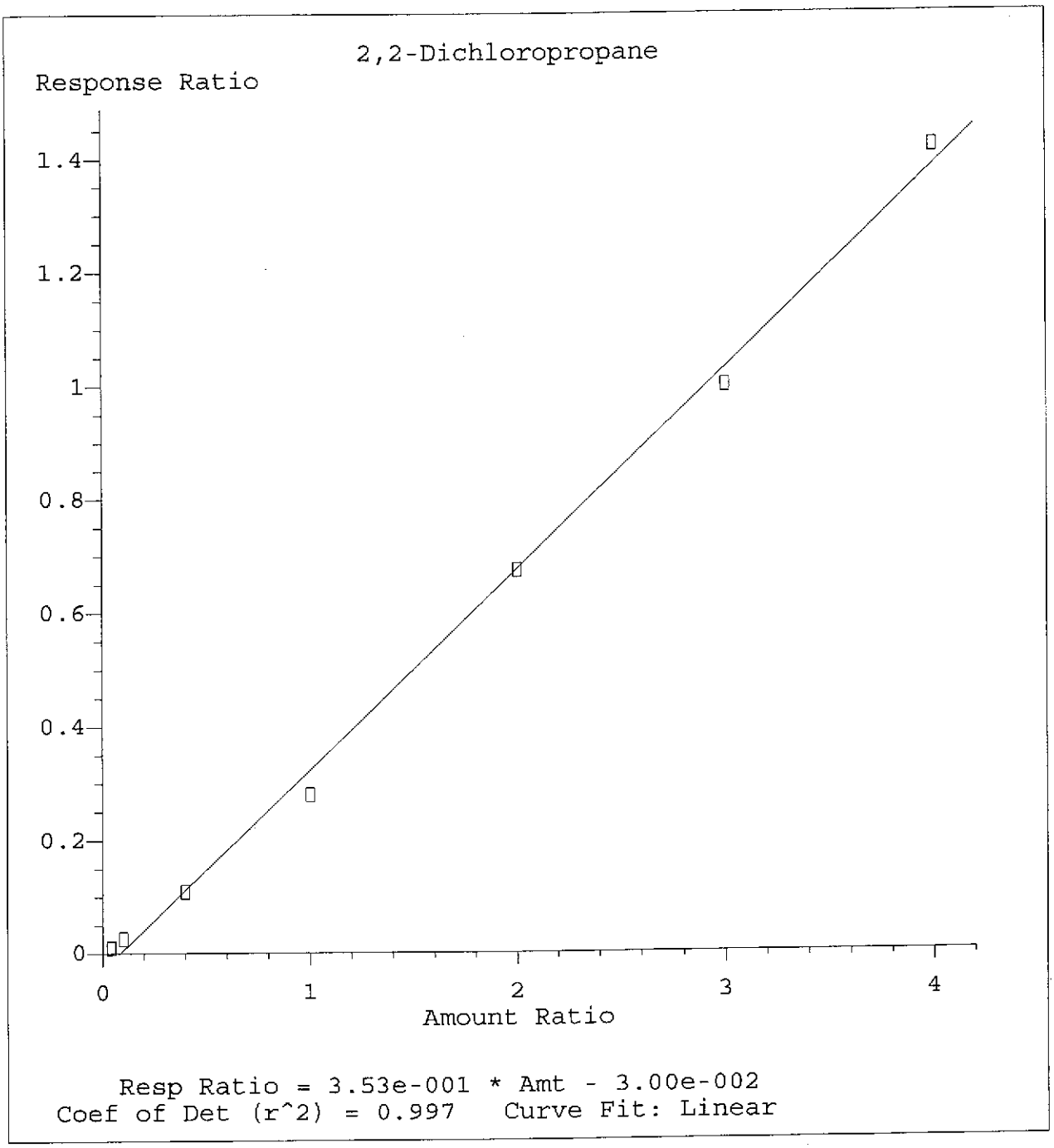
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:44:56 2007



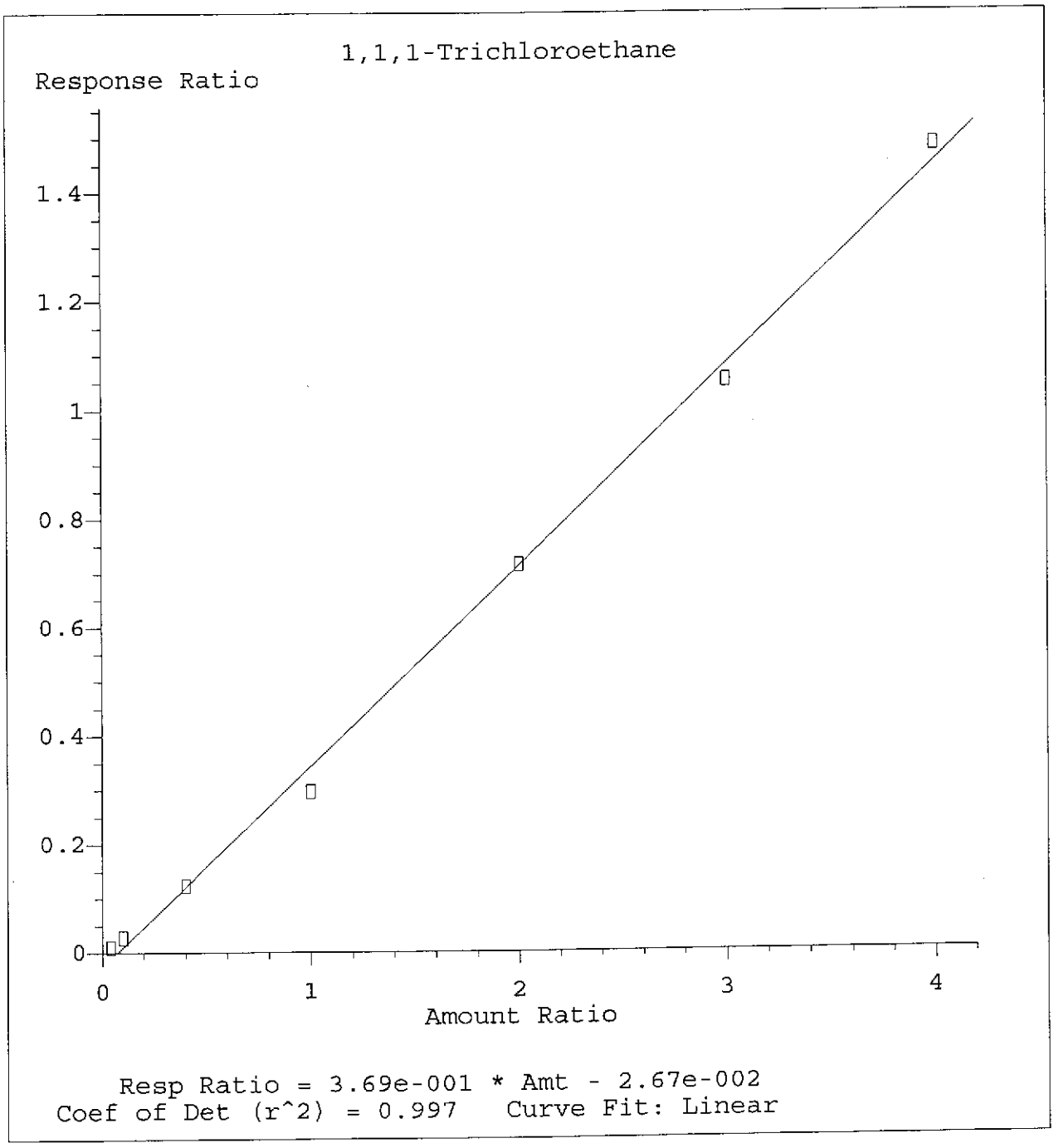
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 08:19:29 2007



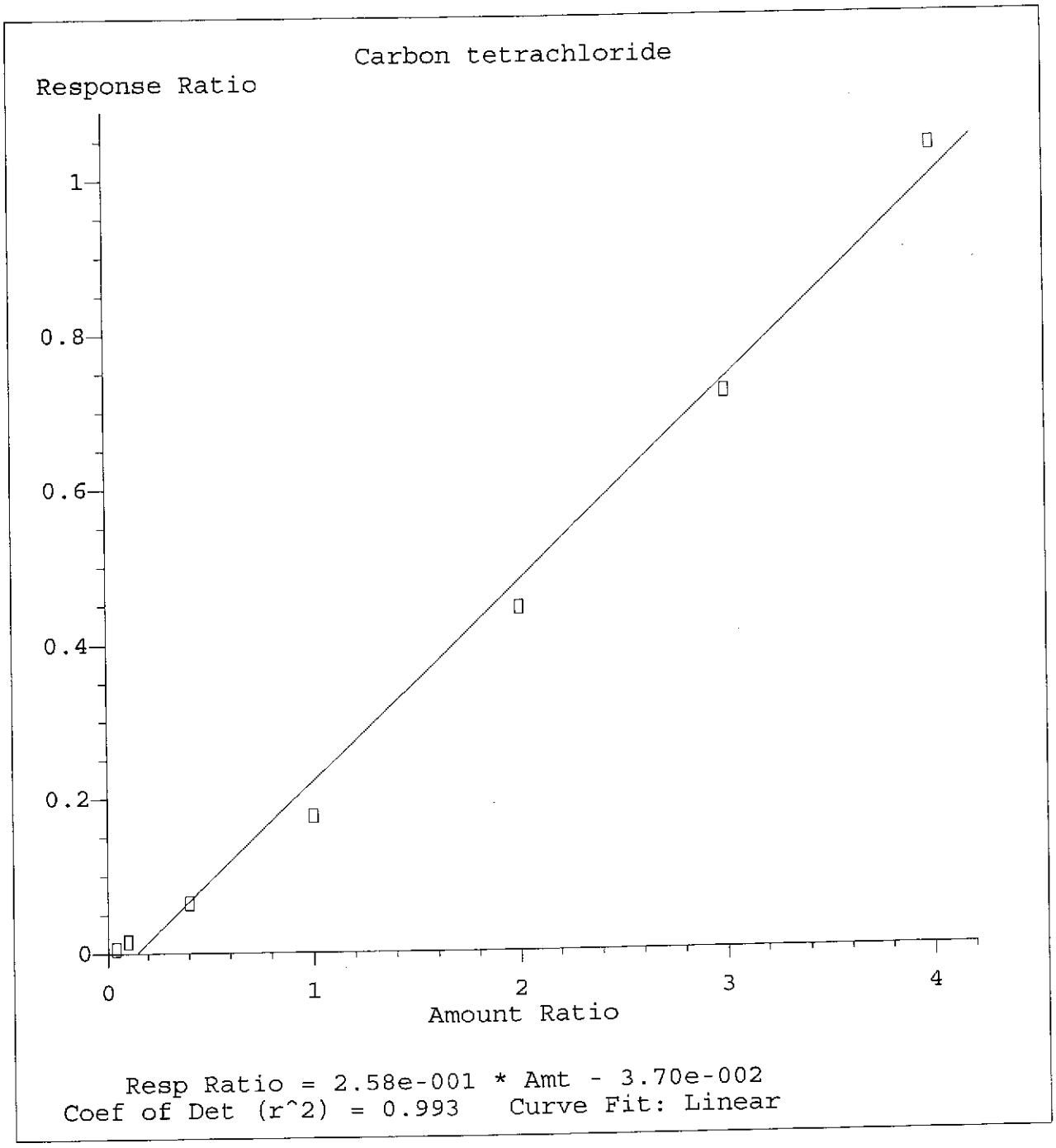
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:46:51 2007



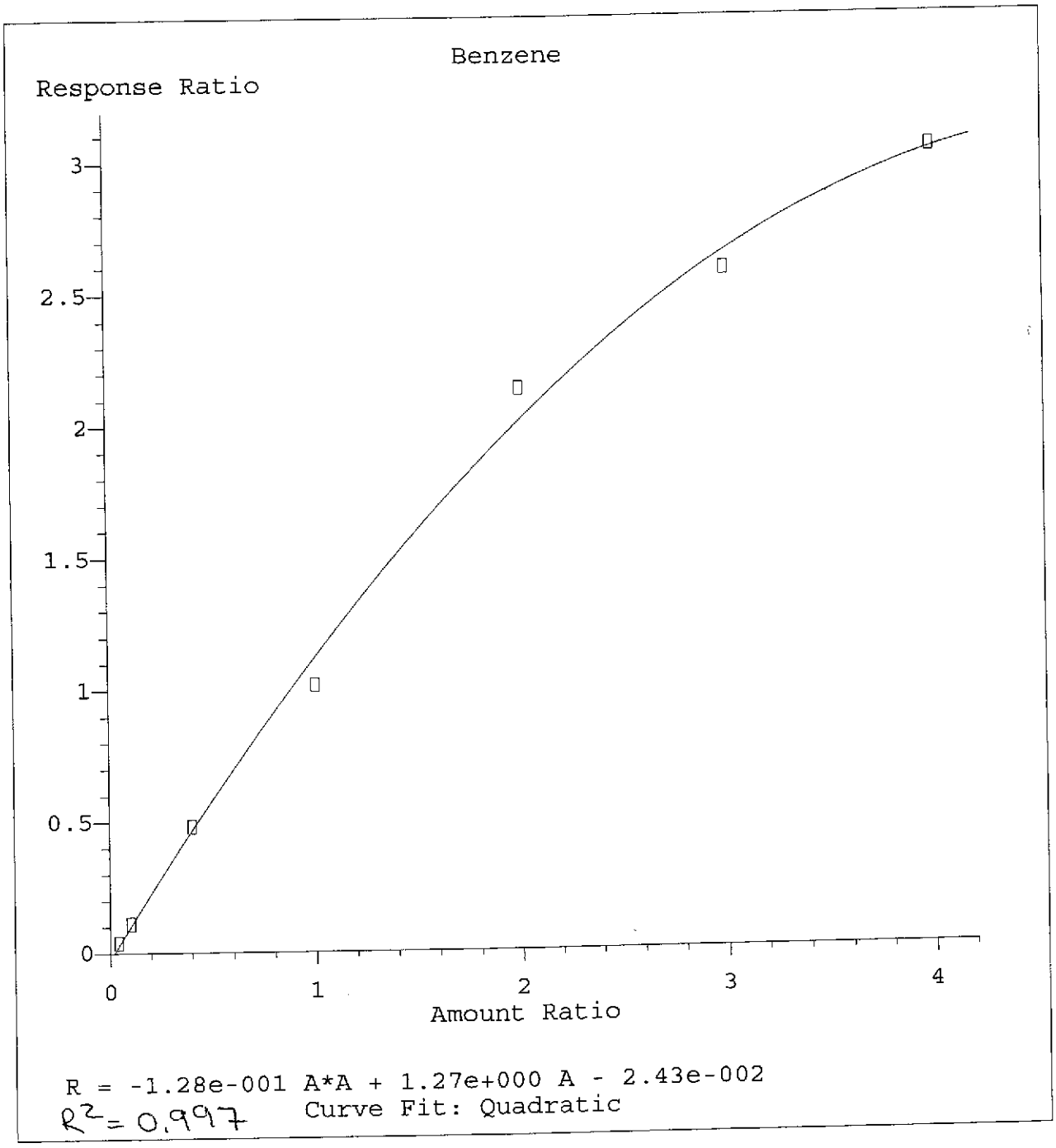
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:47:47 2007



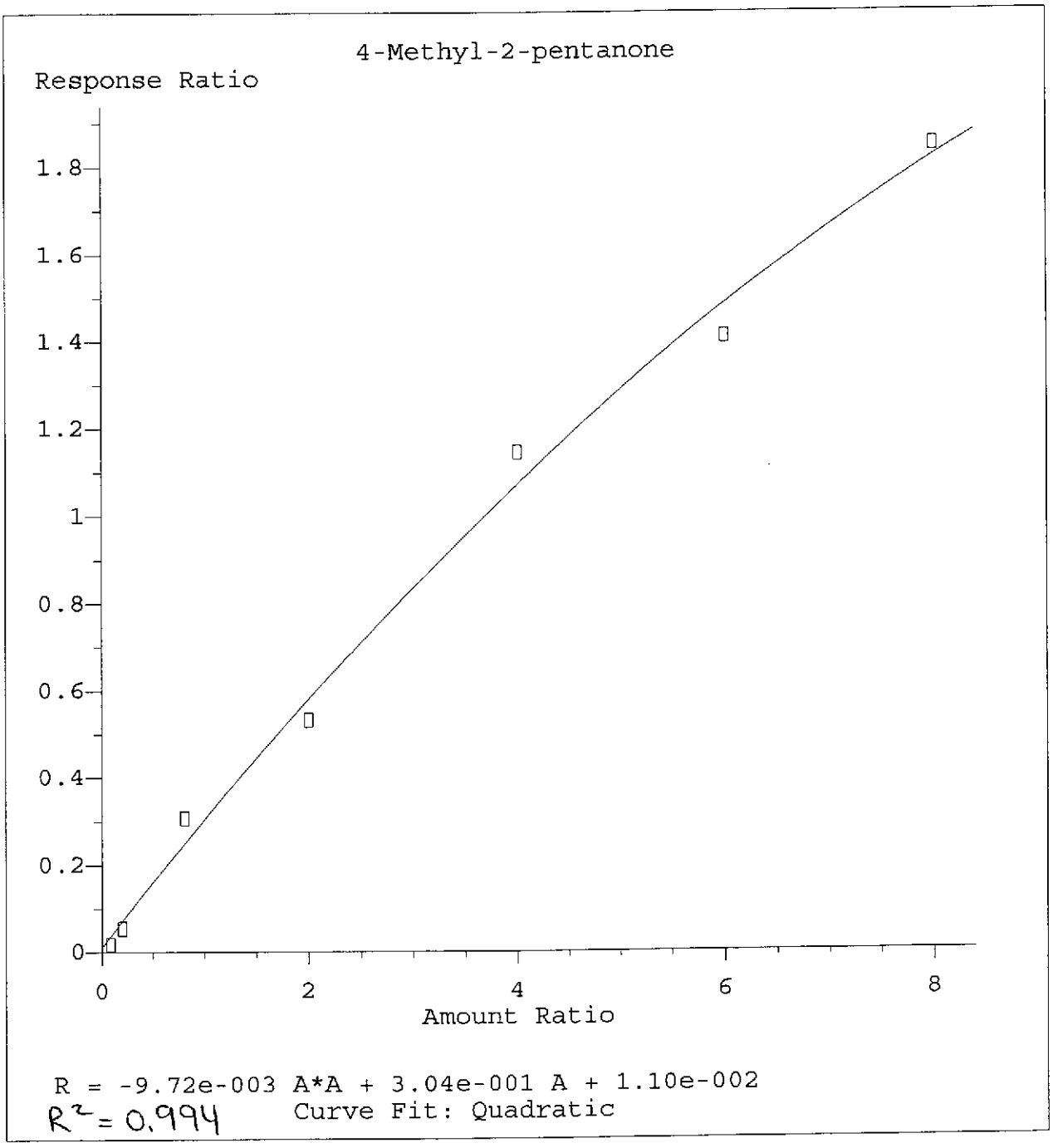
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:48:14 2007



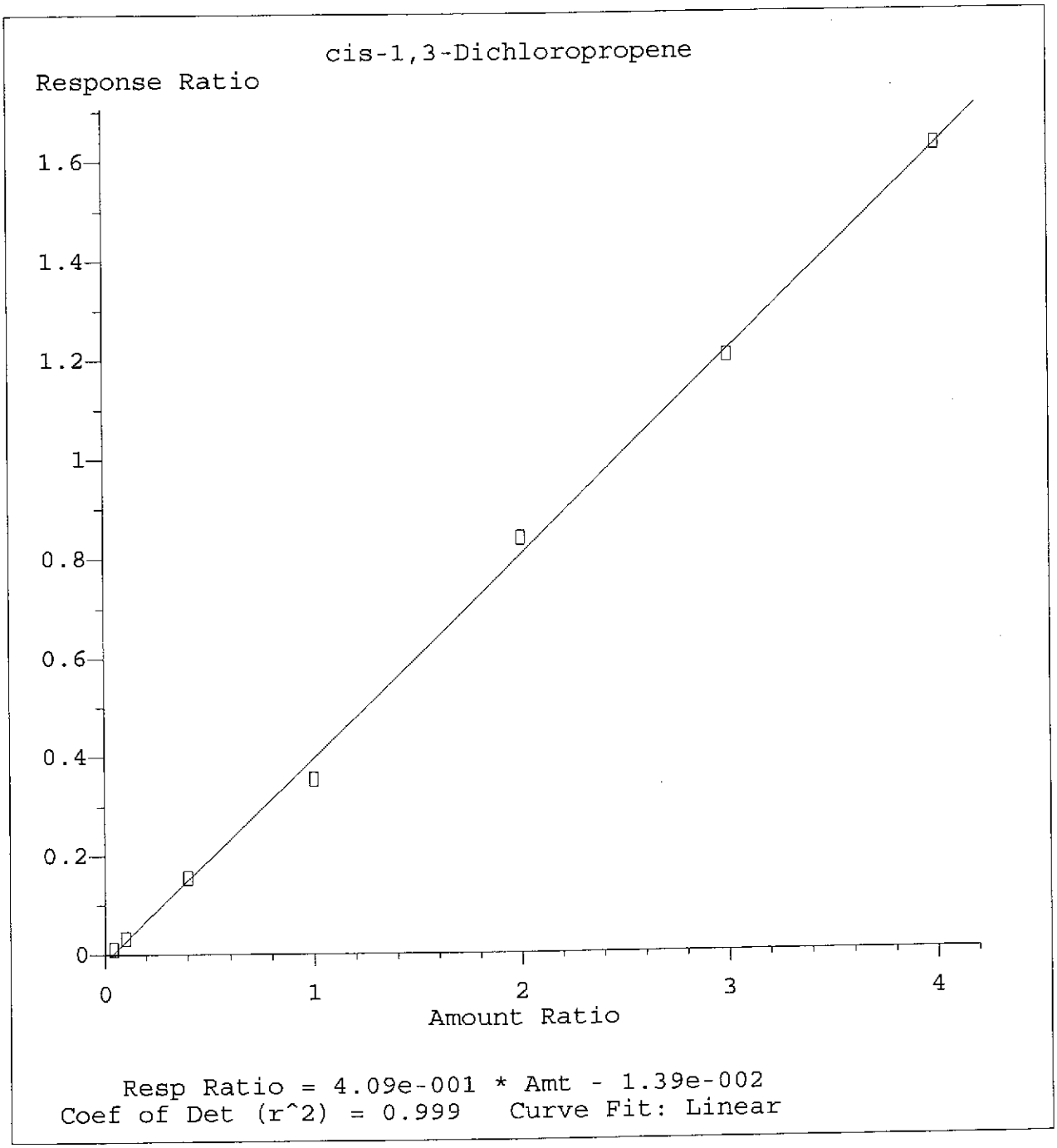
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:48:38 2007



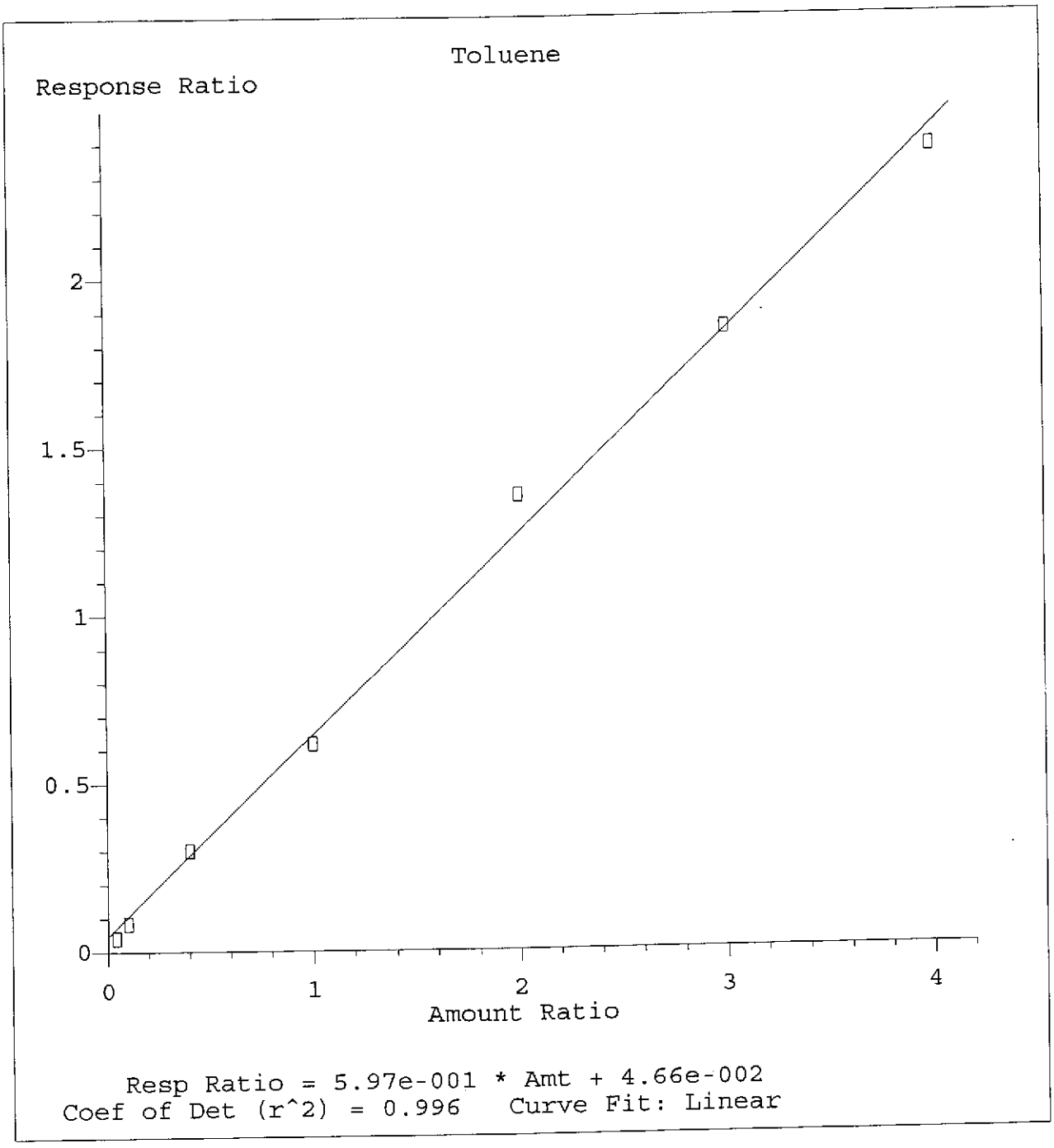
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:49:01 2007



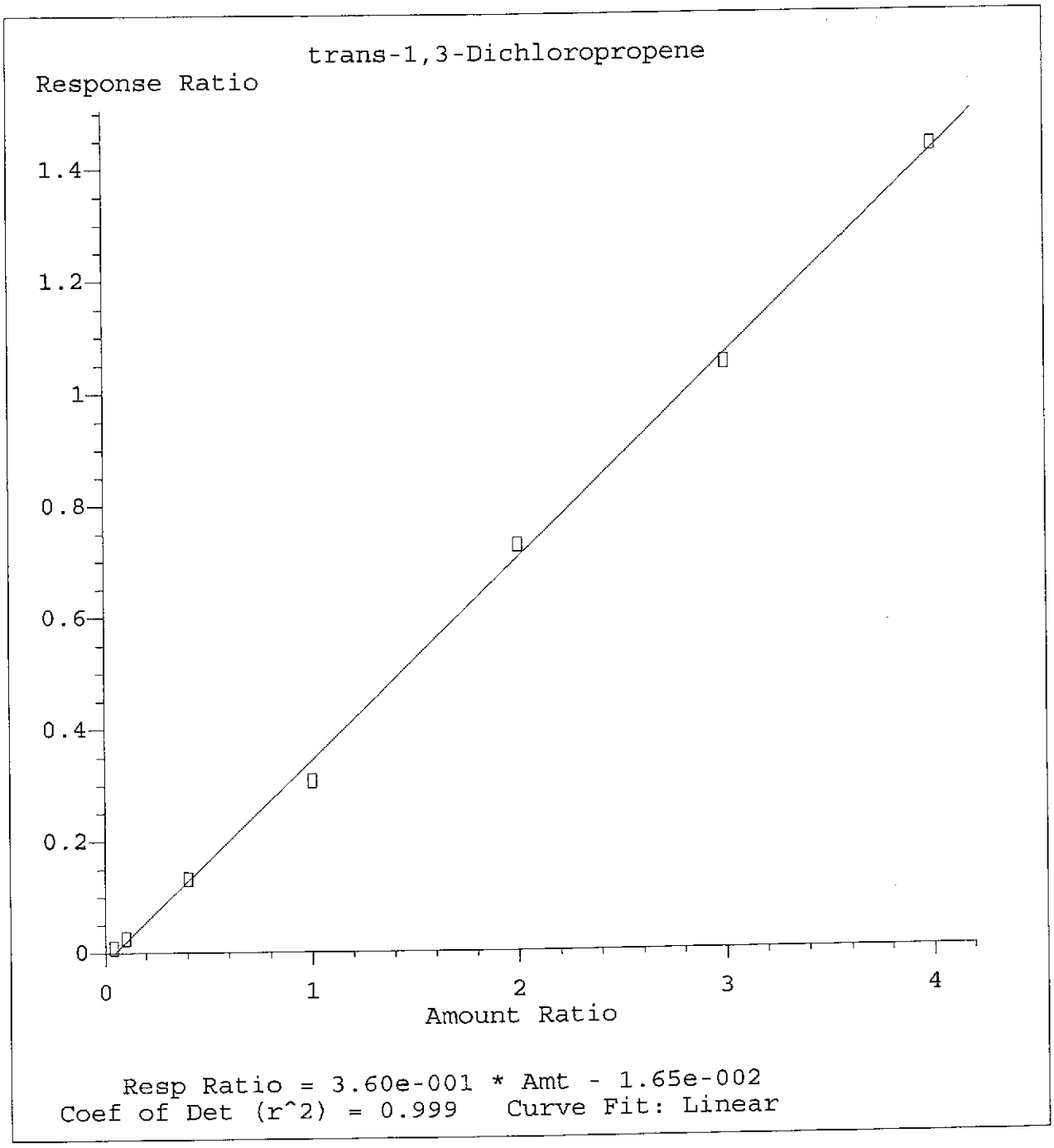
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:50:21 2007



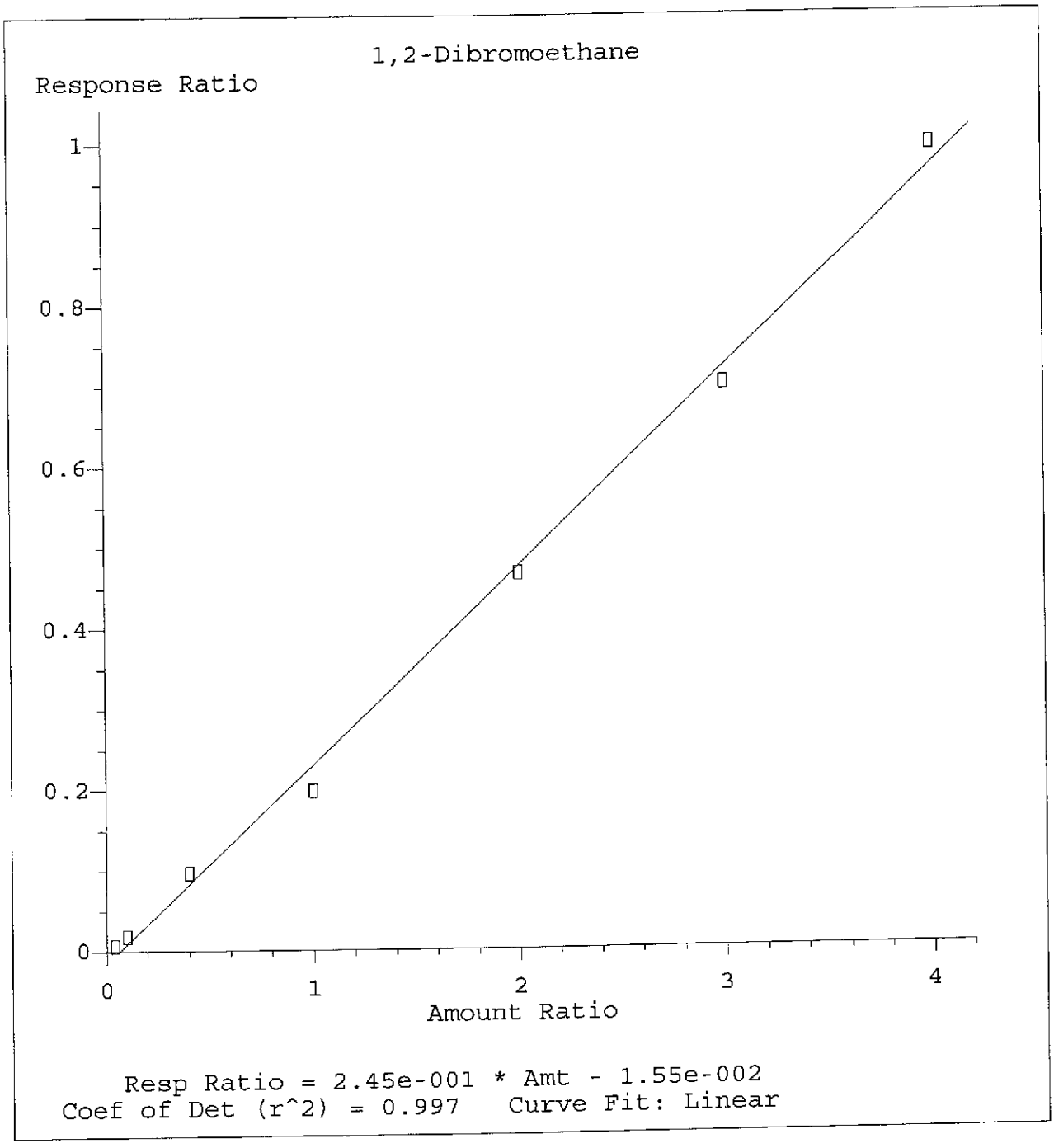
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:50:51 2007



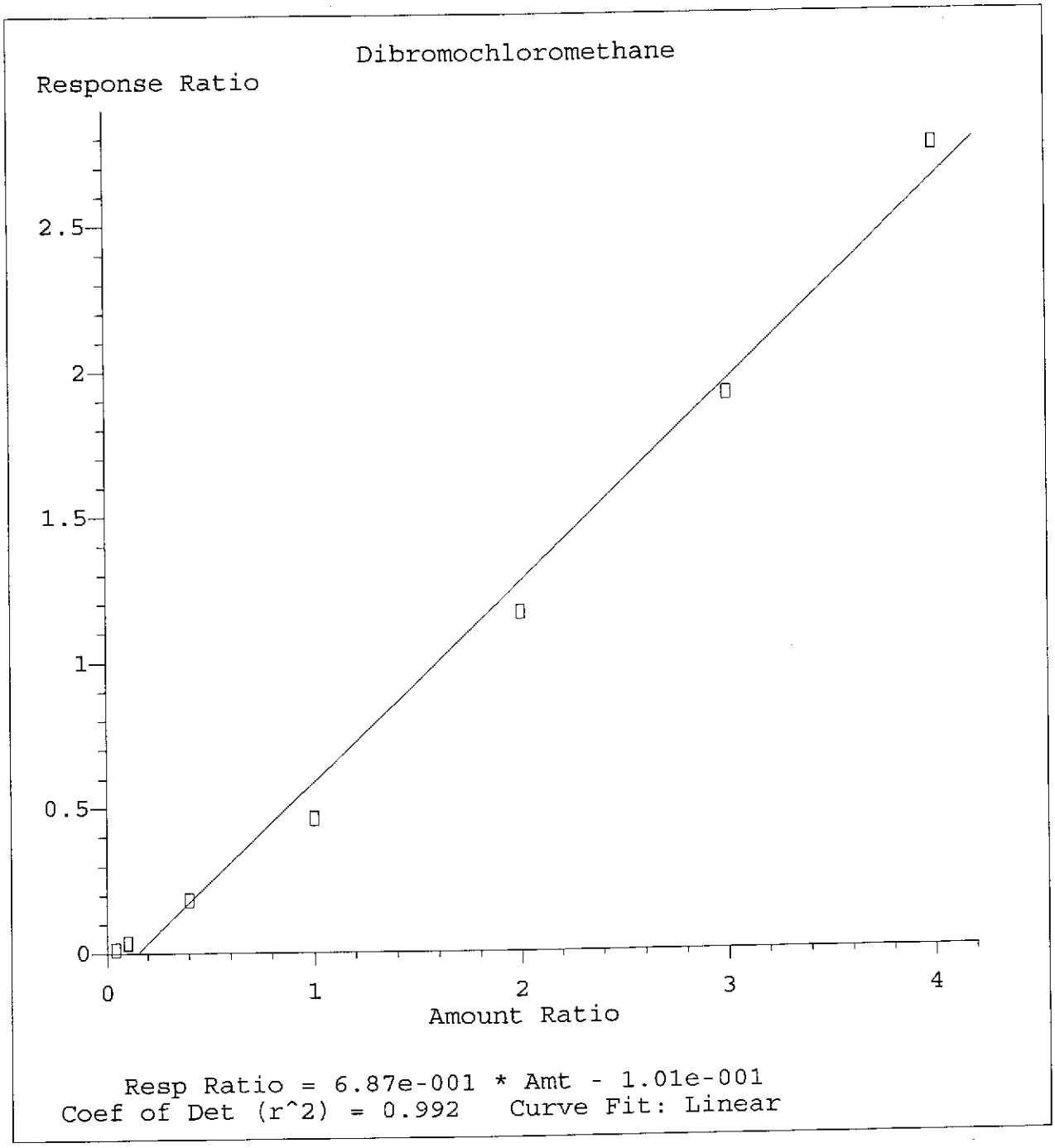
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:51:31 2007



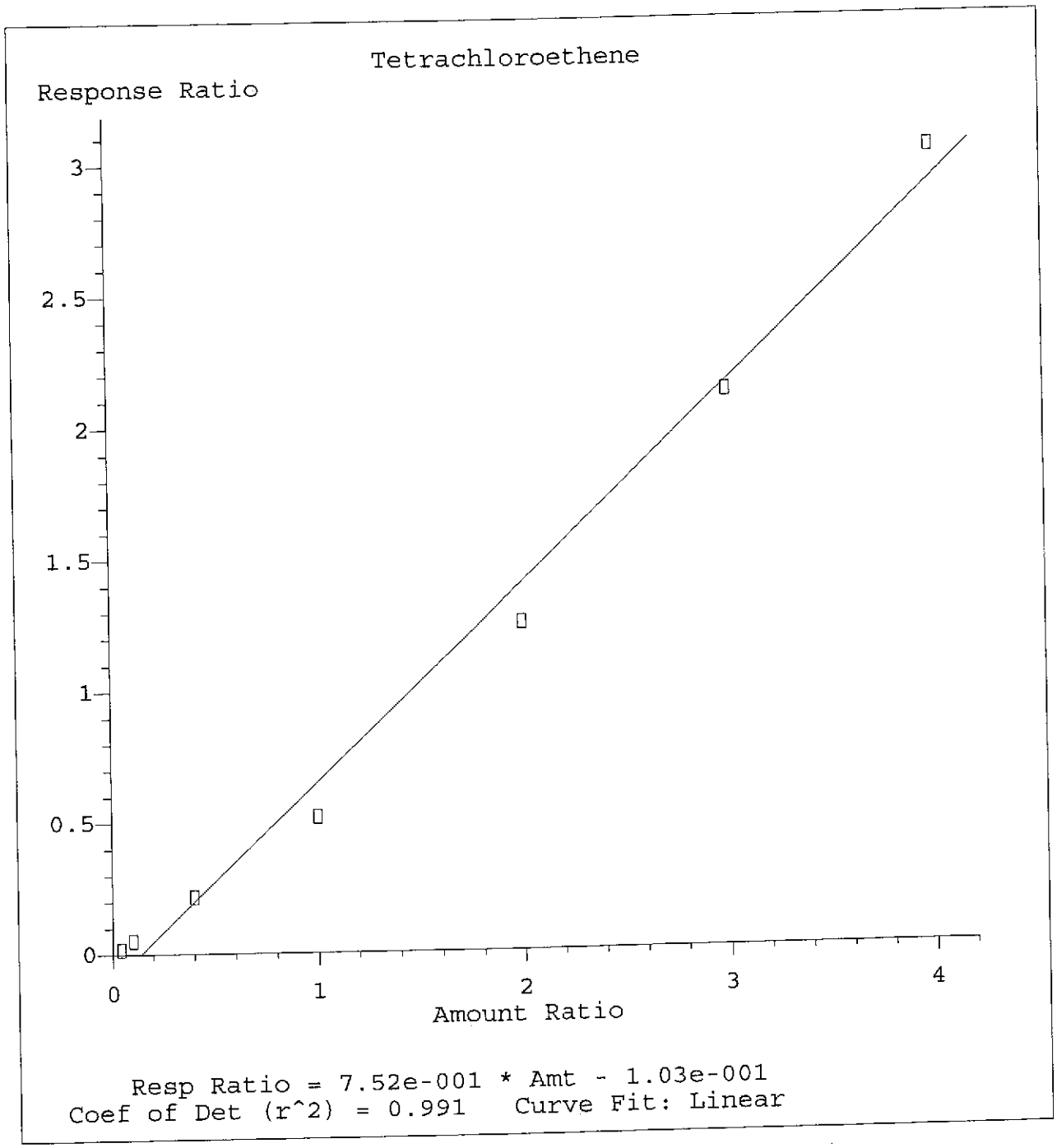
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:51:55 2007



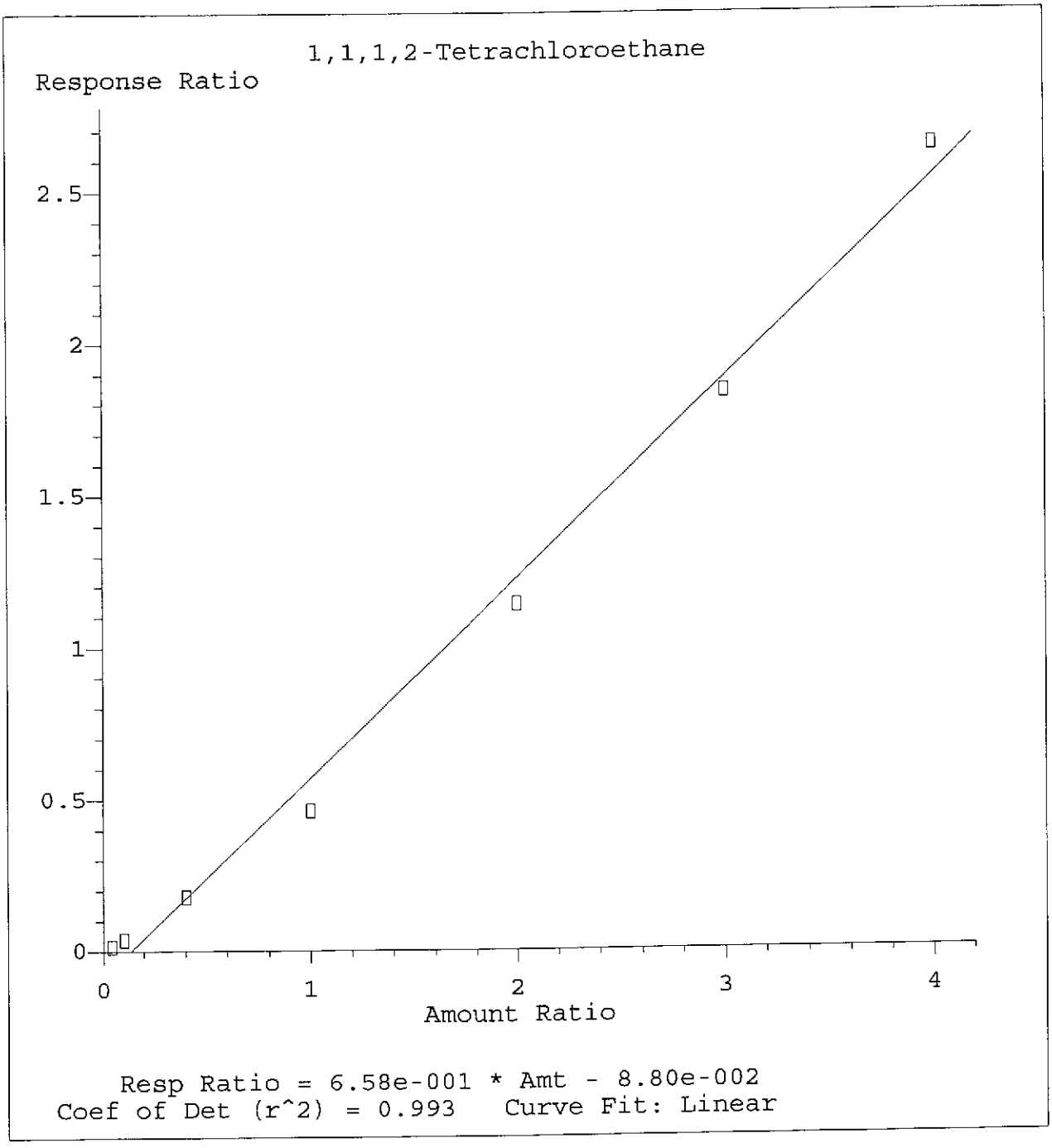
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:53:54 2007



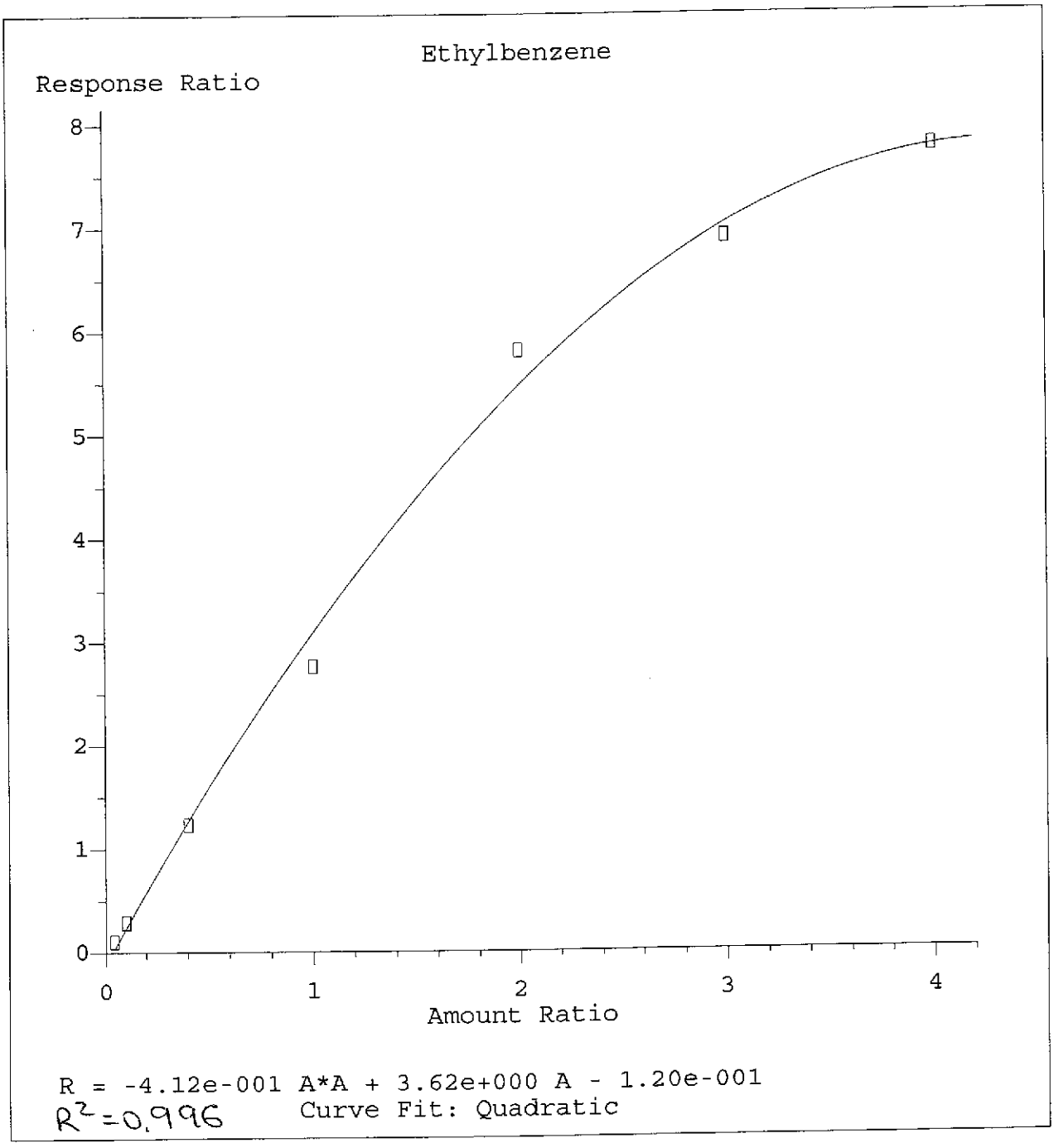
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Calibration Table Last Updated: Thu May 10 06:54:10 2007



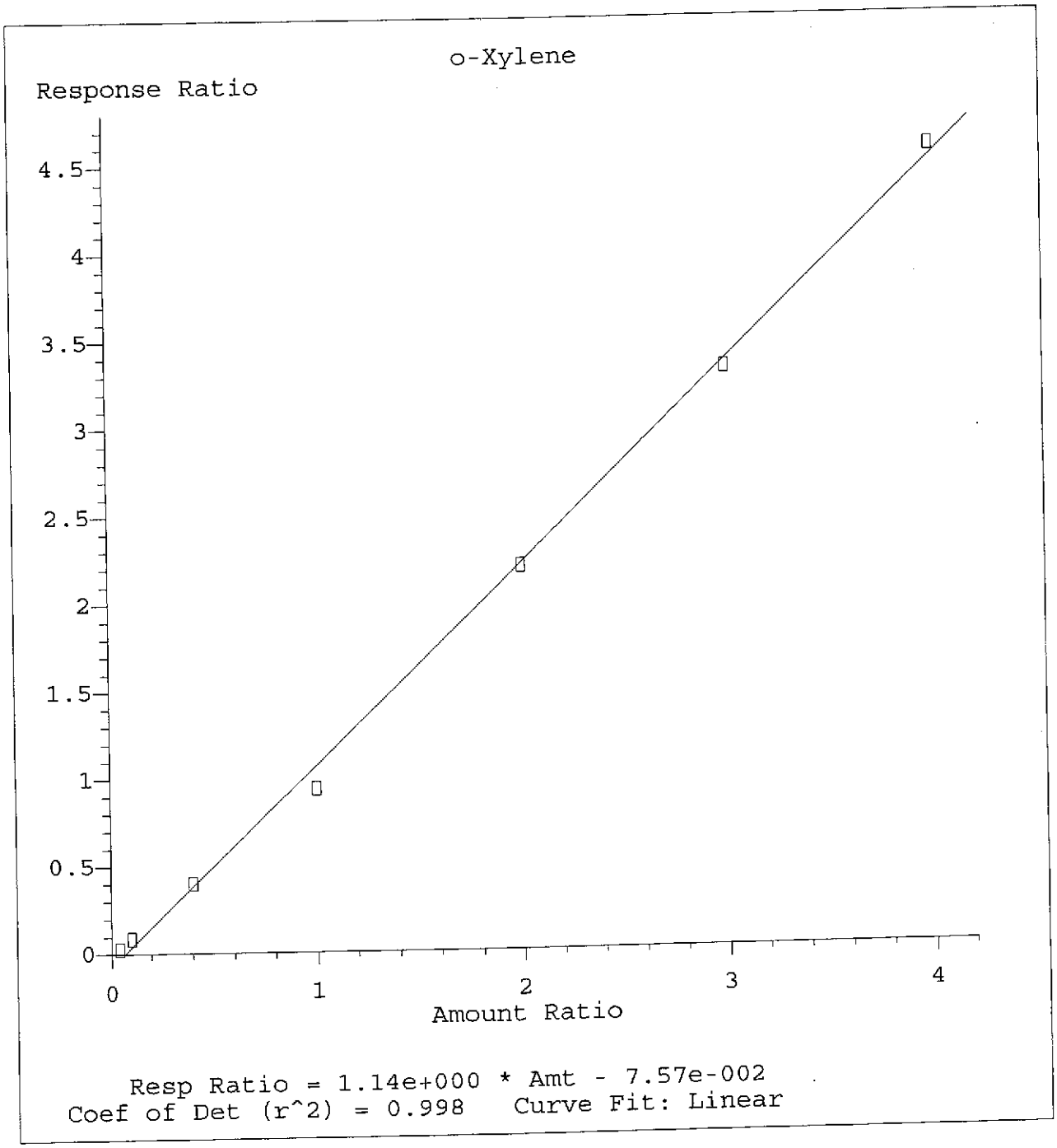
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Calibration Table Last Updated: Thu May 10 06:55:03 2007



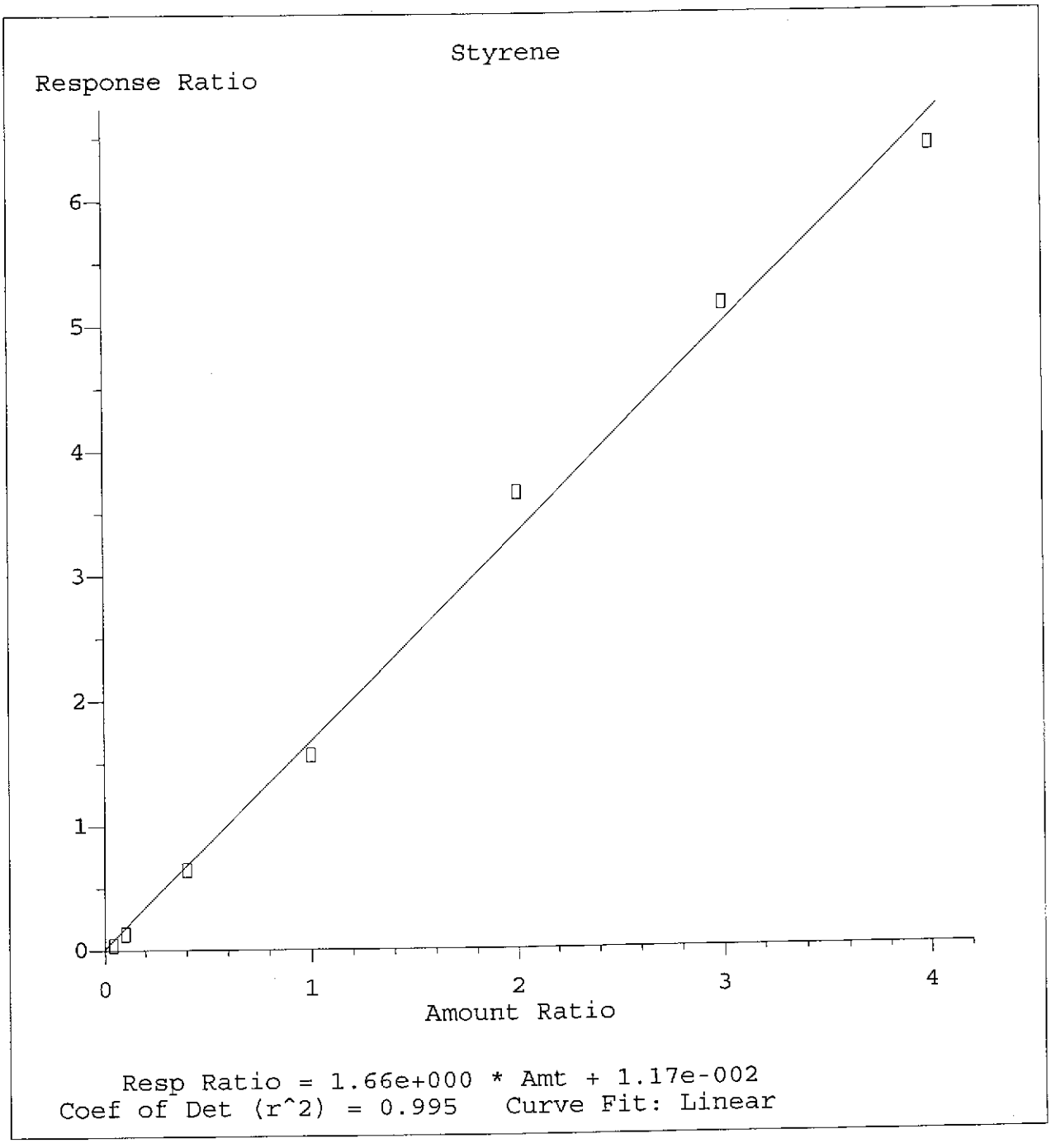
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:55:20 2007



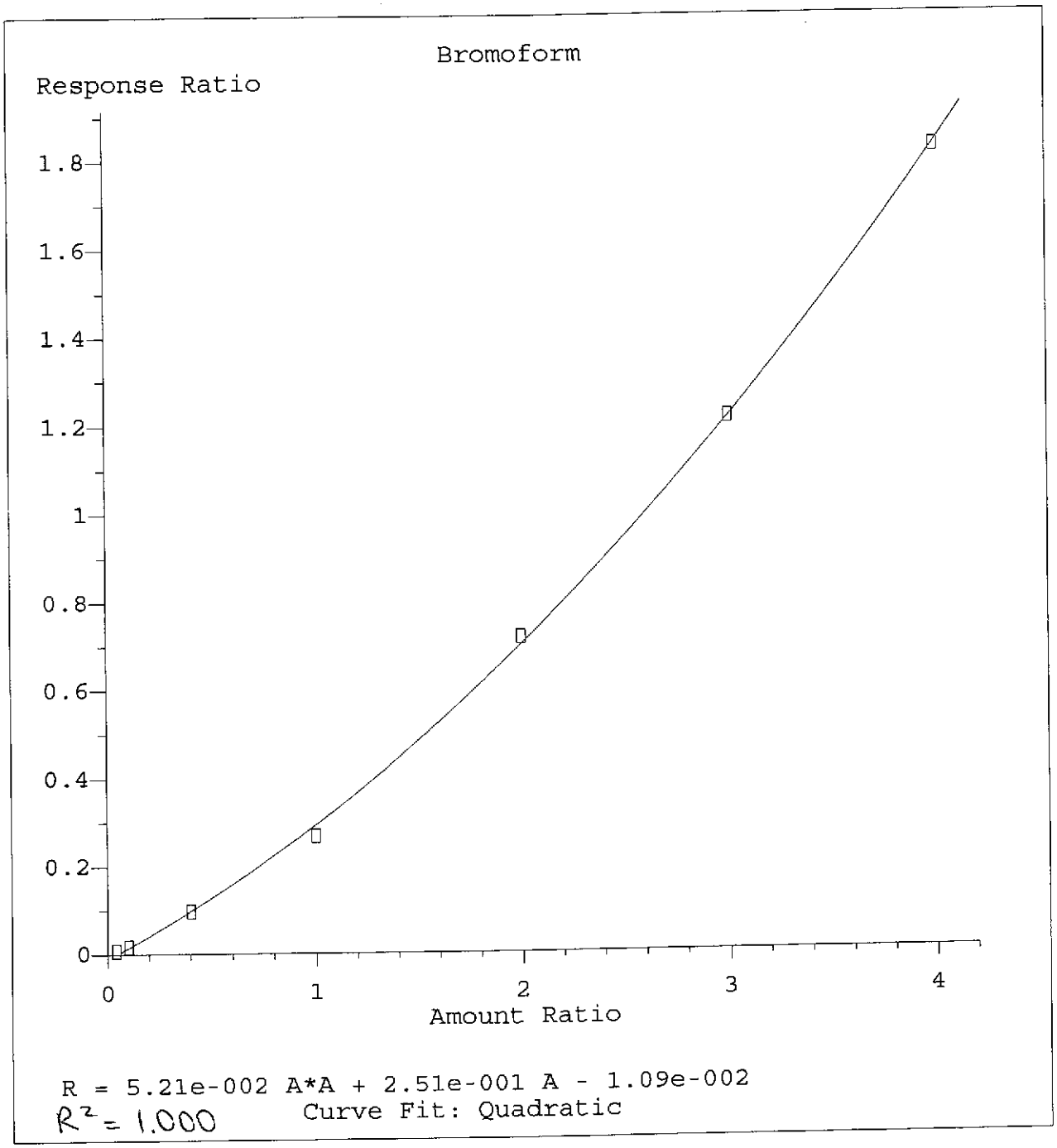
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:55:38 2007



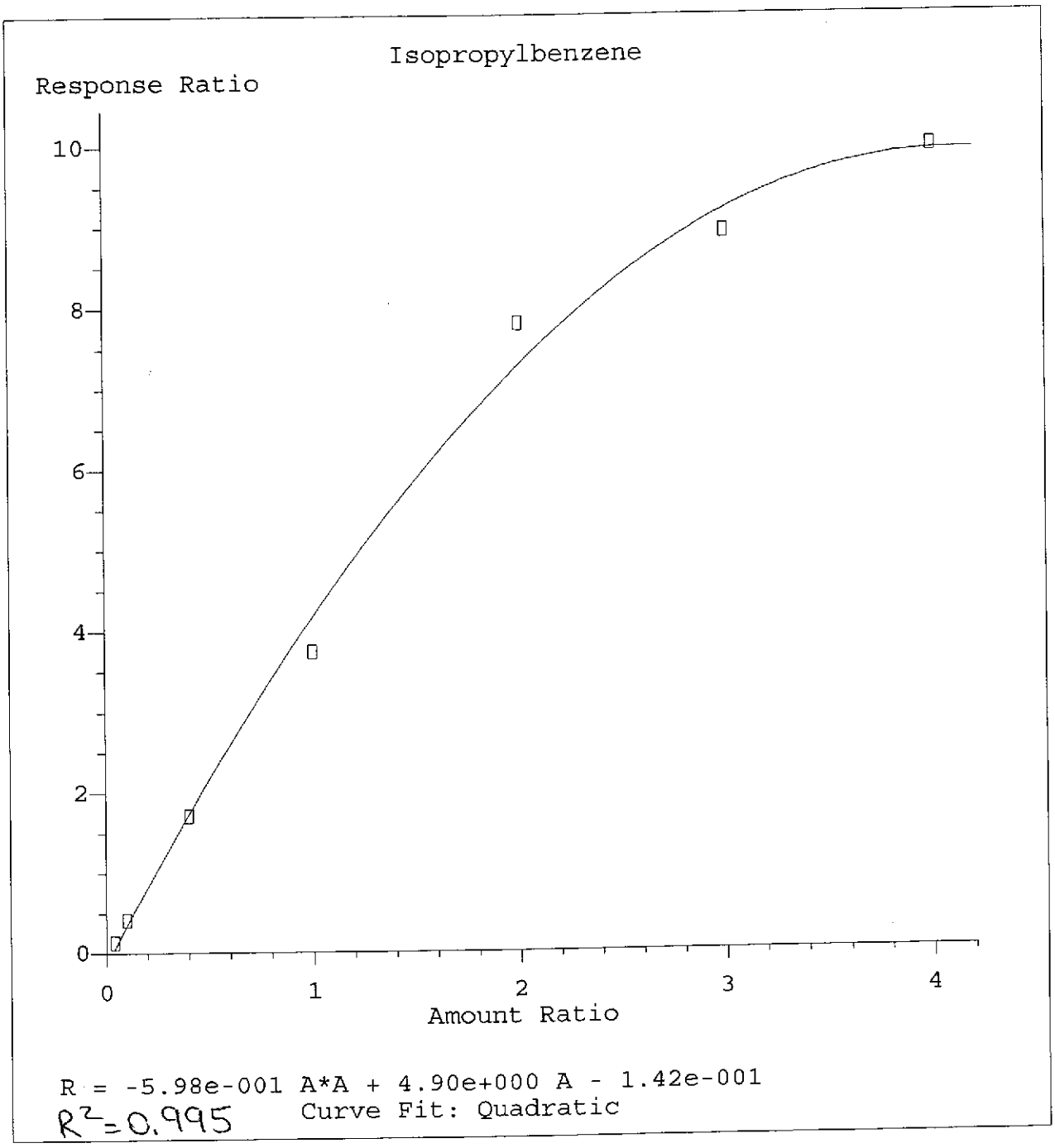
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:56:01 2007



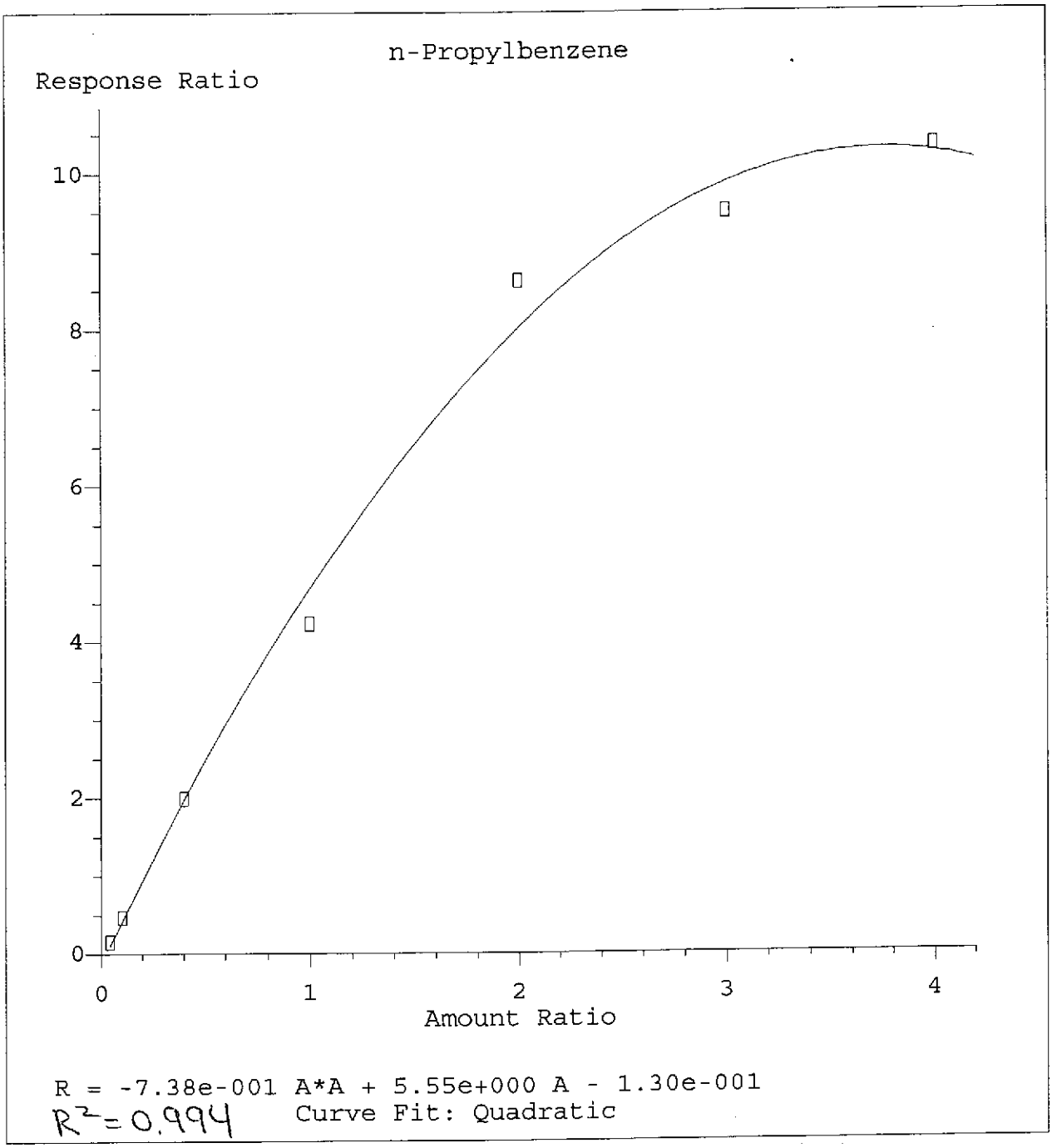
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:56:34 2007



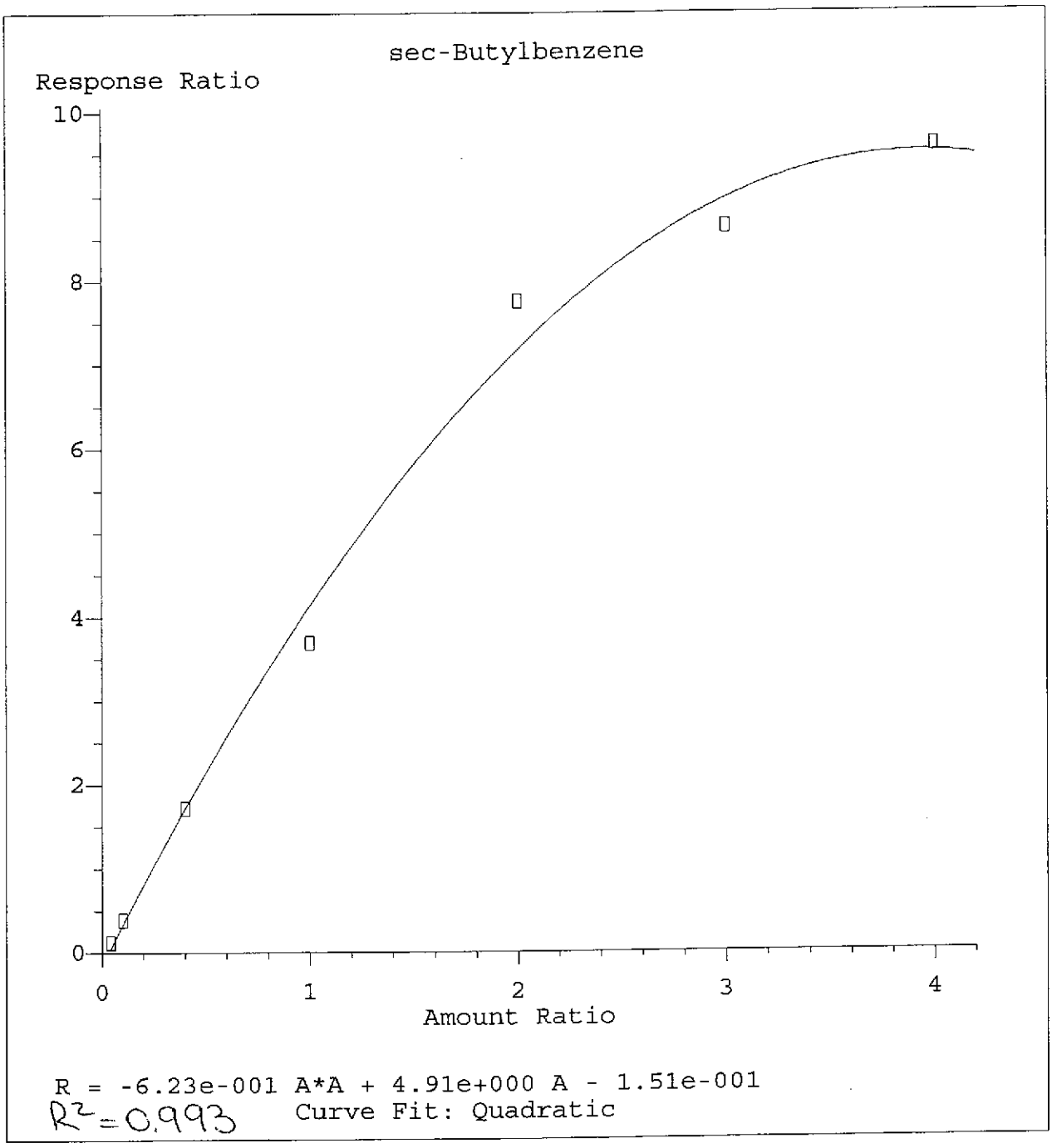
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:56:51 2007



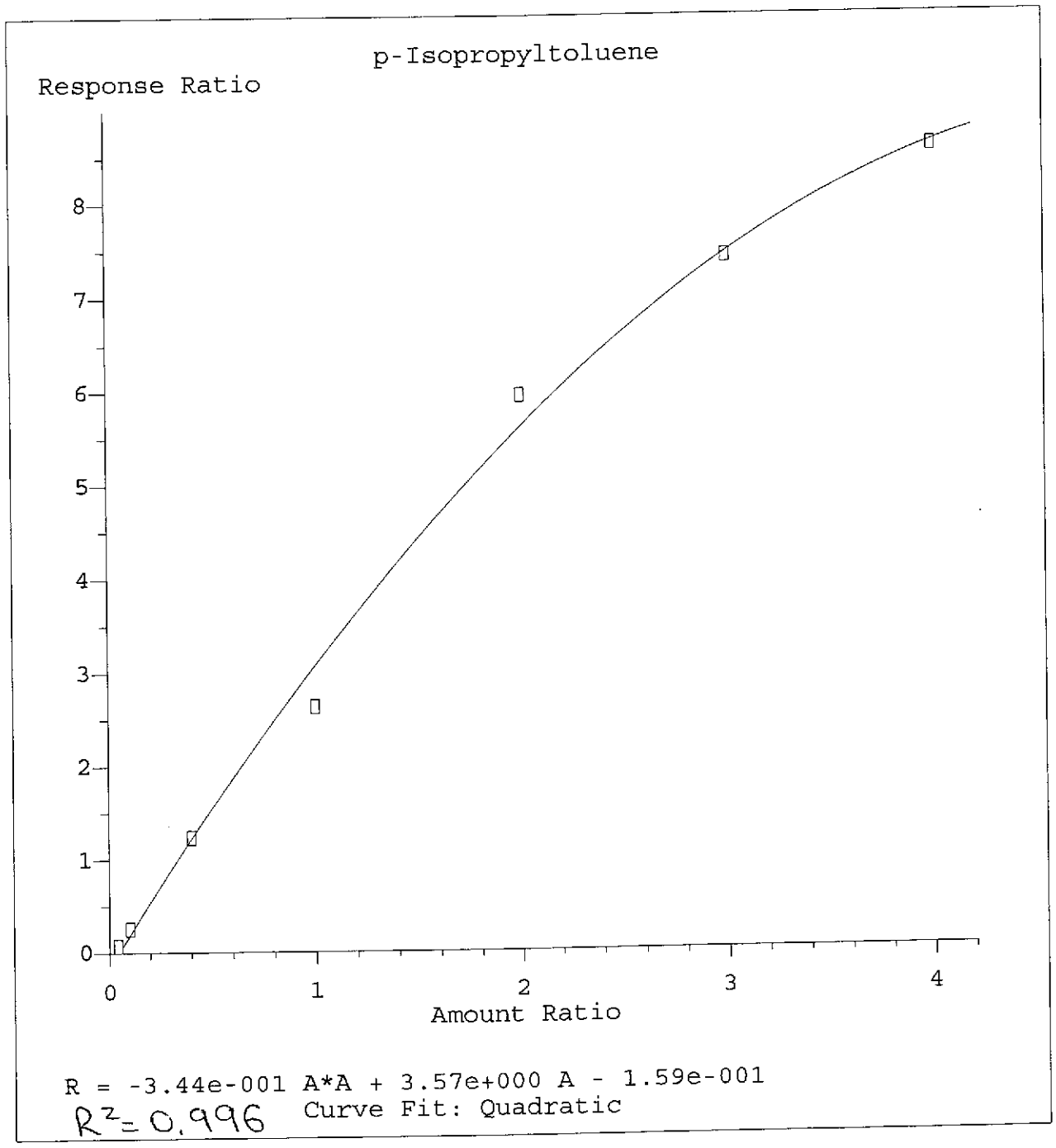
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:58:01 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:58:21 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:58:53 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:59:50 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 01JUN07

Initial Calibration ID: 973

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration ICAL#973

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.337	0.320	0.263	0.322	0.341	0.340	0.323	8.58
3)	P	Chloromethane	0.360	0.325	0.303	0.369	0.387	0.381	0.355	8.51
4)	CP	Vinyl chloride	0.293	0.274	0.252	0.331	0.360	0.360	0.317	13.79
5)		Bromomethane	0.261	0.264	0.257	0.254	0.253	0.246	0.256	2.28
6)		Chloroethane	0.258	0.213	0.195	0.234	0.242	0.234	0.228	8.91
7)		Trichlorofluorometh	0.408	0.405	0.394	0.484	0.496	0.484	0.450	10.10
8)		Acetone	0.036	0.031	0.029	0.036	0.037	0.037	0.034	9.30
9)		Acrolein	0.016	0.018	0.019	0.025	0.027	0.026	0.022	20.58
10)	CPM	1,1-Dichloroethene	0.149	0.162	0.154	0.188	0.199	0.197	0.179	12.99
11)		Methyl iodide	0.098	0.098	0.127	0.185	0.236	0.249	0.182	41.91
12)		1,1,2-Trichloro-1,2	0.192	0.187	0.173	0.216	0.219	0.213	0.203	9.02
13)		Methyl acetate	0.111	0.086	0.074	0.080	0.089	0.089	0.087	13.48
14)		Acrylonitrile	0.026	0.030	0.038	0.047	0.052	0.050	0.042	25.16
15)		Methylene chloride	0.396	0.363	0.253	0.250	0.262	0.253	0.290	21.45
16)		Carbon disulfide	0.636	0.644	0.589	0.716	0.756	0.737	0.687	9.16
17)		trans-1,2-Dichloroe	0.213	0.200	0.176	0.215	0.239	0.235	0.217	10.73
18)		Methyl tert-Butyl e	0.350	0.344	0.345	0.420	0.476	0.474	0.414	16.20
19)	P	1,1-Dichloroethane	0.355	0.338	0.327	0.414	0.443	0.427	0.387	11.98
20)		Vinyl acetate	0.123	0.098	0.153	0.211	0.251	0.249	0.189	33.76
21)		2-Butanone	0.039	0.040	0.041	0.051	0.057	0.055	0.048	15.96
22)		cis-1,2-Dichloroeth	0.216	0.204	0.200	0.251	0.275	0.270	0.242	13.95
23)		Bromochloromethane	0.089	0.097	0.094	0.109	0.115	0.112	0.105	11.08
24)	CP	Chloroform	0.353	0.327	0.334	0.399	0.428	0.415	0.380	10.84
25)		2,2-Dichloropropane	0.196	0.186	0.186	0.229	0.265	0.272	0.233	19.38
26)		Cyclohexane	0.229	0.222	0.248	0.399	0.422	0.410	0.331	28.00
27)	S	Dibromofluoromethan	0.201	0.177	0.169	0.201	0.212	0.207	0.197	9.01
28)	S	1,2-Dichloroethane-	0.206	0.182	0.181	0.213	0.222	0.215	0.202	7.99 *
29)		1,2-Dichloroethane	0.204	0.200	0.198	0.250	0.269	0.258	0.231	12.98
30)		1,1,1-Trichloroetha	0.249	0.234	0.238	0.294	0.333	0.338	0.290	17.07
31)		1,1-Dichloropropene	0.223	0.216	0.226	0.315	0.342	0.331	0.282	20.34
32)		Carbon tetrachlorid	0.138	0.138	0.141	0.171	0.203	0.210	0.177	22.63
33)	M	Benzene	0.879	0.871	0.850	1.079	1.148	1.094	0.995	12.52
34)	M	Trichloroethene	0.239	0.233	0.214	0.255	0.272	0.268	0.253	10.34
35)		Dibromomethane	0.103	0.092	0.104	0.119	0.125	0.122	0.112	11.12
36)		Methylcyclohexane	0.273	0.268	0.268	0.386	0.414	0.398	0.344	20.34
37)	CP	1,2-Dichloropropane	0.214	0.197	0.193	0.235	0.259	0.250	0.227	11.26
38)		Bromodichloromethan	0.213	0.205	0.209	0.256	0.283	0.281	0.248	15.00
39)		2-Chloroethylvinyl	0.005	0.011	0.013	0.021	0.031	0.033	0.022	57.21
40)		4-Methyl-2-pentanon	0.058	0.075	0.078	0.111	0.128	0.128	0.099	28.79
41)		cis-1,3-Dichloropro	0.185	0.199	0.214	0.285	0.346	0.352	0.278	28.12
42)	S	Toluene-d8	0.603	0.636	0.628	0.820	0.877	0.850	0.753	16.46
43)	CPM	Toluene	0.422	0.439	0.466	0.622	0.674	0.649	0.562	20.17

OK (AM) 6-7-07 * changed from Average Response factors to Linear Regression

(#) = Out of Range ### Number of calibration levels exceeded format #

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.124	0.136	0.164	0.213	0.262	0.274	0.209	32.64
45)		1,1,2-Trichloroetha	0.121	0.128	0.123	0.151	0.167	0.156	0.144	13.22
46)		2-Hexanone	0.035	0.036	0.047	0.071	0.086	0.087	0.063	36.87
47)		1,2-Dibromoethane	0.132	0.117	0.119	0.151	0.170	0.166	0.147	16.78
48)	I	Chlorobenzene-d5	----------	ISTD	----------					
49)		1,3-Dichloropropane	0.751	0.729	0.730	0.863	0.954	0.903	0.834	11.43
50)		Dibromochloromethan	0.291	0.339	0.297	0.385	0.477	0.481	0.404	25.38
51)		Tetrachloroethene	0.563	0.542	0.564	0.610	0.639	0.628	0.609	9.77
52)		1-Chlorohexane	0.447	0.481	0.426	0.708	0.818	0.808	0.652	29.85
53)		1,1,1,2-Tetrachloro	0.399	0.389	0.288	0.429	0.522	0.519	0.450	23.36
54)	PM	Chlorobenzene	1.753	1.691	1.441	1.709	1.861	1.780	1.736	8.83
55)	CP	Ethylbenzene	2.543	2.297	2.269	2.902	3.184	2.995	2.749	13.63
56)		(m+p)-Xylene	0.672	0.690	0.711	0.993	1.097	1.057	0.909	22.97
57)		o-Xylene	0.630	0.558	0.622	0.914	1.055	1.026	0.847	28.04
58)		Styrene	0.761	0.878	0.913	1.478	1.758	1.719	1.339	35.34
59)	P	Bromoform	0.143	0.128	0.129	0.176	0.229	0.232	0.188	31.70
60)	S	Bromofluorobenzene	1.270	0.522	0.453	0.646	0.723	0.710	0.726	36.44
61)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
62)		trans-1,4-Dichloro-	0.334	0.325	0.409	0.496	0.525	0.509	0.441	19.16
63)	P	1,1,2,2-Tetrachloro	0.777	0.774	0.812	0.885	0.917	0.850	0.832	6.52
64)		Isopropylbenzene	2.318	2.318	2.659	3.812	4.060	3.856	3.255	24.10
65)		1,2,3-Trichloroprop	0.723	0.745	0.589	0.713	0.711	0.672	0.682	8.45
66)		Bromobenzene	0.734	0.701	0.745	0.890	0.947	0.922	0.844	13.46
67)		n-Propylbenzene	2.531	2.600	3.029	4.419	4.676	4.430	3.695	25.33
68)		2-Chlorotoluene	1.875	1.826	2.210	2.851	3.019	2.907	2.498	20.50
69)		4-Chlorotoluene	1.634	1.589	1.957	2.535	2.680	2.575	2.207	21.19
70)		1,3,5-Trimethylbenz	1.633	1.611	1.998	2.871	3.004	2.852	2.402	26.11
71)		tert-Butylbenzene	1.336	1.422	1.525	2.344	2.520	2.430	2.006	27.23
72)		1,2,4-Trimethylbenz	1.498	1.525	1.988	2.740	2.854	2.715	2.291	26.36
73)		sec-Butylbenzene	2.058	1.967	2.563	3.608	3.832	3.638	3.032	26.66
74)		1,3-Dichlorobenzene	1.296	1.262	1.302	1.571	1.644	1.613	1.476	12.18
75)		p-Isopropyltoluene	1.444	1.457	1.735	2.671	2.882	2.763	2.255	29.88
76)		1,4-Dichlorobenzene	1.409	1.404	1.336	1.534	1.622	1.571	1.501	7.80
77)		n-Butylbenzene	1.731	1.575	1.611	2.257	2.412	2.283	2.024	18.08
78)		1,2-Dichlorobenzene	1.186	1.194	1.207	1.455	1.576	1.524	1.388	13.31
79)		1,2-Dibromo-3-chlor	0.018	0.085	0.063	0.083	0.099	0.102	0.079	38.15
80)		1,2,4-Trichlorobenz	0.633	0.583	0.601	0.756	0.843	0.824	0.735	17.47
81)		Hexachlorobutadiene	0.302	0.239	0.248	0.298	0.327	0.309	0.294	12.41
82)		Naphthalene	1.142	1.070	1.016	1.619	1.801	1.727	1.445	24.33
83)		1,2,3-Trichlorobenz	0.551	0.632	0.558	0.722	0.778	0.753	0.689	15.91

(#) = Out of Range ### Number of calibration levels exceeded format ##

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.337		
3)	P	Chloromethane	0.357		
4)	CP	Vinyl chloride	0.347		
5)		Bromomethane	0.254		
6)		Chloroethane	0.223		
7)		Trichlorofluorometh	0.483		
8)		Acetone	0.032		
9)		Acrolein	0.023		
10)	CPM	1,1-Dichloroethene	0.203		
11)		Methyl iodide	0.284		
12)		1,1,2-Trichloro-1,2	0.218		
13)		Methyl acetate	0.081		
14)		Acrylonitrile	0.047		
15)		Methylene chloride	0.251		
16)		Carbon disulfide	0.728		
17)		trans-1,2-Dichloroe	0.239		
18)		Methyl tert-Butyl e	0.490		
19)	P	1,1-Dichloroethane	0.407		
20)		Vinyl acetate	0.238		
21)		2-Butanone	0.051		
22)		cis-1,2-Dichloroeth	0.275		
23)		Bromochloromethane	0.119		
24)	CP	Chloroform	0.405		
25)		2,2-Dichloropropane	0.296		
26)		Cyclohexane	0.388		
27)	S	Dibromofluoromethan	0.216		
28)	S	1,2-Dichloroethane-	0.198		
29)		1,2-Dichloroethane	0.236		
30)		1,1,1-Trichloroetha	0.345		
31)		1,1-Dichloropropene	0.324		
32)		Carbon tetrachlorid	0.235		
33)	M	Benzene	1.048		
34)	M	Trichloroethene	0.290		
35)		Dibromomethane	0.121		
36)		Methylcyclohexane	0.401		
37)	CP	1,2-Dichloropropane	0.239		
38)		Bromodichloromethan	0.285		
39)		2-Chloroethylvinyl	0.037		
40)		4-Methyl-2-pentanon	0.116		
41)		cis-1,3-Dichloropro	0.365		
42)	S	Toluene-d8	0.859		
43)	CPM	Toluene	0.659		

(#) = Out of Range ### Number of calibration levels exceeded format ##

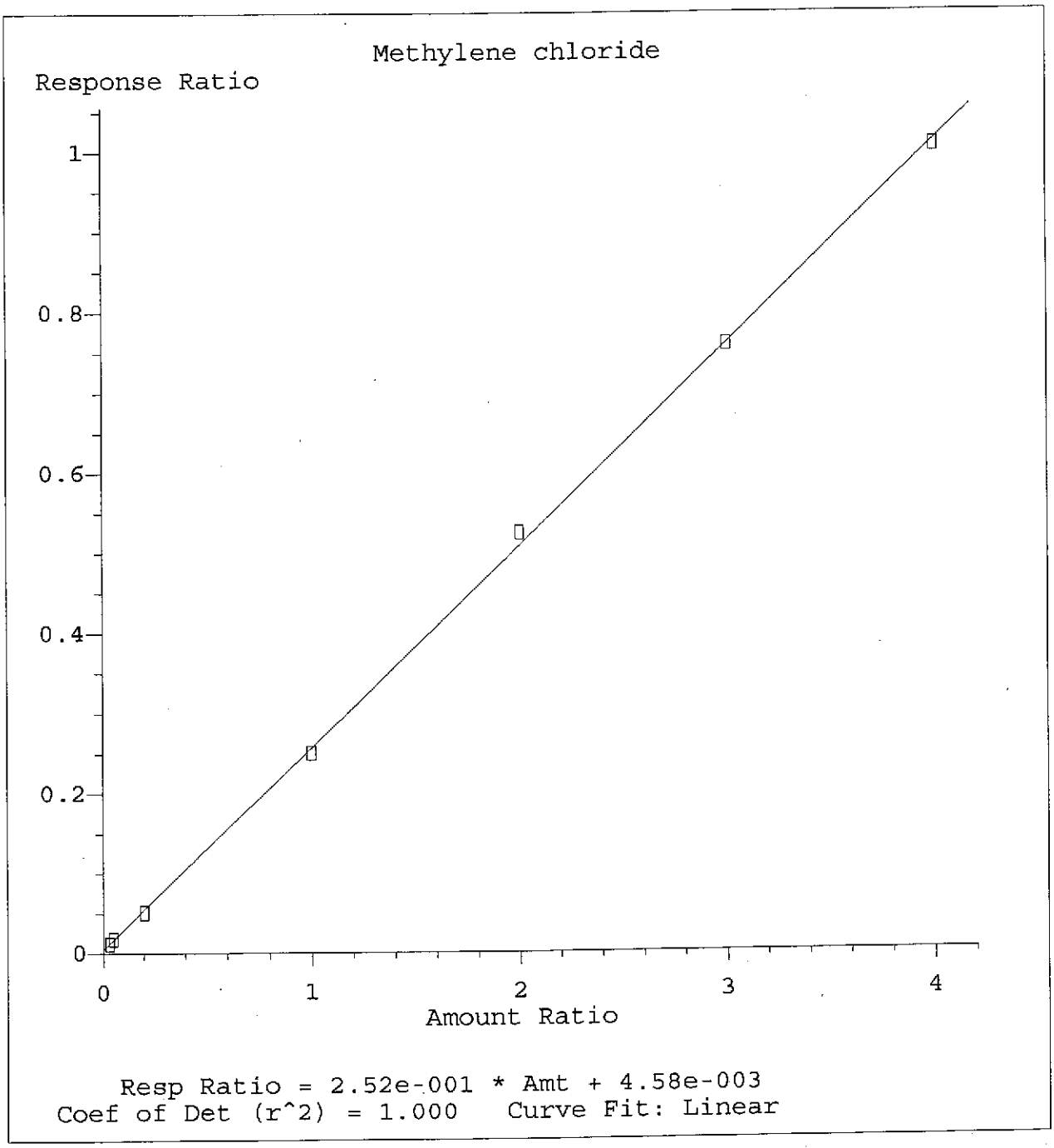
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

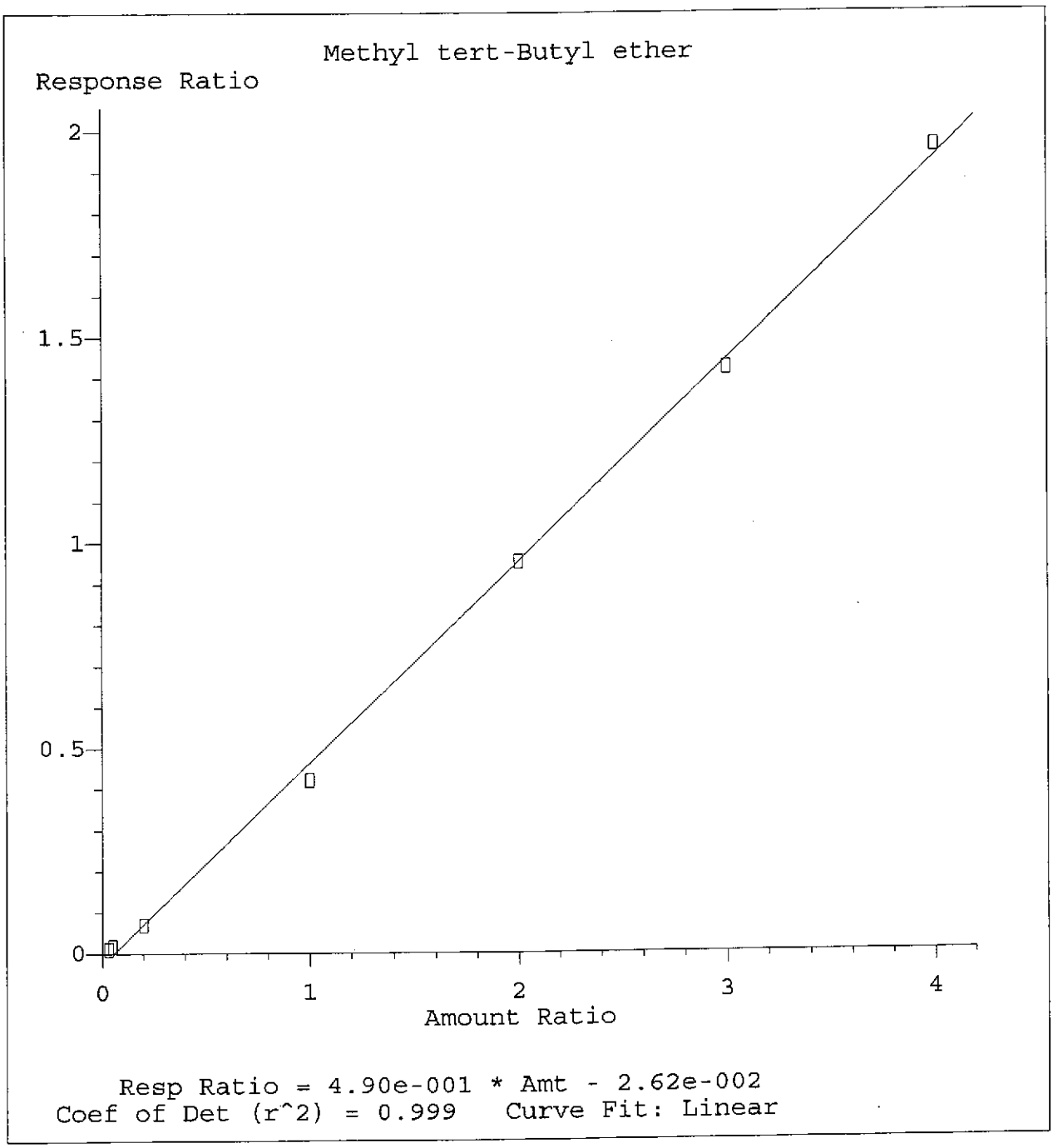
Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.288		
45)		1,1,2-Trichloroetha	0.158		
46)		2-Hexanone	0.080		
47)		1,2-Dibromoethane	0.176		
48)	I	Chlorobenzene-d5	----------ISTD-----		
49)		1,3-Dichloropropane	0.910		
50)		Dibromochloromethan	0.555		
51)		Tetrachloroethene	0.716		
52)		1-Chlorohexane	0.875		
53)		1,1,1,2-Tetrachloro	0.603		
54)	PM	Chlorobenzene	1.918		
55)	CP	Ethylbenzene	3.052		
56)		(m+p)-Xylene	1.142		
57)		o-Xylene	1.125		
58)		Styrene	1.865		
59)	P	Bromoform	0.280		
60)	S	Bromofluorobenzene	0.755		
61)	I	1,4-Dichlorobenzene-d	----------ISTD-----		
62)		trans-1,4-Dichloro-	0.489		
63)	P	1,1,2,2-Tetrachloro	0.808		
64)		Isopropylbenzene	3.766		
65)		1,2,3-Trichloroprop	0.621		
66)		Bromobenzene	0.972		
67)		n-Propylbenzene	4.177		
68)		2-Chlorotoluene	2.795		
69)		4-Chlorotoluene	2.480		
70)		1,3,5-Trimethylbenz	2.841		
71)		tert-Butylbenzene	2.466		
72)		1,2,4-Trimethylbenz	2.716		
73)		sec-Butylbenzene	3.561		
74)		1,3-Dichlorobenzene	1.648		
75)		p-Isopropyltoluene	2.833		
76)		1,4-Dichlorobenzene	1.629		
77)		n-Butylbenzene	2.297		
78)		1,2-Dichlorobenzene	1.577		
79)		1,2-Dibromo-3-chlor	0.101		
80)		1,2,4-Trichlorobenz	0.901		
81)		Hexachlorobutadiene	0.332		
82)		Naphthalene	1.742		
83)		1,2,3-Trichlorobenz	0.828		

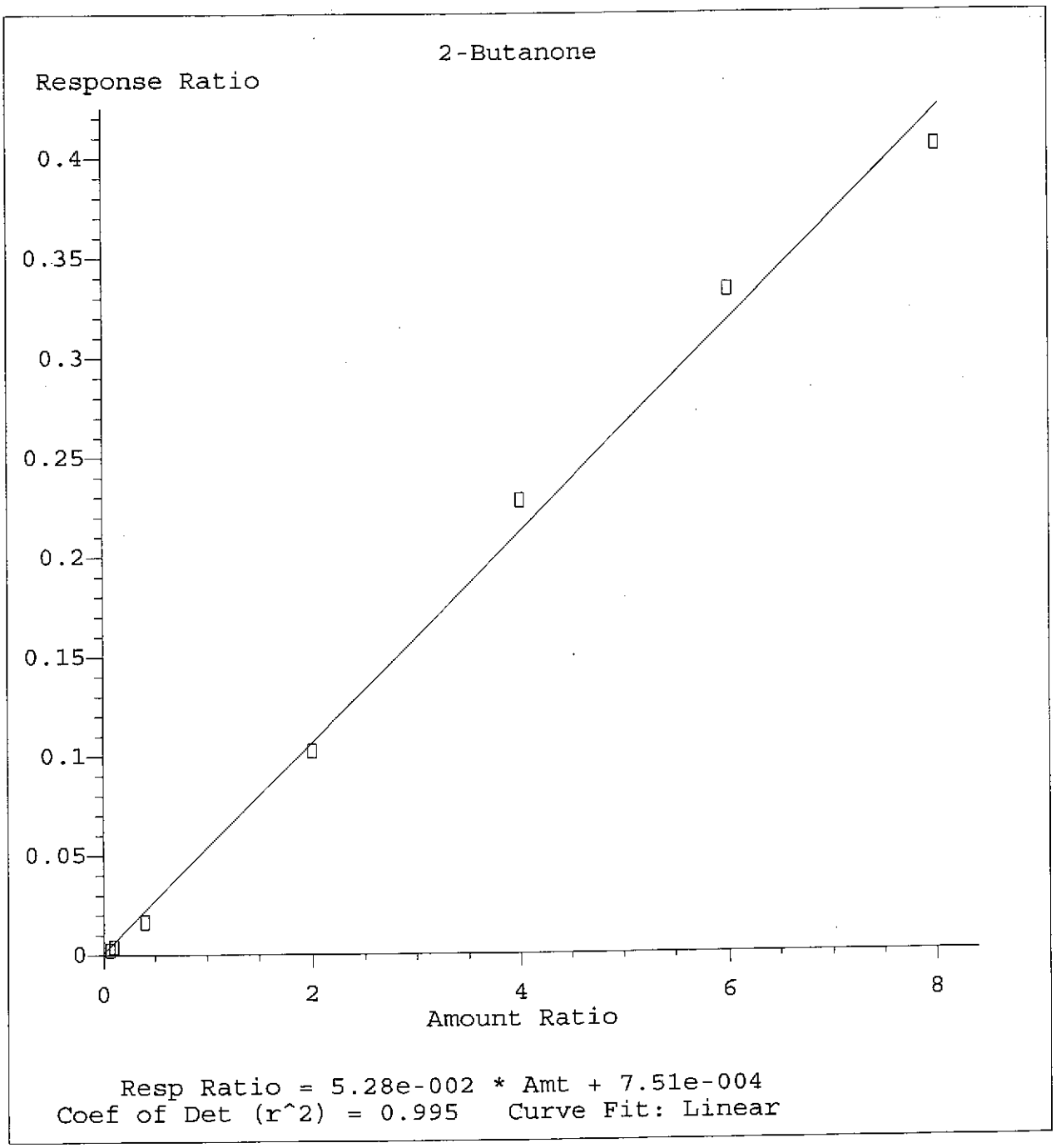
(#) = Out of Range ### Number of calibration levels exceeded format #!



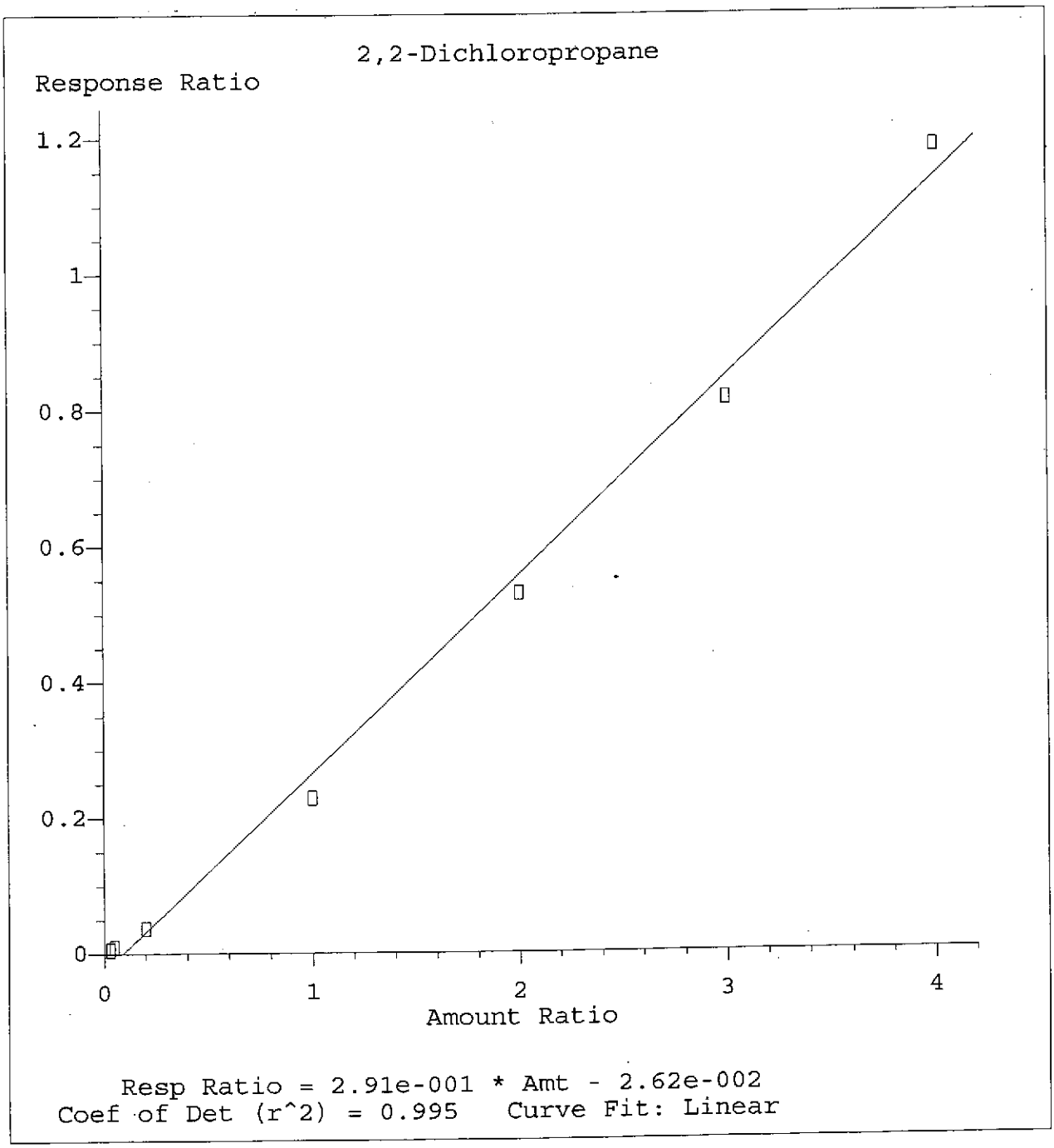
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:00:12 2007



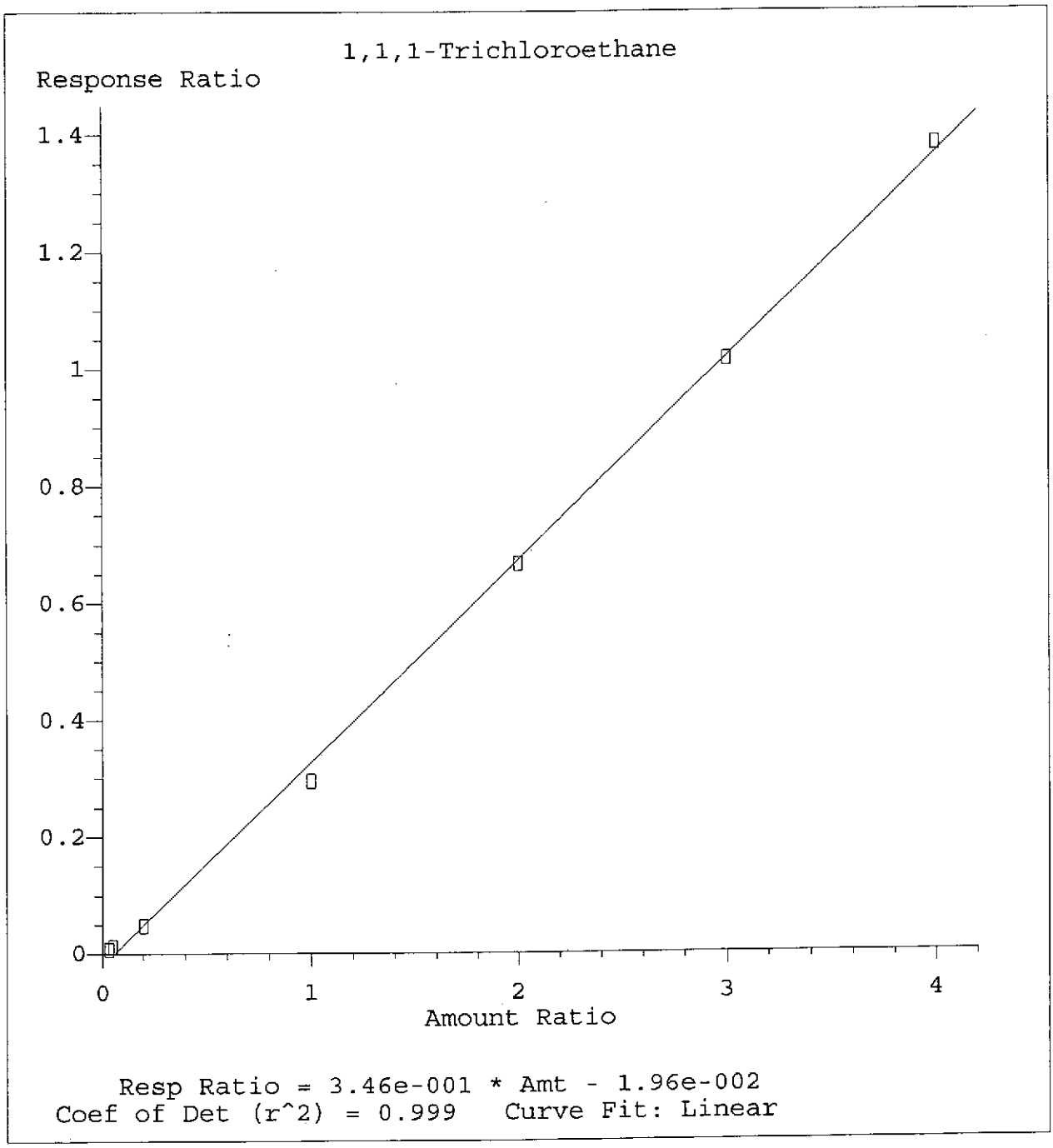
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Calibration Table Last Updated: Mon Jun 04 07:00:38 2007



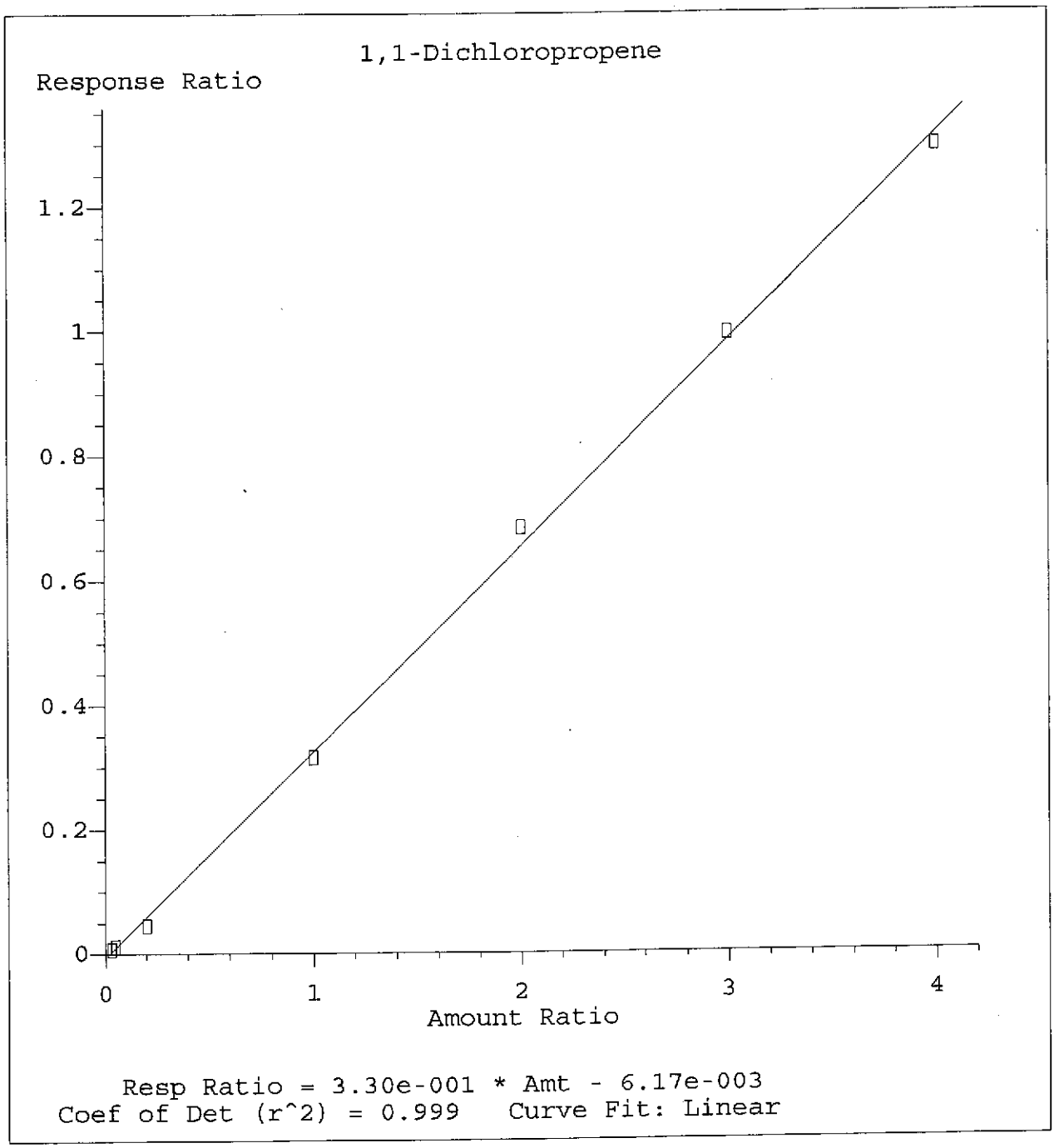
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:01:16 2007



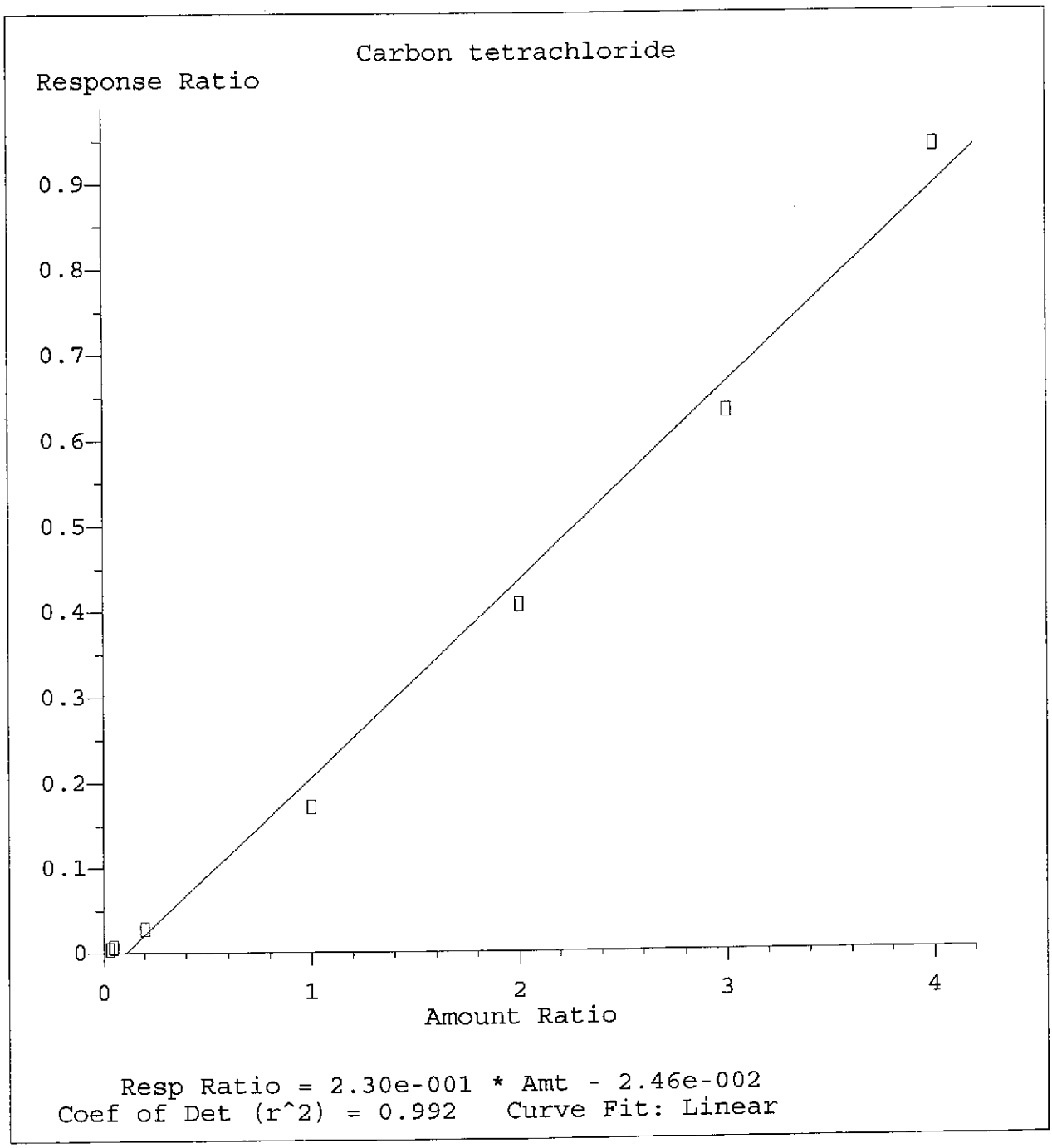
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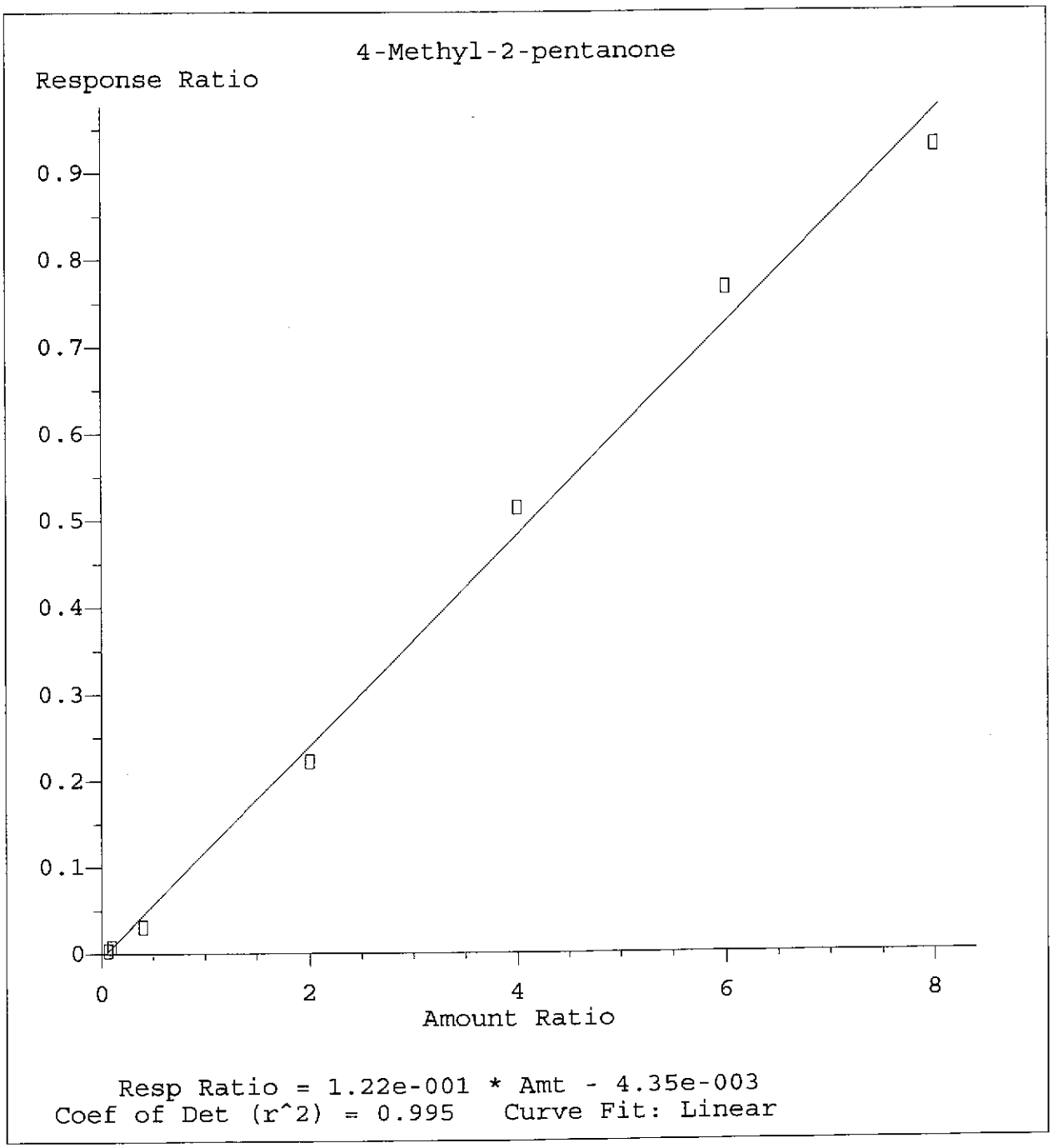
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Calibration Table Last Updated: Mon Jun 04 07:02:13 2007



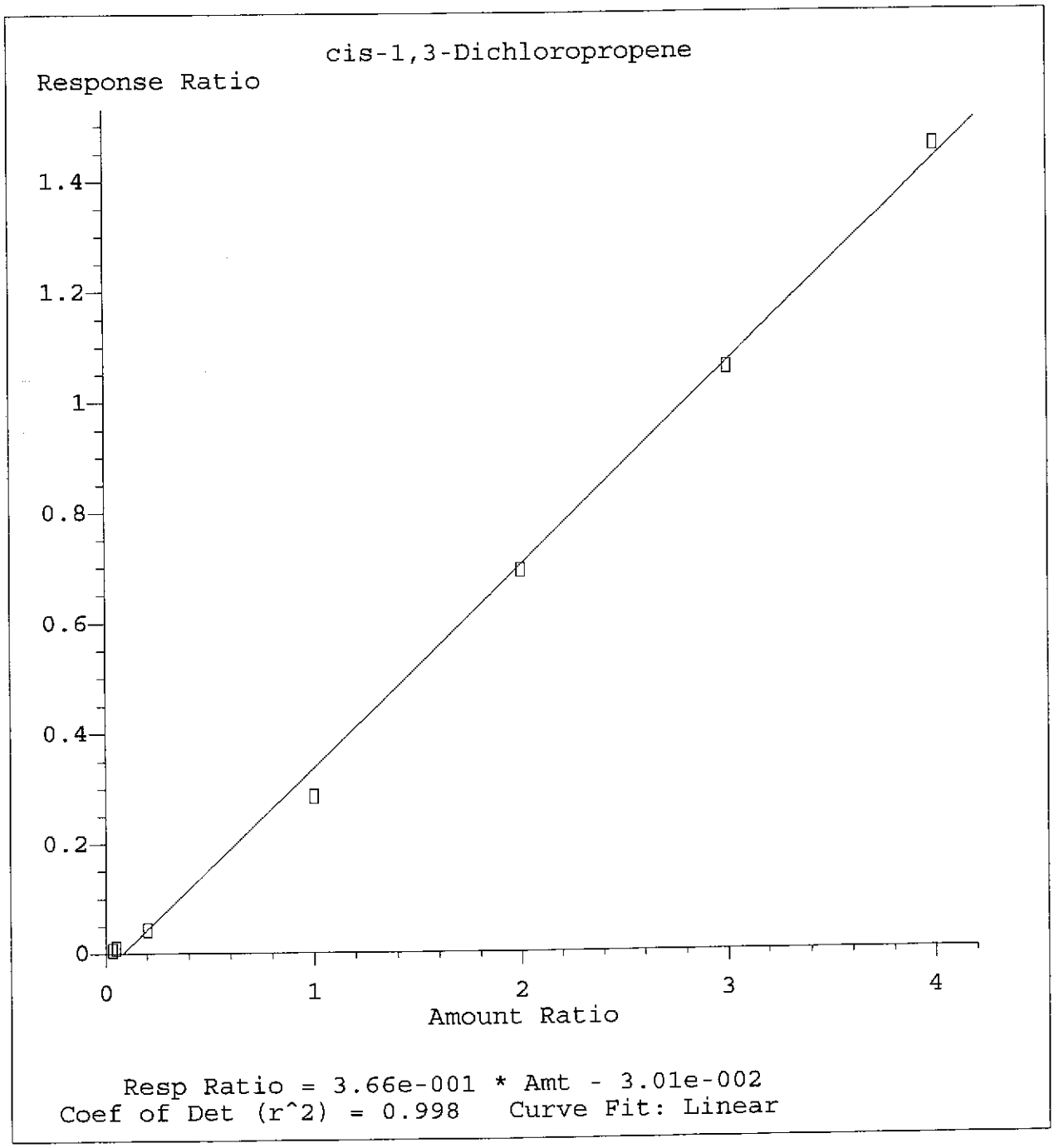
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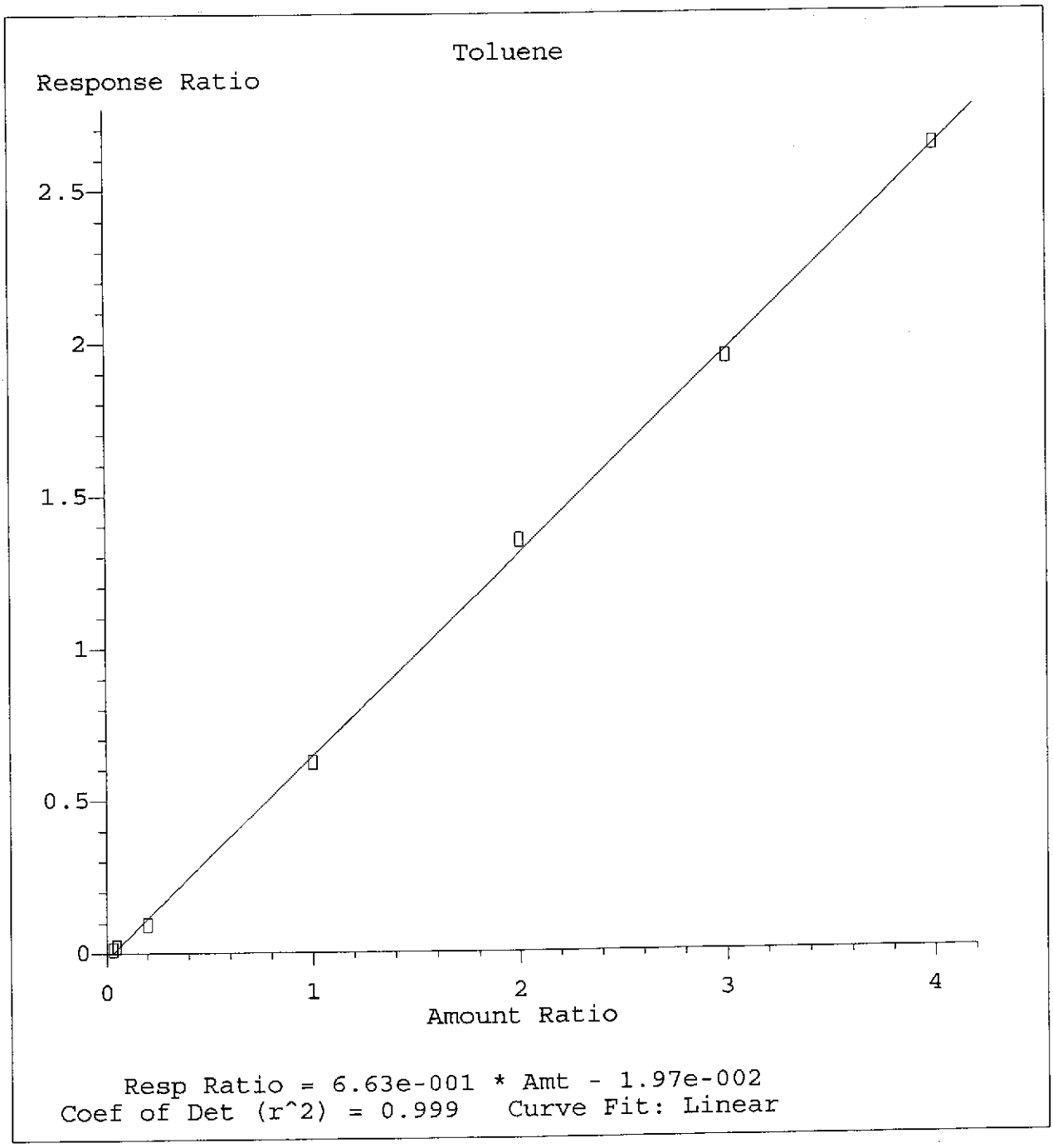
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Calibration Table Last Updated: Mon Jun 04 07:02:50 2007



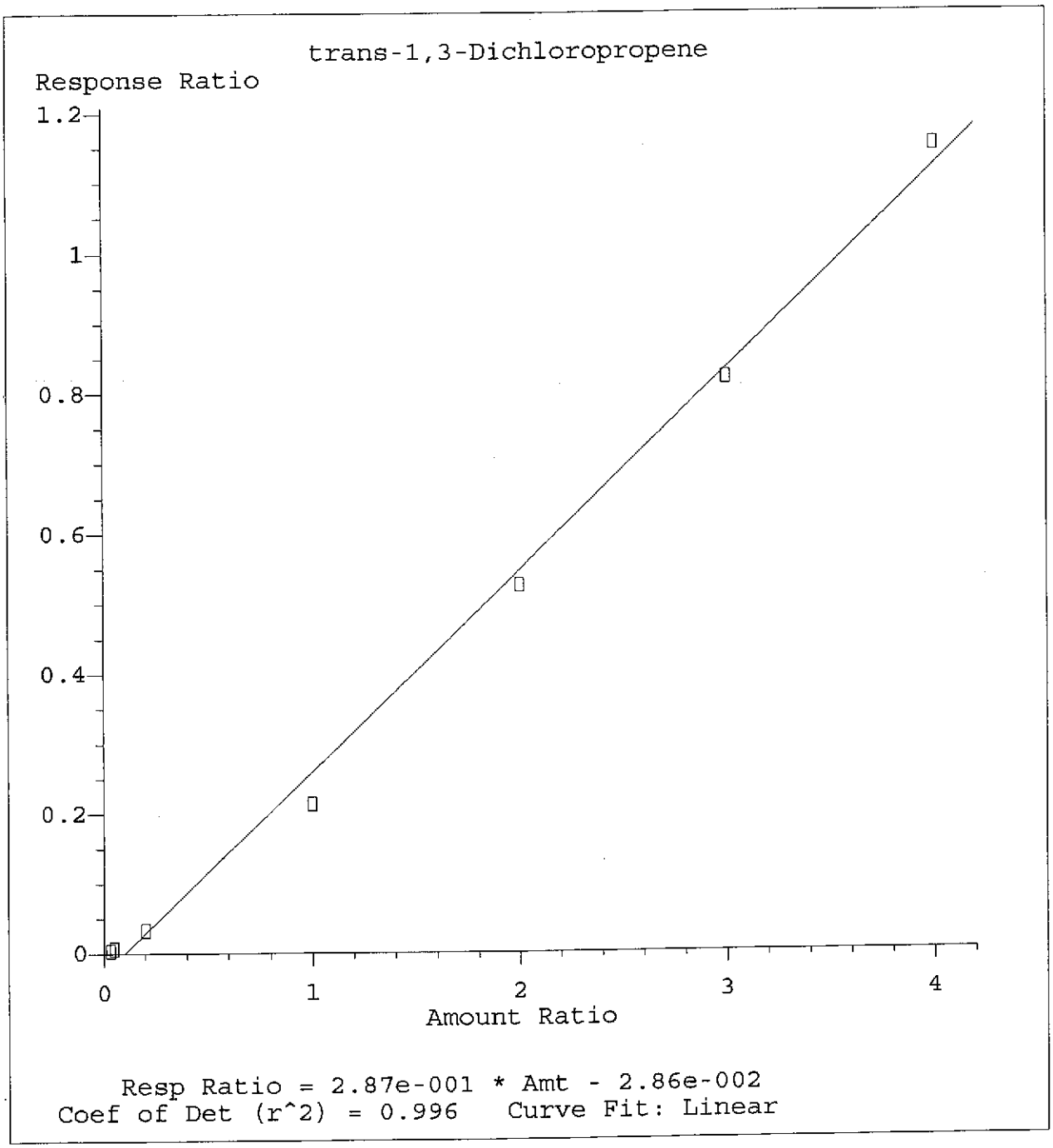
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:09:18 2007



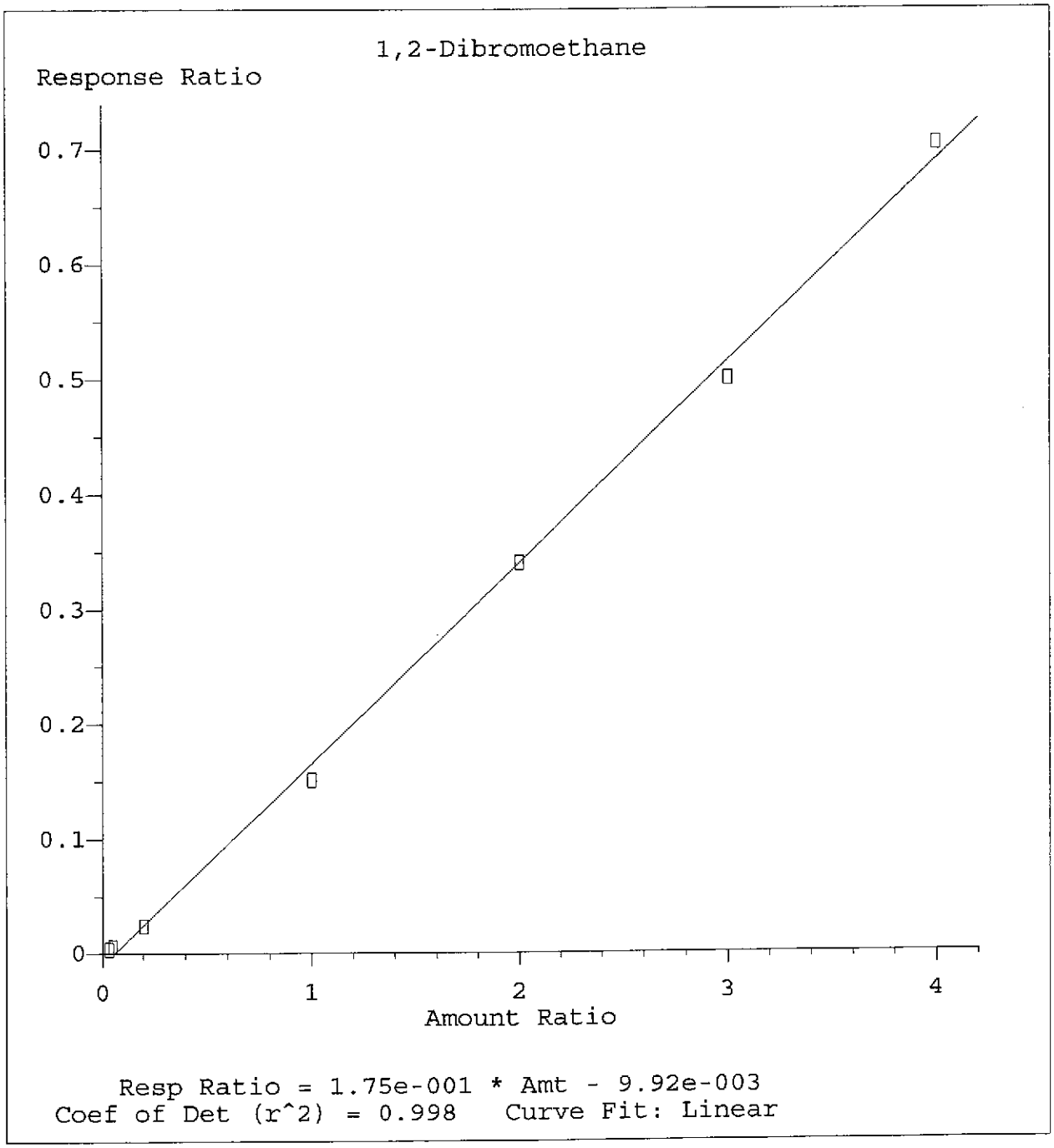
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Calibration Table Last Updated: Mon Jun 04 07:09:55 2007



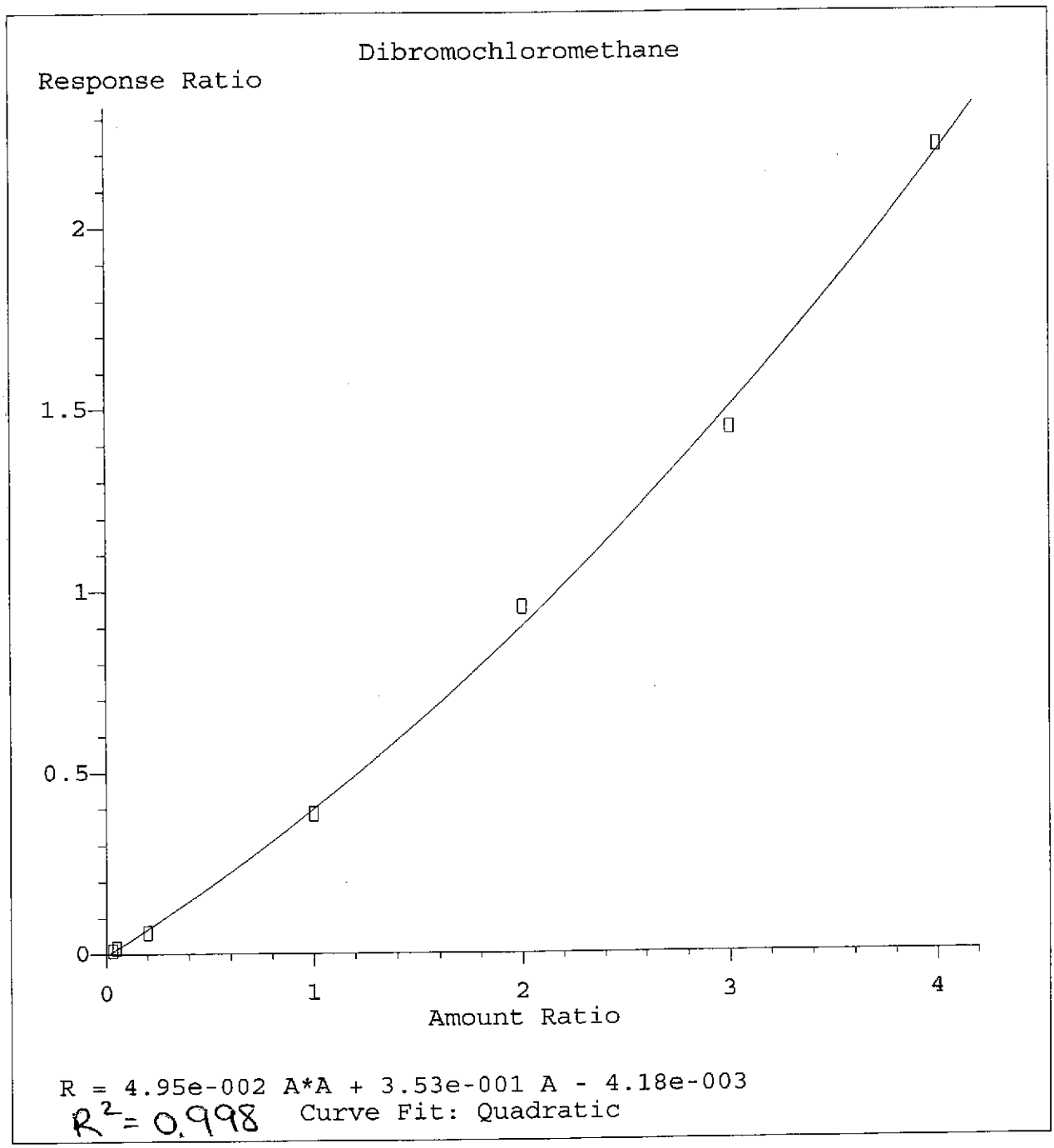
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Calibration Table Last Updated: Mon Jun 04 07:10:31 2007



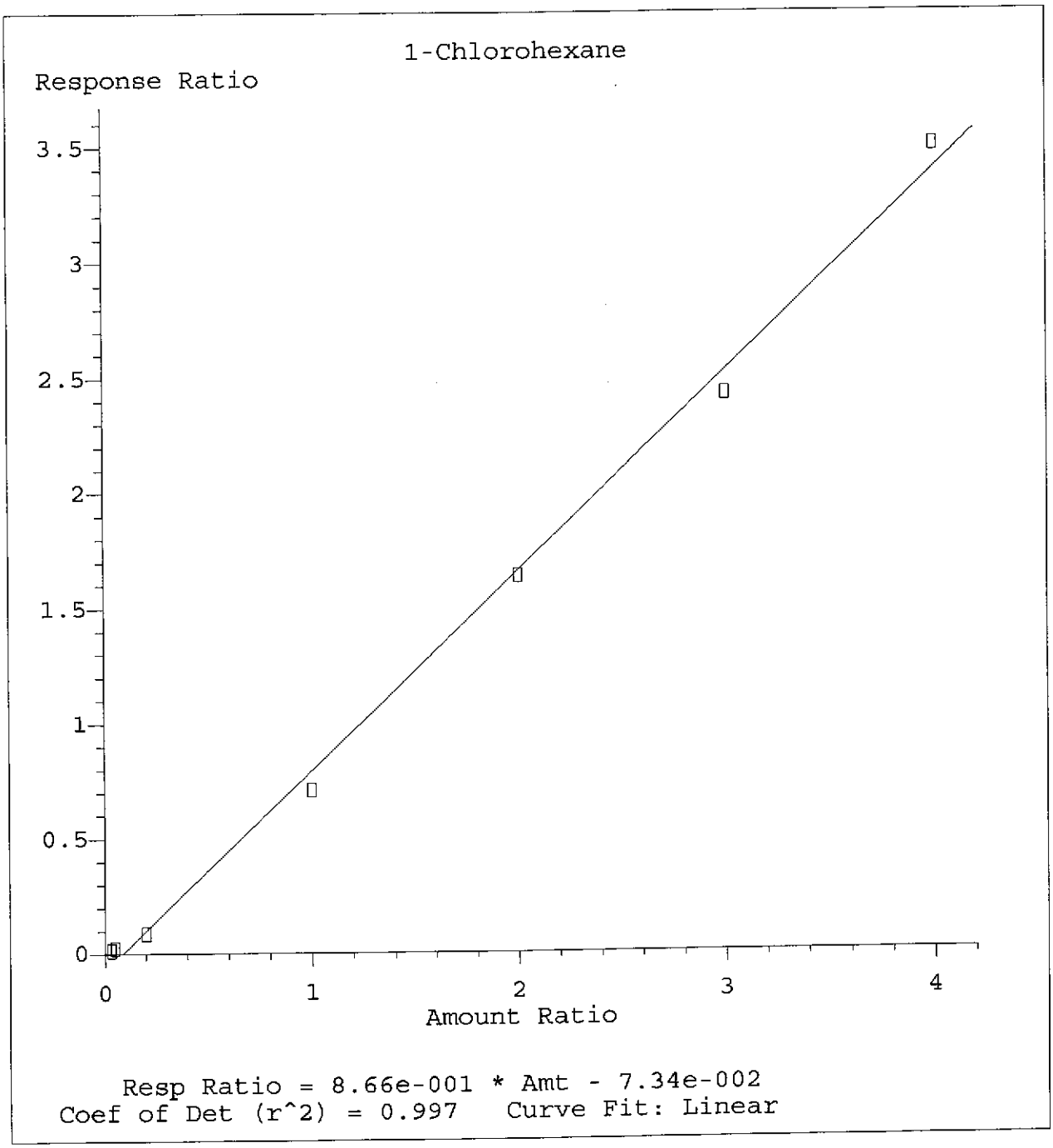
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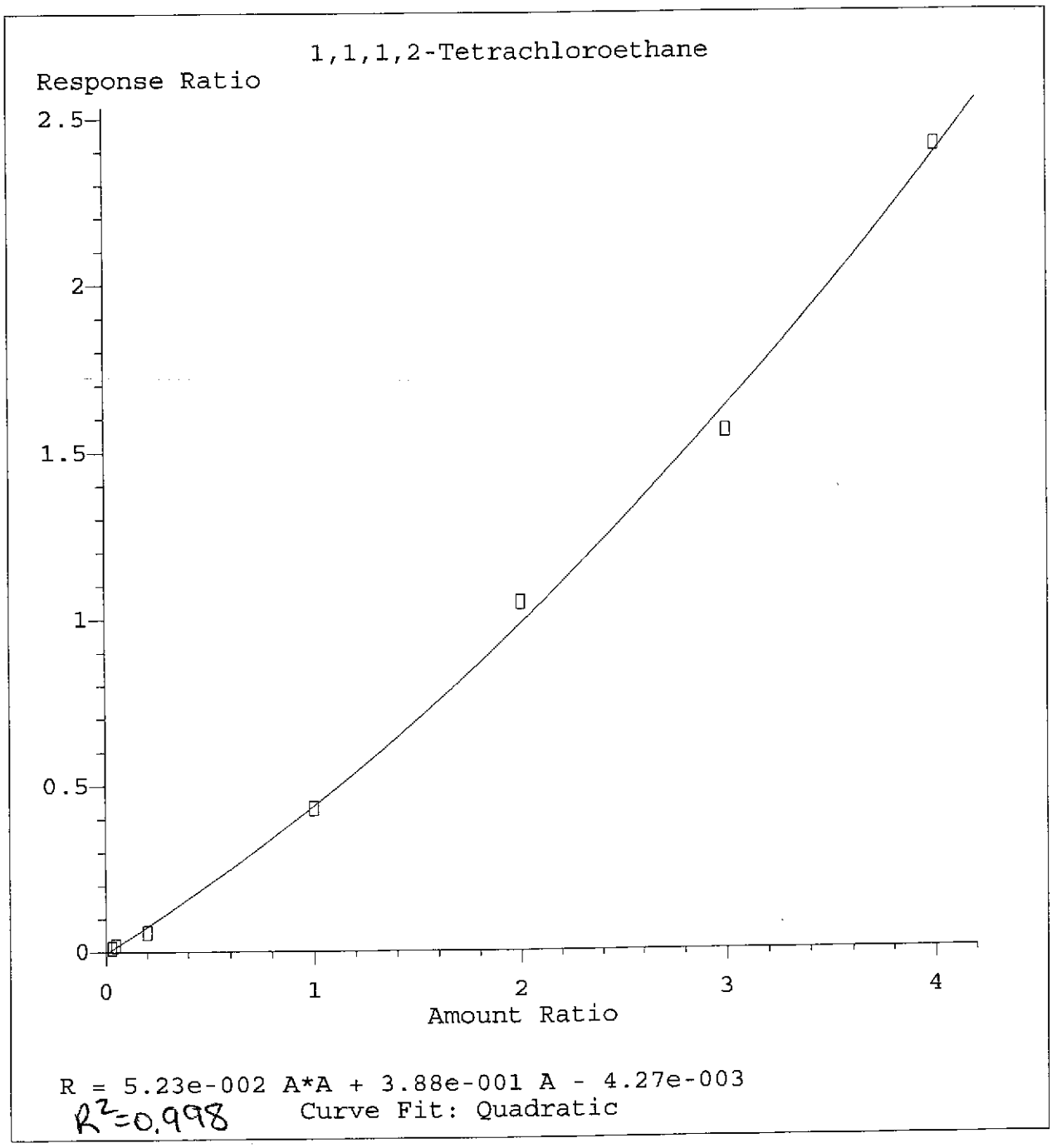
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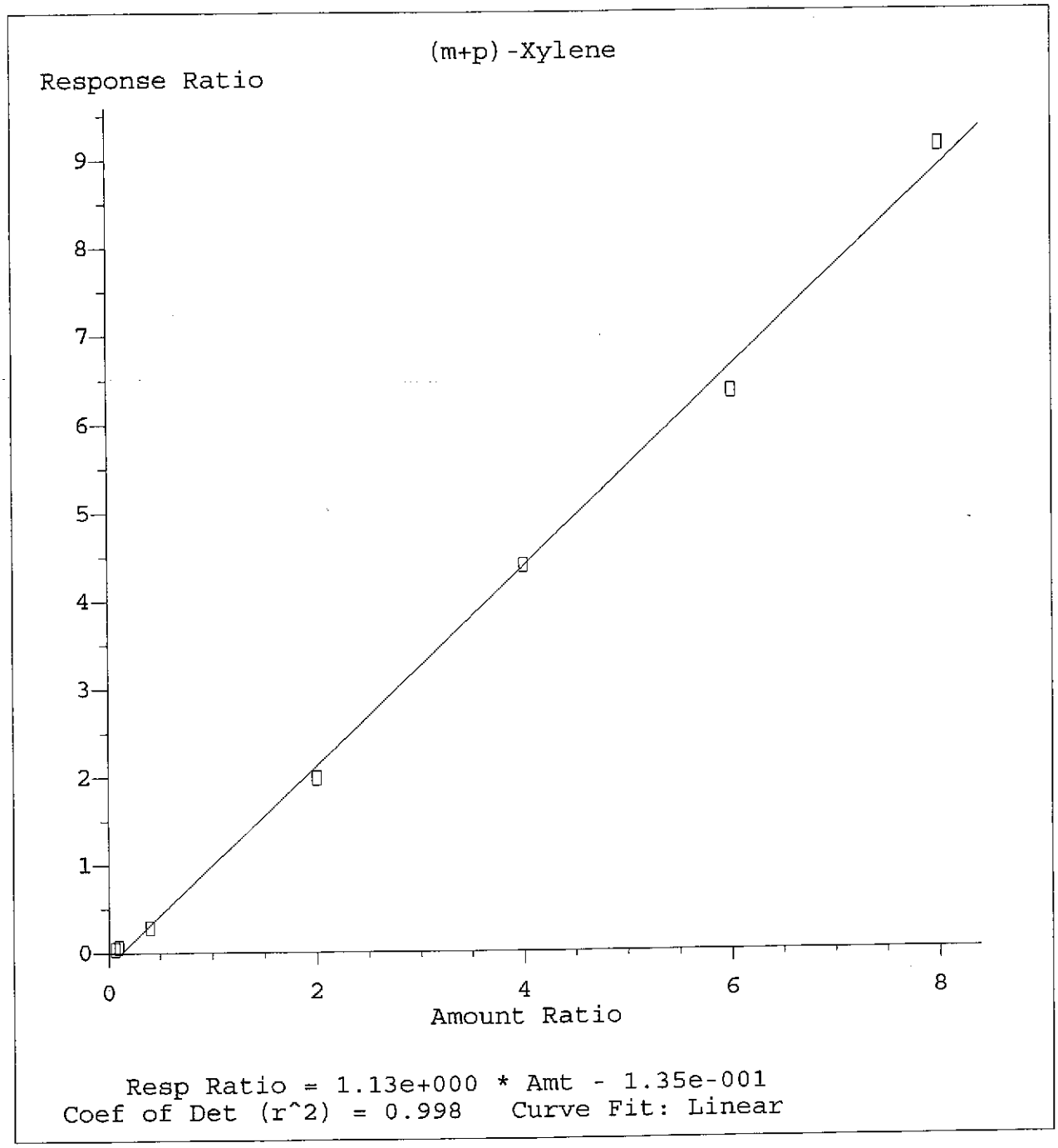
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Calibration Table Last Updated: Mon Jun 04 07:12:16 2007



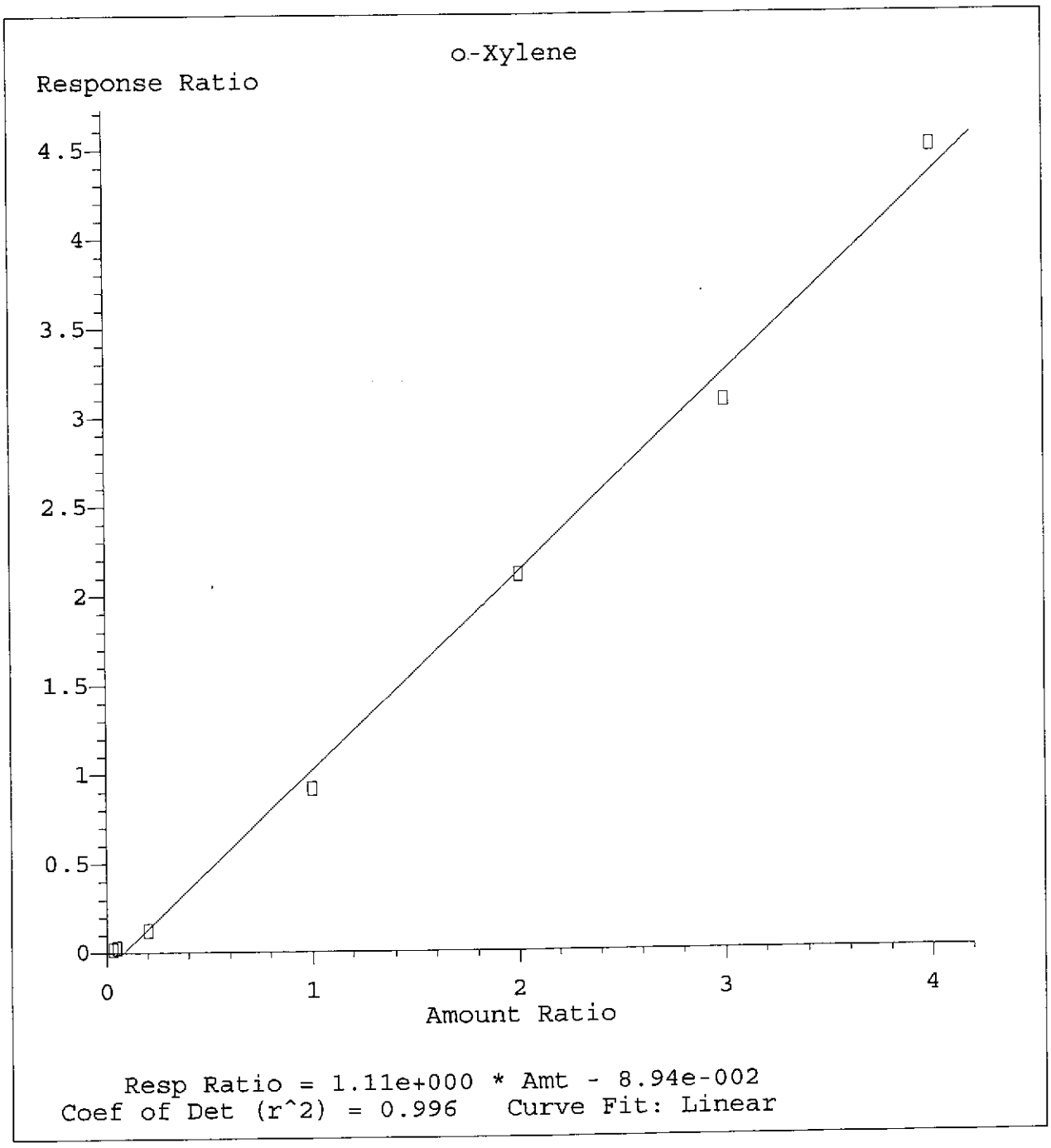
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Calibration Table Last Updated: Mon Jun 04 07:12:45 2007



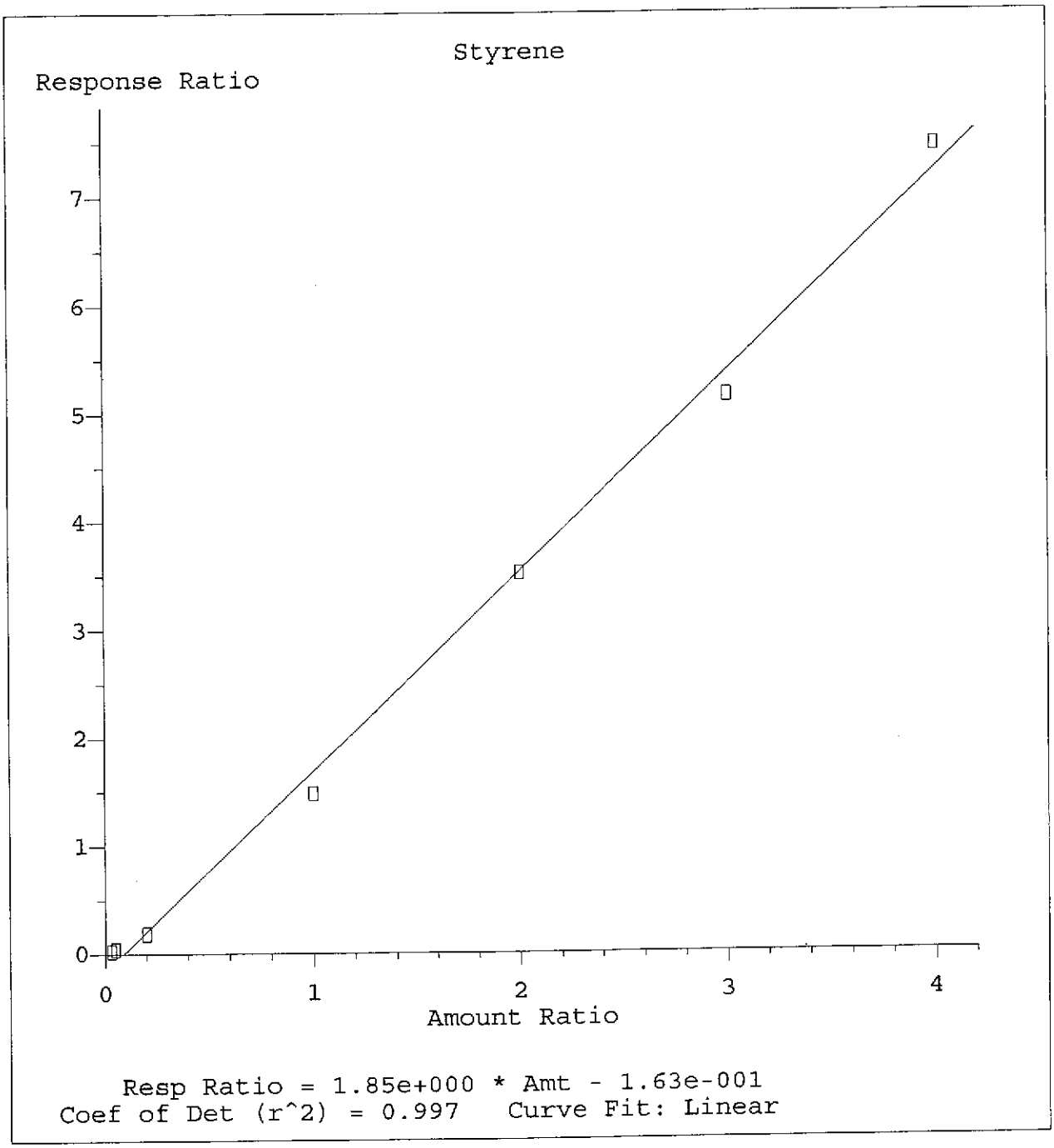
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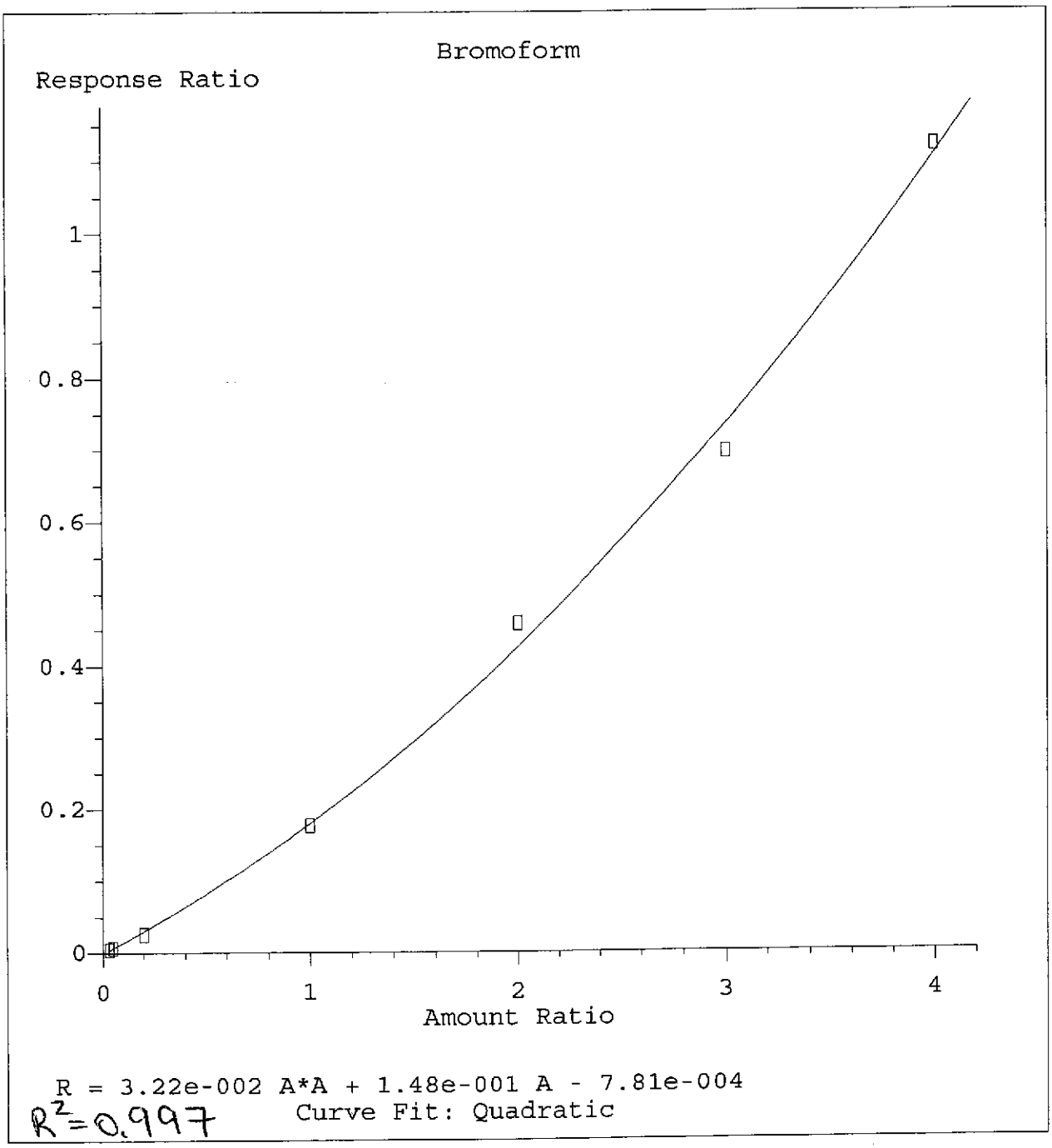
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Calibration Table Last Updated: Mon Jun 04 07:14:12 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:14:43 2007

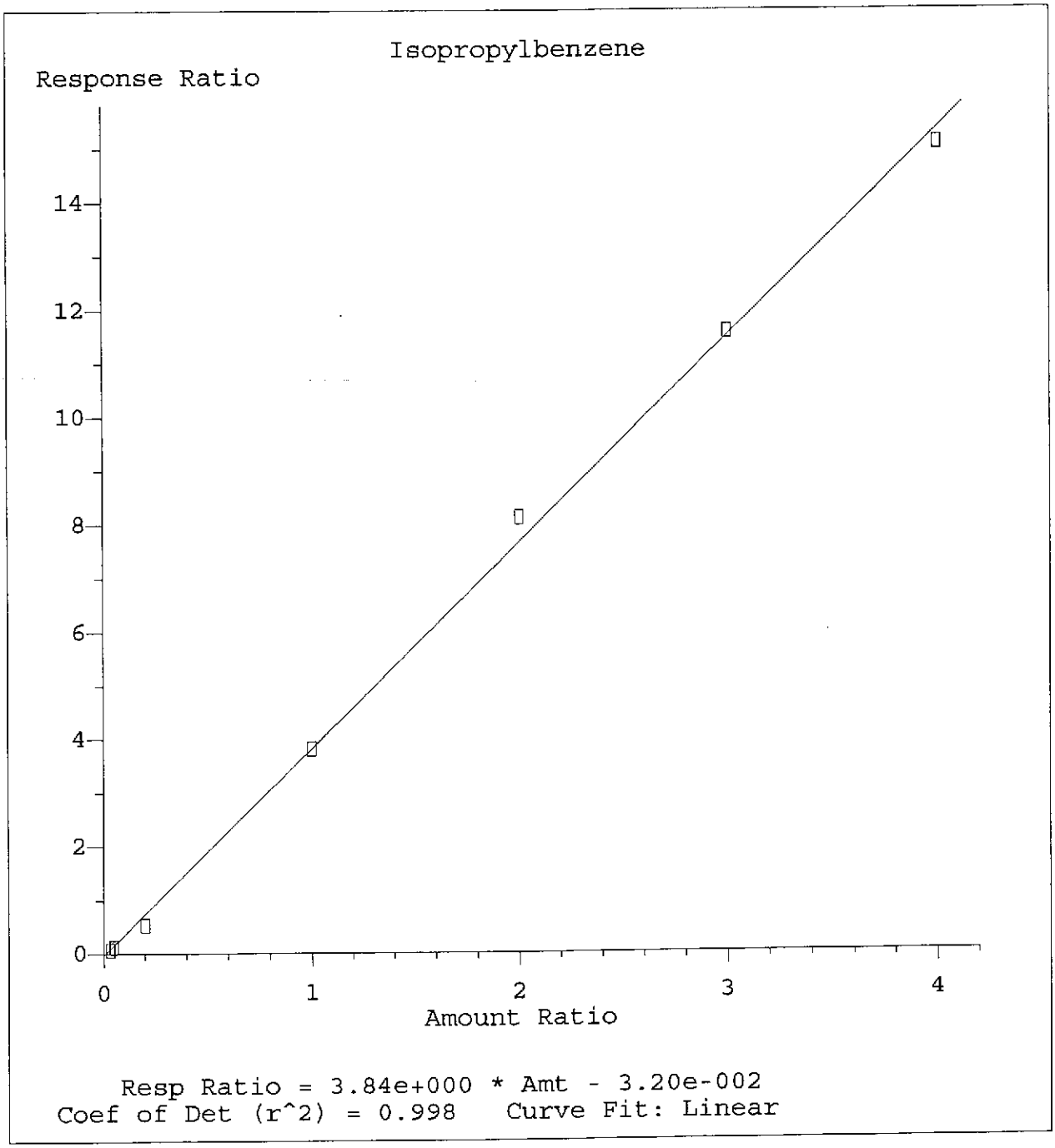


Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:15:01 2007

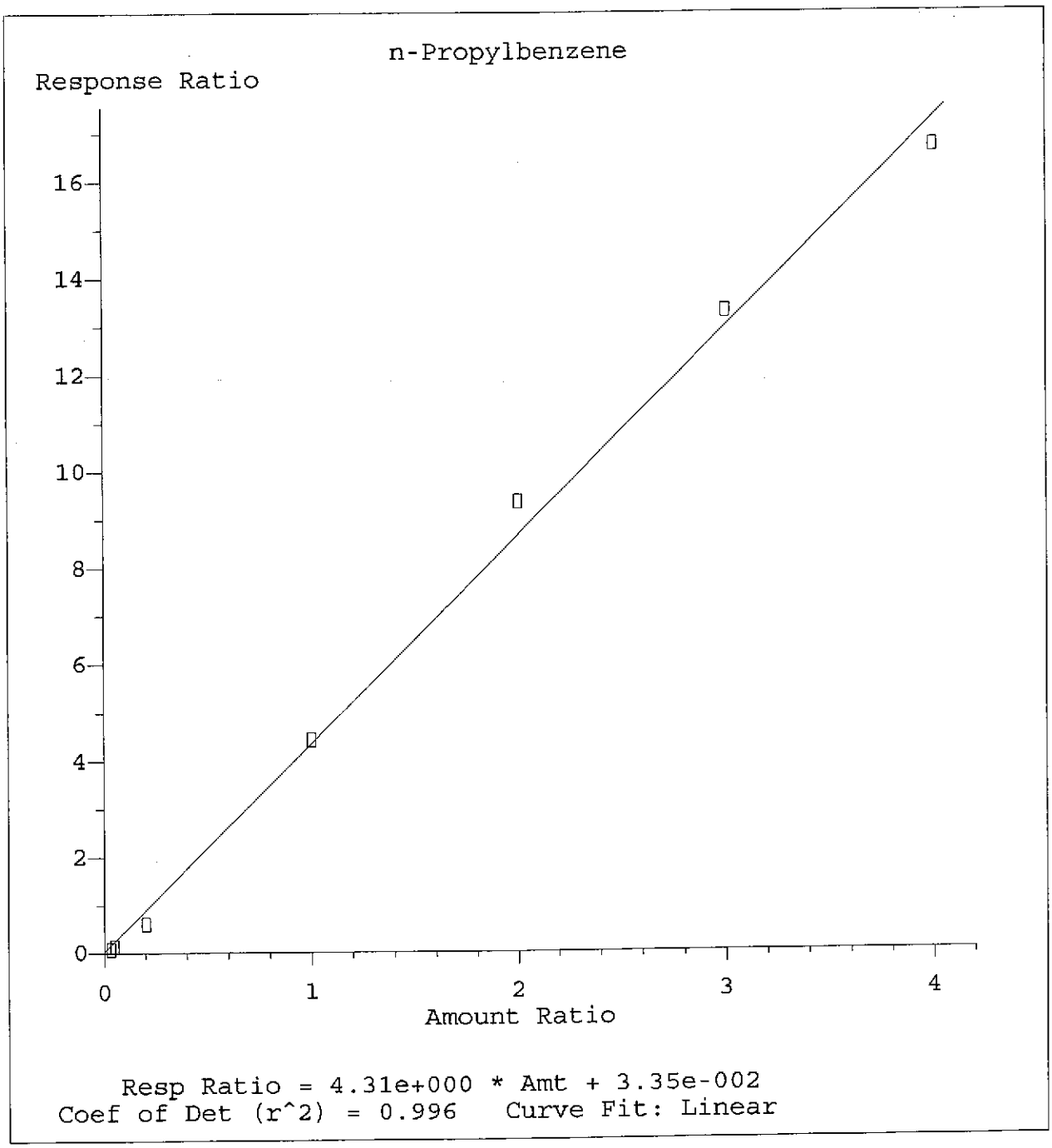


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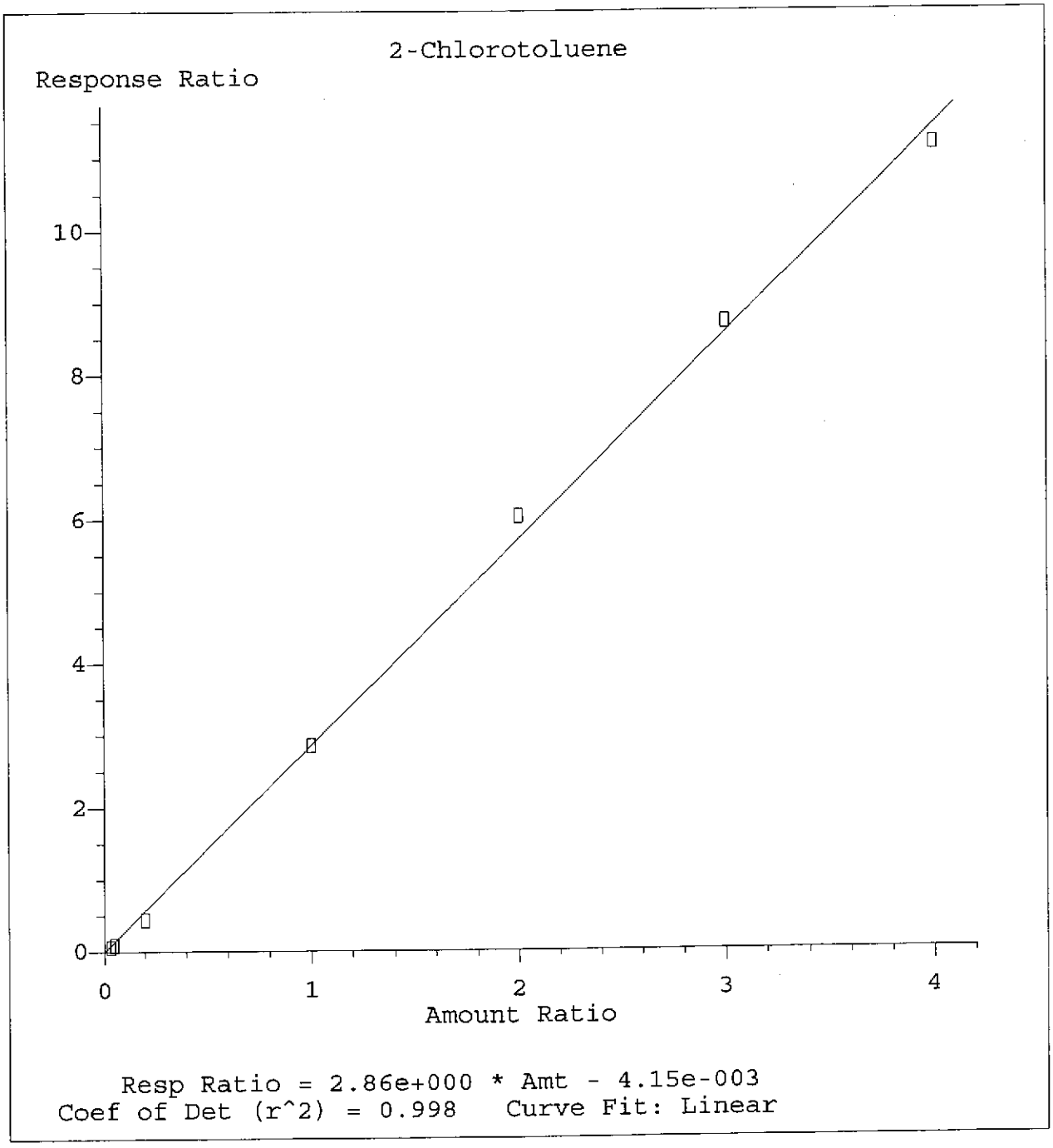
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Calibration Table Last Updated: Mon Jun 04 07:15:16 2007



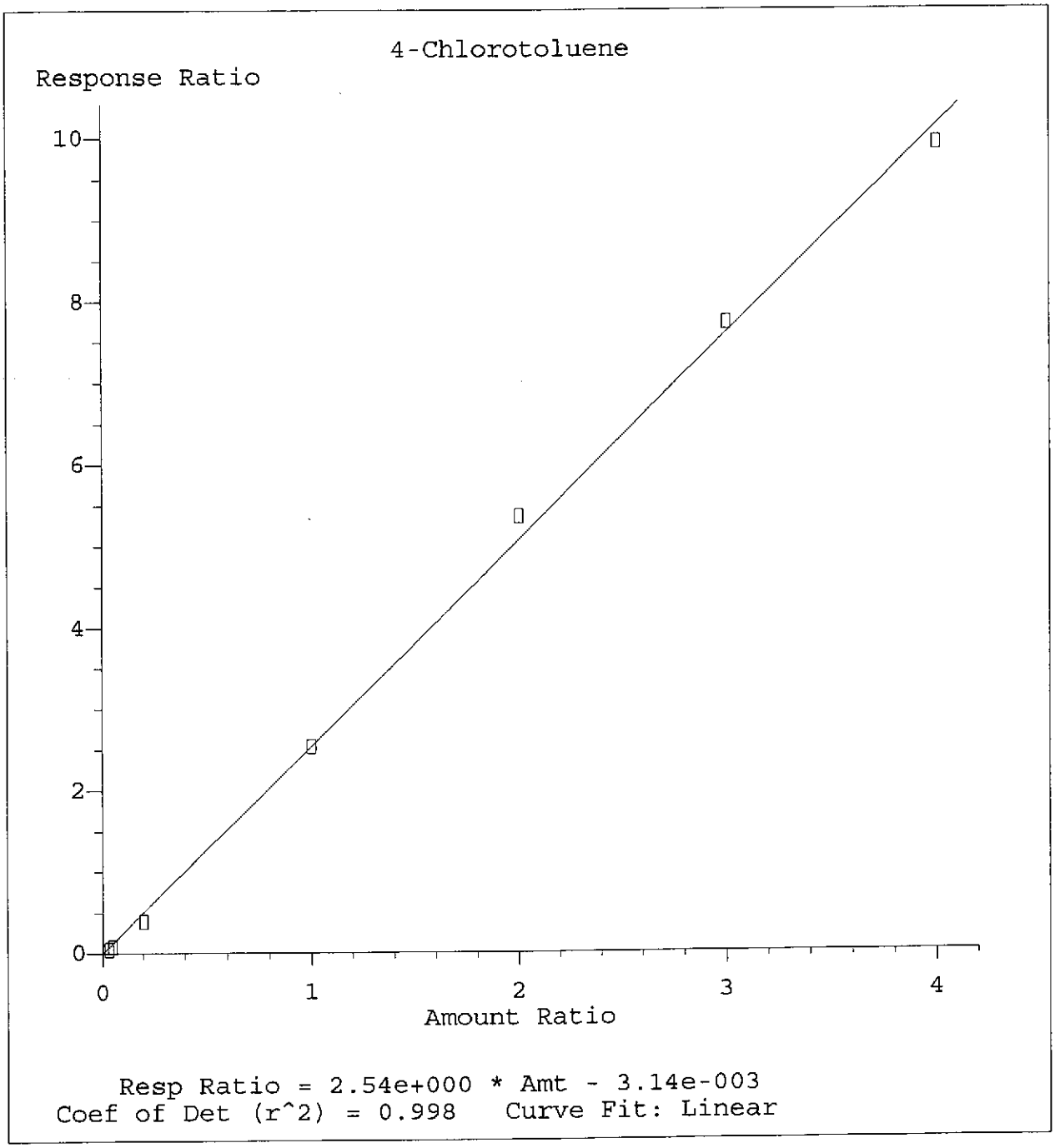
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Calibration Table Last Updated: Mon Jun 04 07:16:21 2007



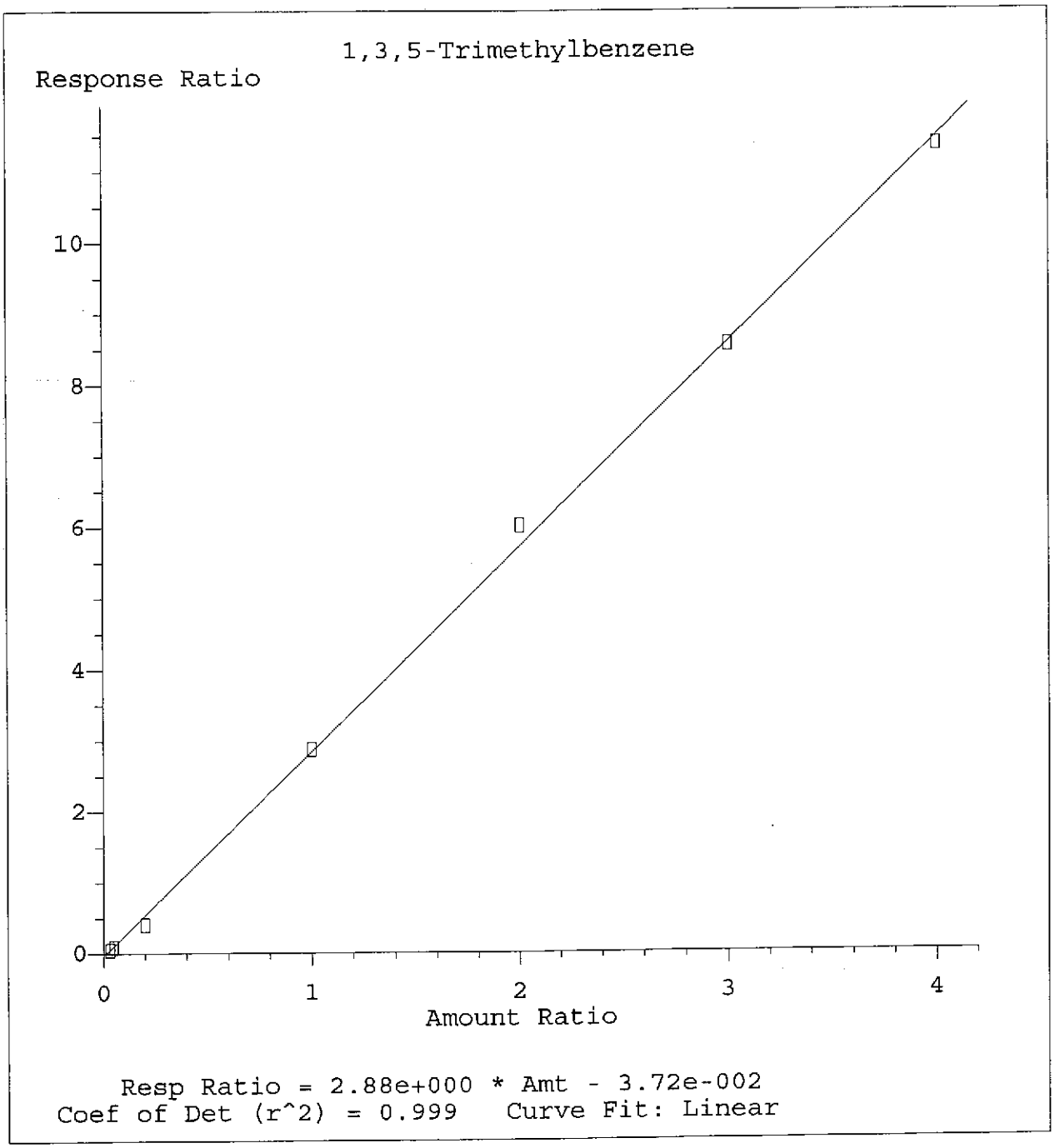
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Calibration Table Last Updated: Mon Jun 04 07:16:39 2007



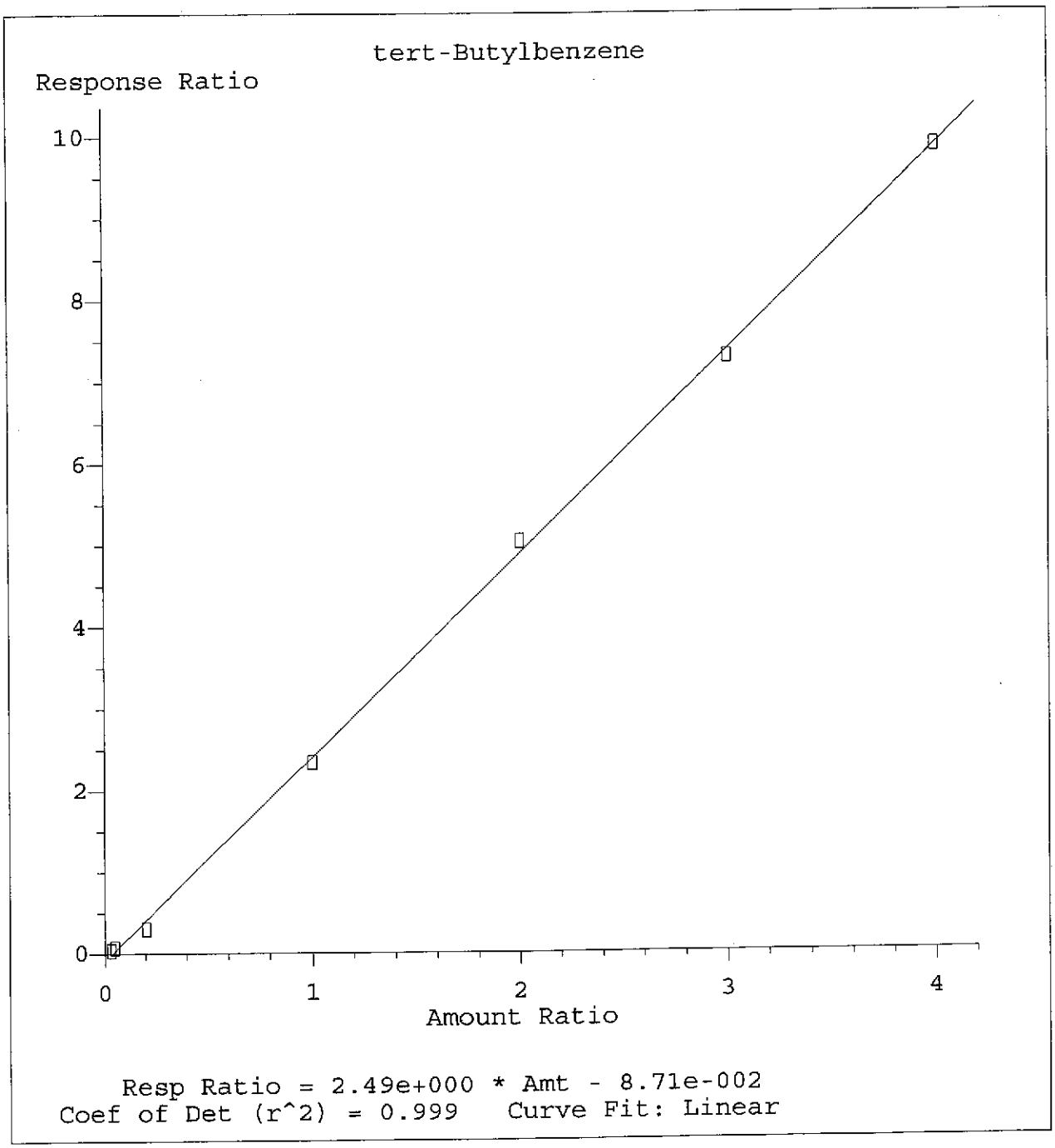
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Calibration Table Last Updated: Mon Jun 04 07:16:57 2007



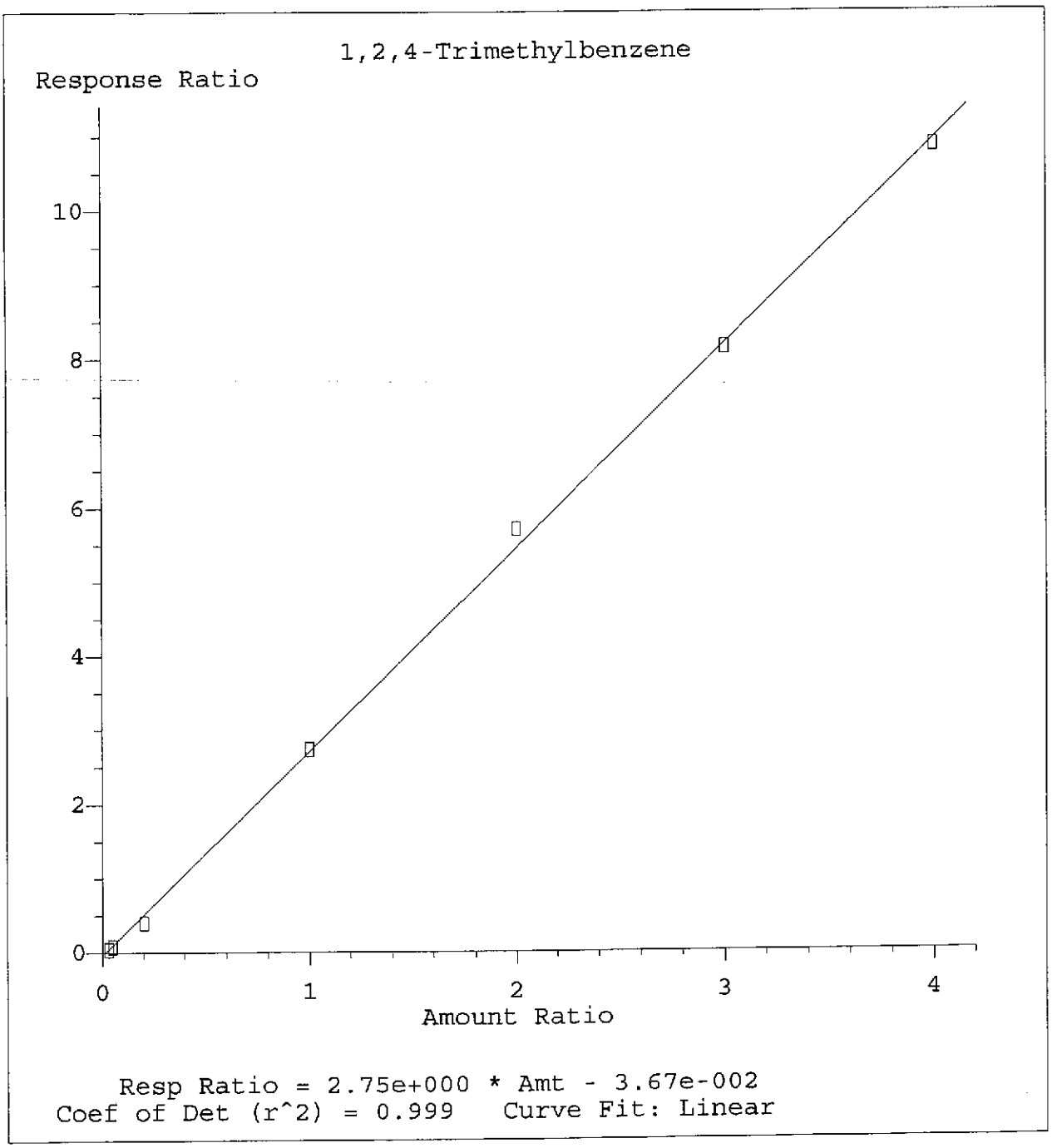
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:16 2007



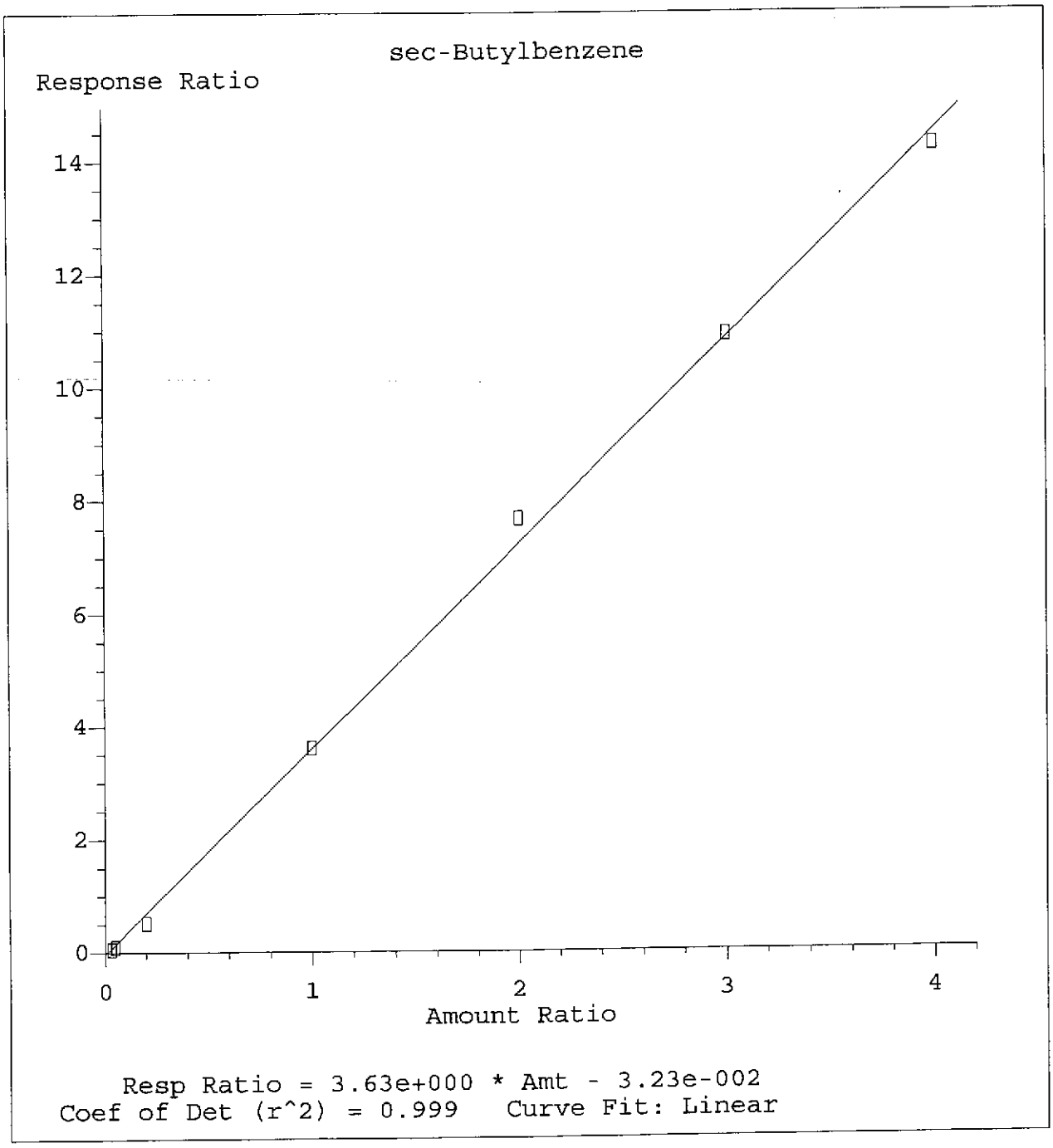
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Calibration Table Last Updated: Mon Jun 04 07:17:31 2007



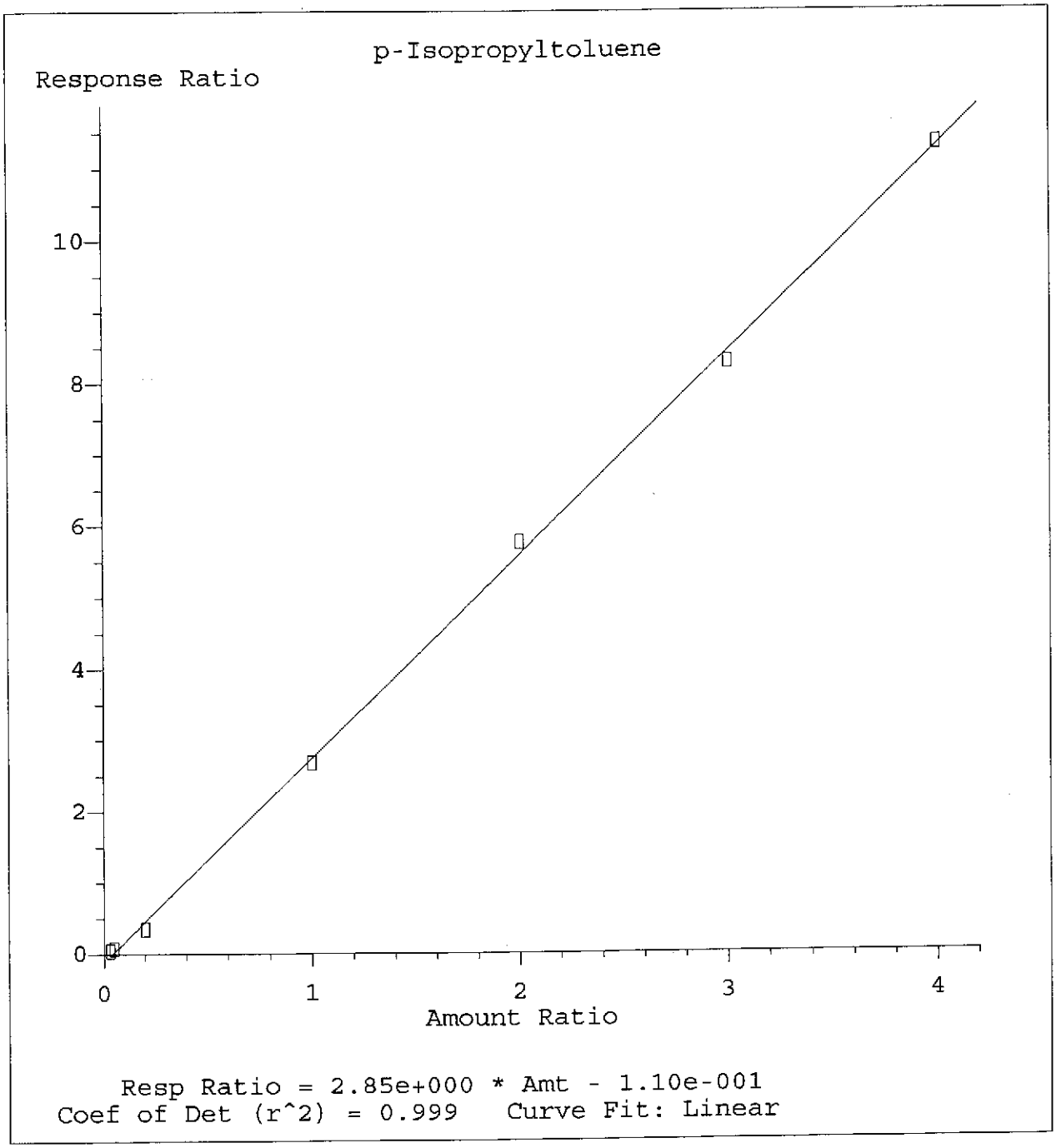
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Calibration Table Last Updated: Mon Jun 04 07:17:46 2007



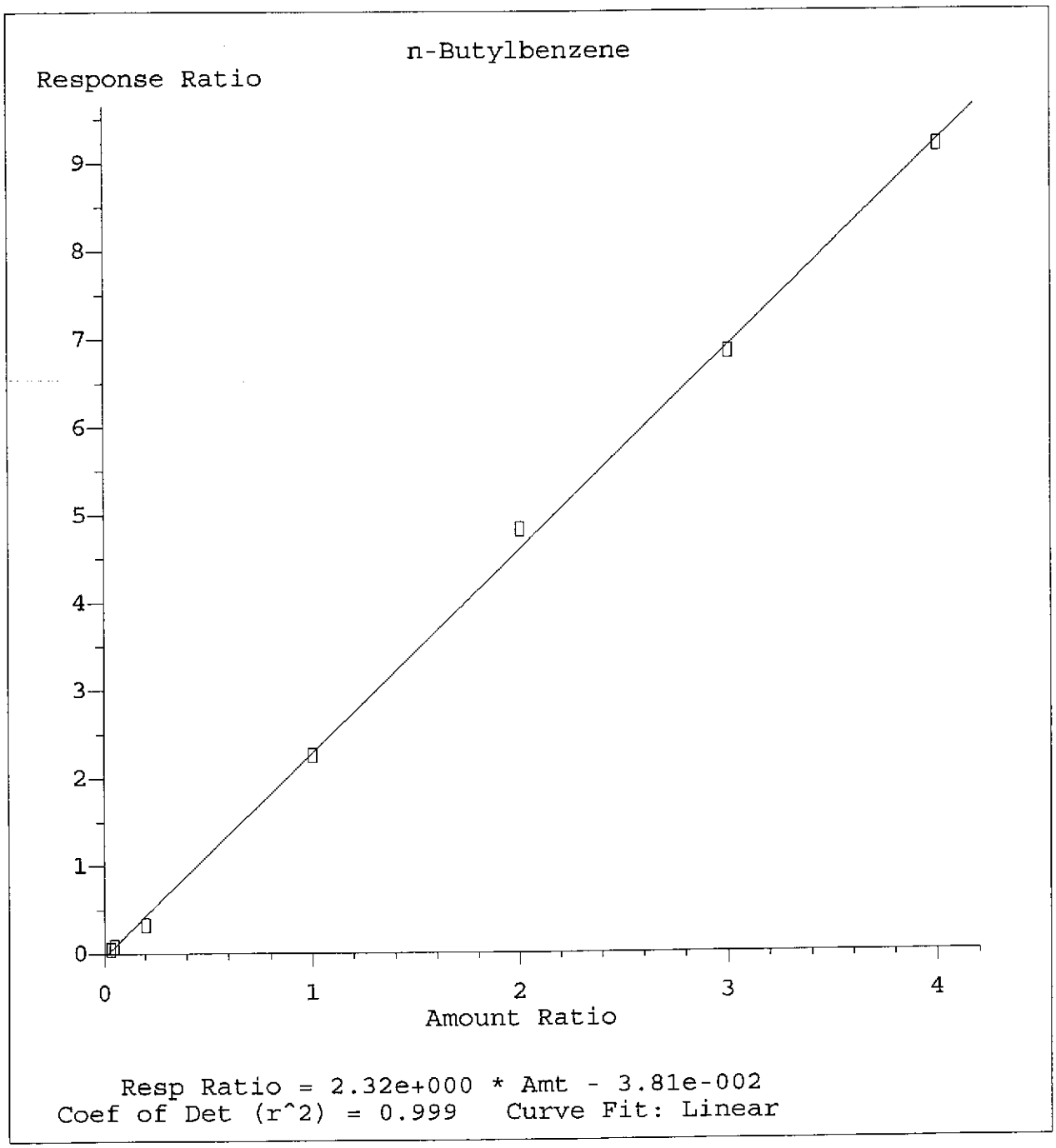
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:02 2007



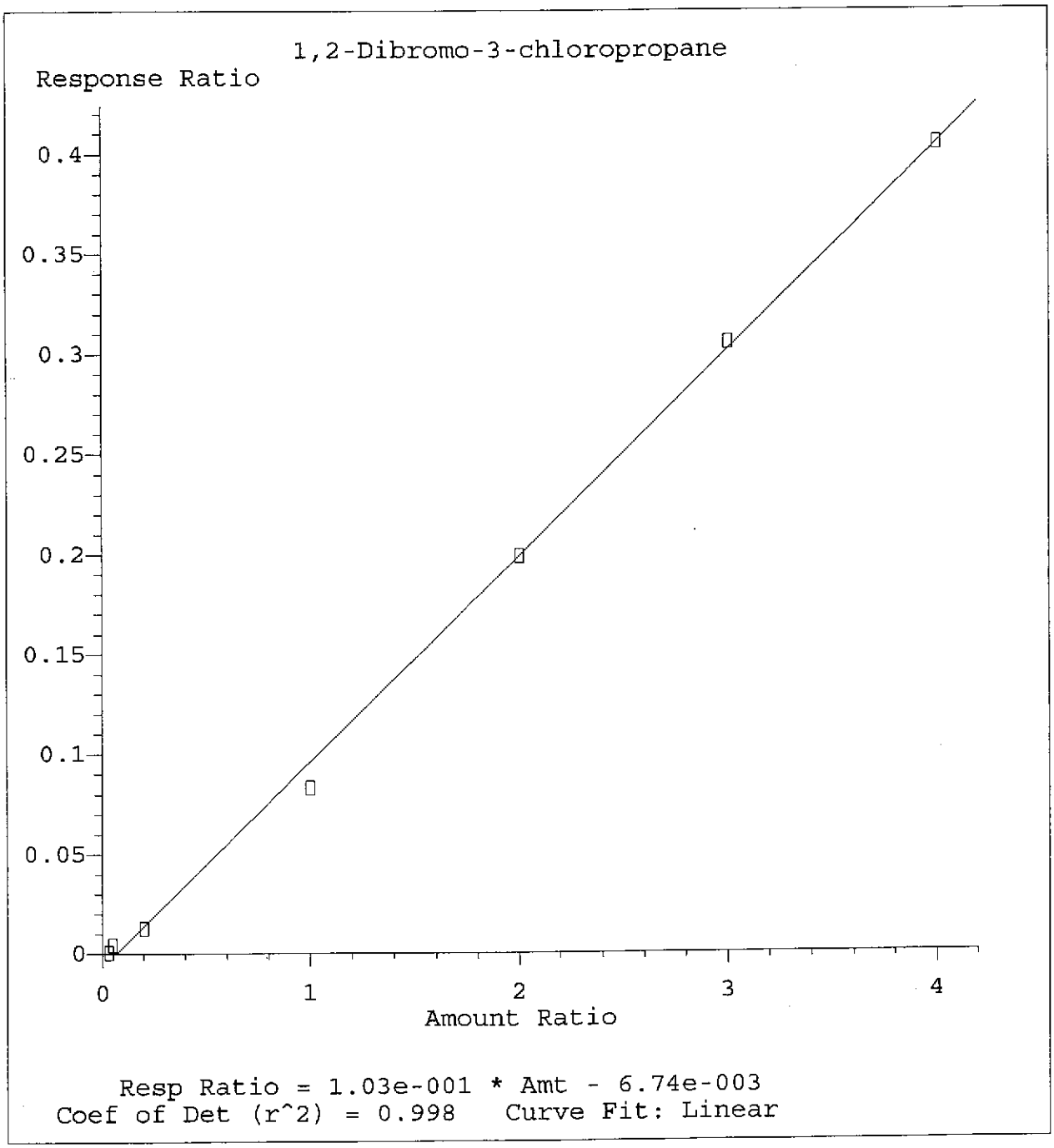
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Calibration Table Last Updated: Mon Jun 04 07:18:16 2007



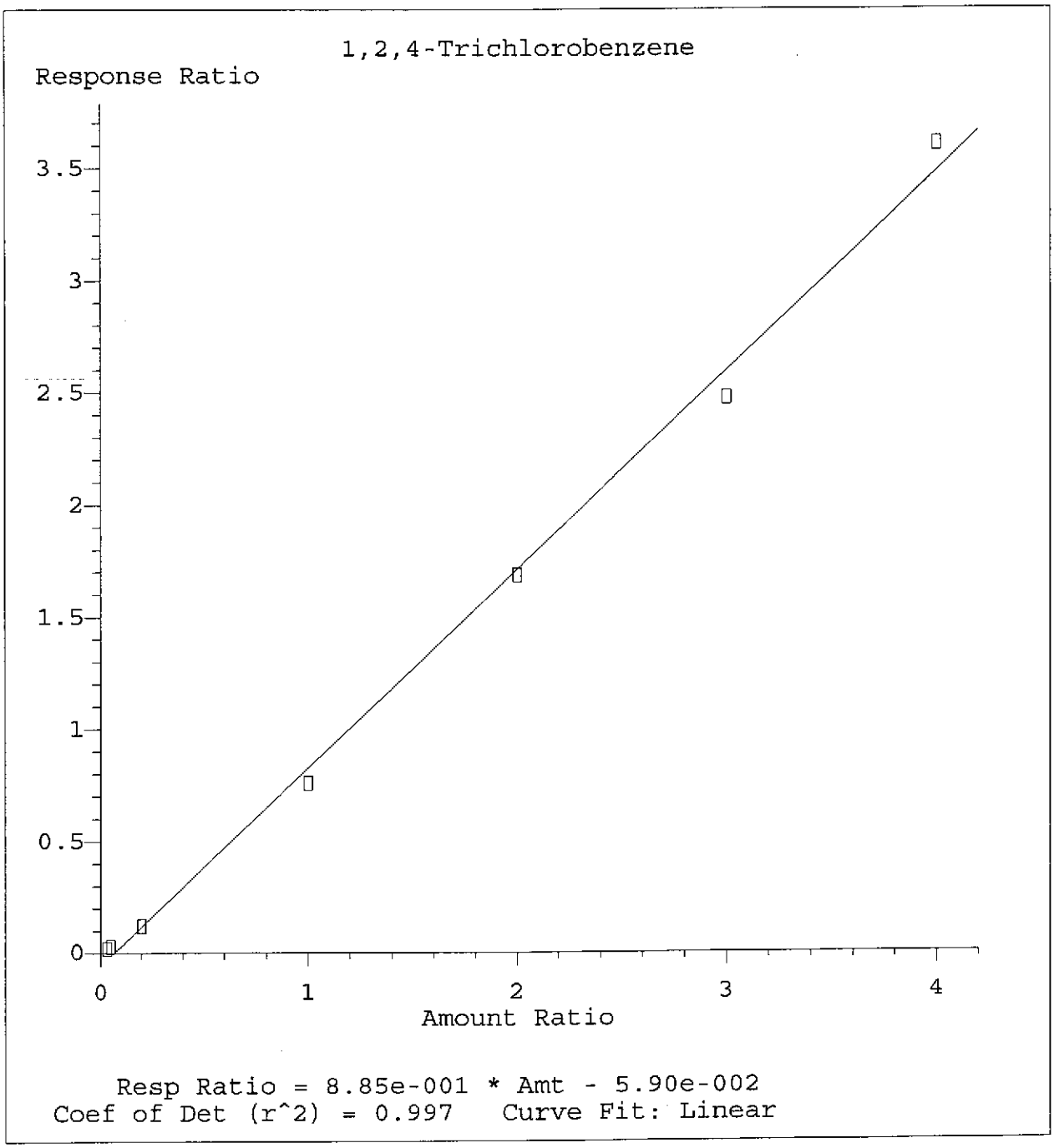
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:33 2007



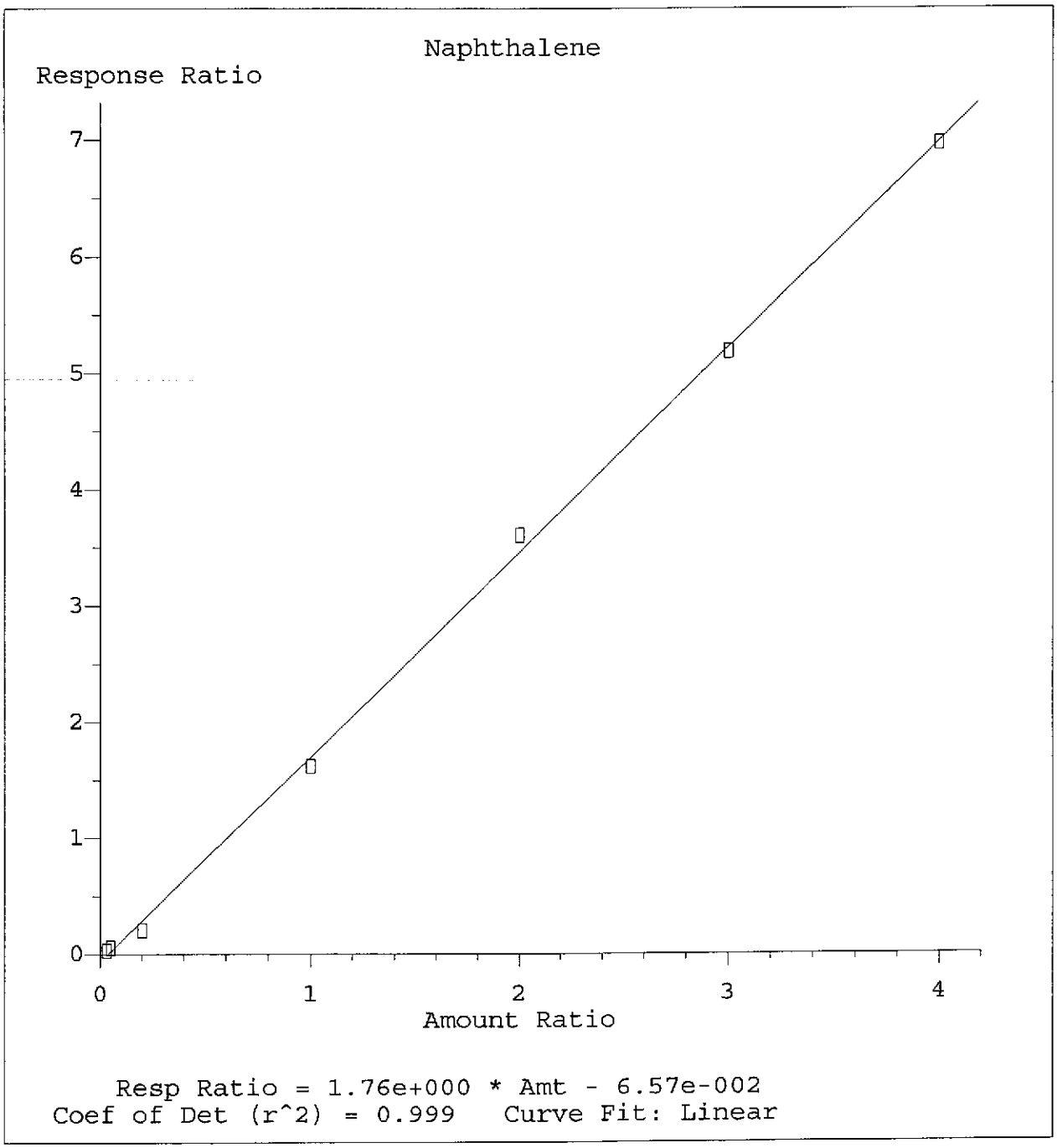
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:48 2007



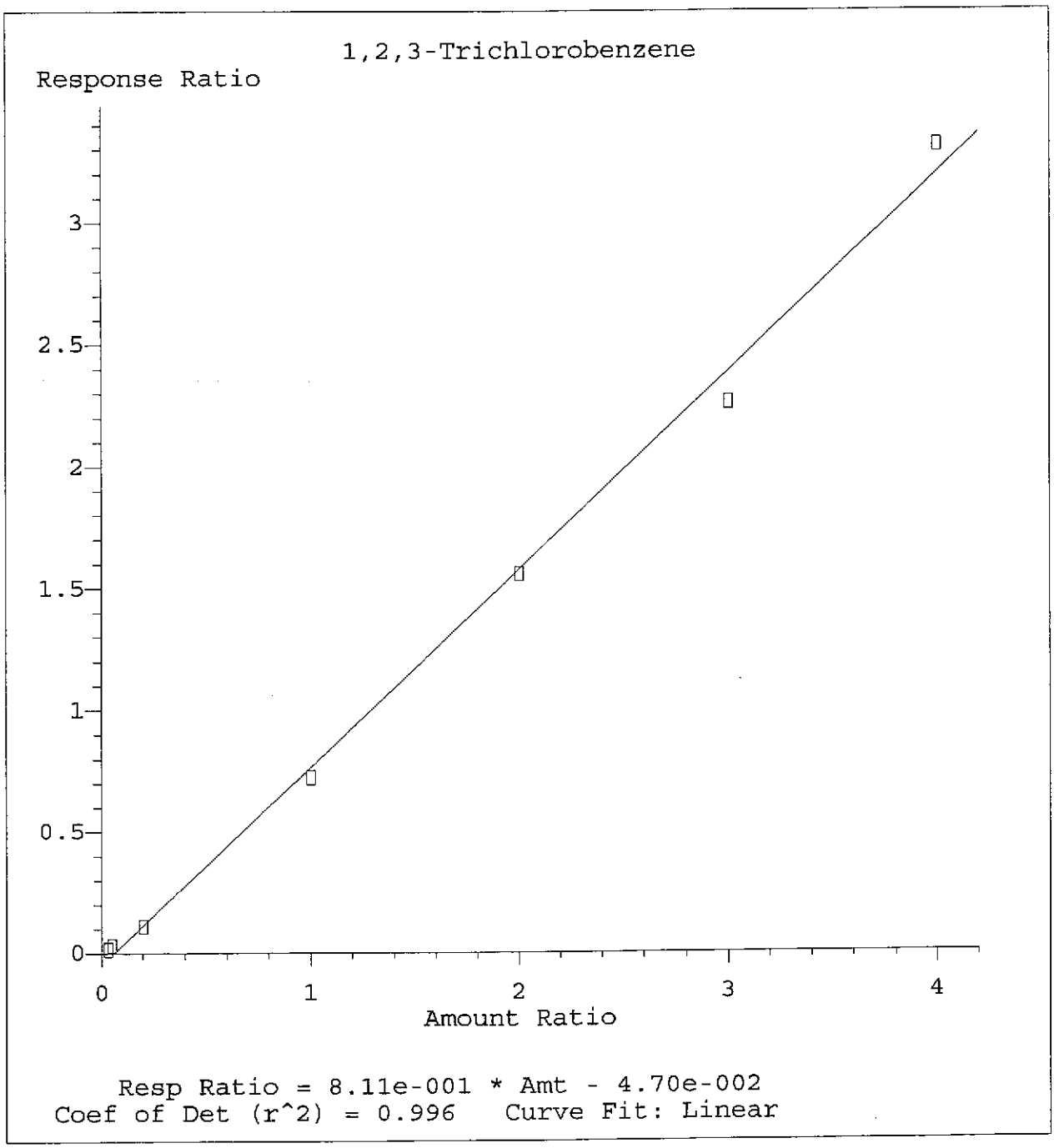
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:03 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:20 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:36 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:52 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 21JUN07

Initial Calibration ID: 986

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

198

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.369	0.361	0.343	0.414	0.402	0.404	0.382	6.81
3)	P	Chloromethane	0.269	0.233	0.229	0.267	0.266	0.272	0.257	7.06
4)	CP	Vinyl chloride	0.192	0.209	0.193	0.229	0.236	0.241	0.220	9.78
5)		Bromomethane	0.181	0.189	0.157	0.186	0.194	0.203	0.187	8.08
6)		Chloroethane	0.114	0.104	0.120	0.137	0.138	0.145	0.128	12.04
7)		Trichlorofluorometh	0.546	0.529	0.539	0.652	0.620	0.608	0.581	8.05
8)		Acetone		0.048	0.038	0.044	0.042	0.041	0.042	8.09
9)		Acrolein	0.001	0.001	0.001	0.001	0.002	0.002	0.002	45.34
10)	CPM	1,1-Dichloroethene	0.183	0.158	0.153	0.192	0.195	0.192	0.181	9.69
11)		Methyl iodide	0.214	0.227	0.237	0.328	0.348	0.356	0.294	21.98
12)		1,1,2-Trichloro-1,2	0.222	0.243	0.212	0.279	0.274	0.270	0.252	10.56
13)		Methyl acetate	0.124	0.120	0.097	0.098	0.097	0.096	0.104	11.70
14)		Acrylonitrile	0.039	0.040	0.039	0.043	0.041	0.041	0.041	3.41
15)		Methylene chloride	0.511	0.353	0.250	0.226	0.225	0.220	0.286	38.61
16)		Carbon disulfide	0.592	0.562	0.559	0.693	0.667	0.673	0.629	8.96
17)		trans-1,2-Dichloroe	0.227	0.211	0.206	0.246	0.243	0.242	0.230	7.04
18)		Methyl tert-Butyl e	0.590	0.544	0.529	0.585	0.596	0.572	0.568	4.45
19)	P	1,1-Dichloroethane	0.380	0.377	0.334	0.389	0.378	0.369	0.370	4.86
20)		Vinyl acetate	0.279	0.225	0.248	0.286	0.278	0.285	0.269	8.83
21)		2-Butanone	0.062	0.046	0.050	0.054	0.055	0.056	0.054	9.34
22)		cis-1,2-Dichloroeth	0.247	0.241	0.230	0.272	0.268	0.266	0.255	6.08
23)		Bromochloromethane	0.146	0.146	0.138	0.148	0.146	0.143	0.144	2.20
24)	CP	Chloroform	0.790	0.796	0.481	0.520	0.518	0.497	0.583	24.83
25)		2,2-Dichloropropane	0.417	0.415	0.398	0.489	0.496	0.485	0.452	9.05
26)		Cyclohexane	0.244	0.258	0.251	0.352	0.357	0.355	0.310	17.82
27)	S	Dibromofluoromethan	0.260	0.244	0.237	0.276	0.270	0.265	0.258	5.41
28)	S	1,2-Dichloroethane-	0.329	0.345	0.311	0.327	0.321	0.304	0.318	5.90
29)		1,2-Dichloroethane	0.408	0.375	0.374	0.398	0.389	0.363	0.379	5.61
30)		1,1,1-Trichloroetha	0.509	0.480	0.478	0.603	0.604	0.580	0.543	10.11
31)		1,1-Dichloropropene	0.272	0.267	0.253	0.328	0.342	0.338	0.305	12.76
32)		Carbon tetrachlorid	0.442	0.404	0.398	0.504	0.522	0.506	0.466	10.97
33)	M	Benzene	0.816	0.777	0.755	0.897	0.915	0.907	0.850	7.80
34)	M	Trichloroethene	0.285	0.292	0.256	0.305	0.312	0.312	0.295	6.78
35)		Dibromomethane	0.158	0.149	0.131	0.151	0.145	0.140	0.144	6.34
36)		Methylcyclohexane	0.262	0.286	0.295	0.396	0.406	0.419	0.355	19.88
37)	CP	1,2-Dichloropropane	0.183	0.164	0.160	0.185	0.190	0.188	0.180	7.01
38)		Bromodichloromethan	0.389	0.401	0.314	0.378	0.384	0.369	0.371	7.60
39)		2-Chloroethylvinyl	0.070	0.065	0.068	0.081	0.079	0.082	0.076	10.11
40)		4-Methyl-2-pentanon	0.119	0.117	0.119	0.139	0.141	0.144	0.131	9.58
41)		cis-1,3-Dichloropro	0.327	0.306	0.305	0.355	0.374	0.370	0.344	8.81
42)	S	Toluene-d8	0.901	0.836	0.869	1.037	1.058	1.048	0.965	9.70
43)	CPM	Toluene	0.639	0.625	0.612	0.745	0.762	0.755	0.696	9.67

(#) = Out of Range ### Number of calibration levels exceeded format ##

David M Baldin
6/12/07

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.297	0.270	0.279	0.358	0.368	0.362	0.327	13.28
45)		1,1,2-Trichloroetha	0.126	0.131	0.125	0.147	0.151	0.148	0.139	8.00
46)		2-Hexanone			0.075	0.092	0.099	0.103	0.094	12.10
47)	I	Chlorobenzene-d5	----------ISTD----------							
48)		1,2-Dibromoethane	0.426	0.447	0.431	0.485	0.504	0.512	0.474	8.07
49)		1,3-Dichloropropane	0.680	0.618	0.634	0.711	0.714	0.711	0.684	6.12
50)		Dibromochloromethan	0.658	0.558	0.543	0.644	0.693	0.710	0.645	10.76
51)		Tetrachloroethene	0.716	0.779	0.721	0.876	0.886	0.915	0.828	10.46
52)		1-Chlorohexane	0.654	0.560	0.643	0.808	0.843	0.875	0.752	17.30
53)		1,1,1,2-Tetrachloro	0.607	0.611	0.611	0.715	0.746	0.761	0.687	10.78
54)	PM	Chlorobenzene	1.949	1.840	1.861	2.103	2.114	2.137	2.009	6.20
55)	CP	Ethylbenzene	3.185	3.106	2.931	3.479	3.446	3.464	3.262	6.43
56)		(m+p)-Xylene	1.074	1.081	1.055	1.266	1.291	1.367	1.206	10.90
57)		o-Xylene	1.132	1.075	1.042	1.260	1.293	1.368	1.213	10.62
58)		Styrene	1.517	1.435	1.564	2.094	2.184	2.300	1.899	19.76
59)	P	Bromoform	0.291	0.258	0.291	0.369	0.404	0.423	0.353	20.43
60)	S	Bromofluorobenzene	1.091	0.854	0.799	0.948	0.973	1.004	0.946	10.14
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
62)		trans-1,4-Dichloro-	0.083	0.048	0.080	0.101	0.115	0.113	0.094	27.09
63)	P	1,1,2,2-Tetrachloro	0.596	0.548	0.519	0.546	0.540	0.490	0.535	6.37
64)		Isopropylbenzene	3.708	3.748	3.628	3.981	3.881	3.564	3.690	5.90
65)		1,2,3-Trichloroprop	0.498	0.493	0.487	0.504	0.502	0.471	0.490	2.56
66)		Bromobenzene	1.005	1.014	0.992	1.066	1.049	1.001	1.019	2.66
67)		n-Propylbenzene	3.063	3.352	3.243	3.744	3.692	3.486	3.403	7.38
68)		2-Chlorotoluene	2.488	2.684	2.527	2.768	2.729	2.598	2.613	4.38
69)		4-Chlorotoluene	1.971	2.168	2.009	2.282	2.278	2.186	2.145	5.66
70)		1,3,5-Trimethylbenz	2.291	2.375	2.282	2.651	2.616	2.546	2.455	6.15
71)		tert-Butylbenzene	2.651	2.643	2.373	2.770	2.734	2.615	2.609	5.34
72)		1,2,4-Trimethylbenz	1.960	2.090	2.018	2.371	2.358	2.274	2.175	7.51
73)		sec-Butylbenzene	2.918	3.076	3.043	3.605	3.541	3.298	3.216	8.38
74)		1,3-Dichlorobenzene	1.474	1.624	1.549	1.765	1.761	1.705	1.649	6.59
75)		p-Isopropyltoluene	2.393	2.470	2.439	2.996	2.975	2.840	2.678	9.64
76)		1,4-Dichlorobenzene	1.668	1.538	1.460	1.646	1.664	1.629	1.599	4.80
77)		n-Butylbenzene	1.313	1.322	1.502	1.991	1.997	1.953	1.705	18.46
78)		1,2-Dichlorobenzene	1.415	1.527	1.445	1.678	1.667	1.610	1.558	6.59
79)		1,2-Dibromo-3-chlor		0.095	0.093	0.108	0.113	0.114	0.106	9.06
80)		1,2,4-Trichlorobenz	0.207	0.321	0.539	0.767	0.828	0.834	0.619	42.92
81)		Hexachlorobutadiene	0.400	0.397	0.466	0.596	0.619	0.620	0.532	20.07
82)		Naphthalene	0.408	0.352	0.800	1.344	1.448	1.391	1.015	47.78
83)		1,2,3-Trichlorobenz	0.165	0.303	0.553	0.780	0.817	0.807	0.605	45.07

(#) = Out of Range ### Number of calibration levels exceeded format ##

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.377		
3)	P	Chloromethane	0.262		
4)	CP	Vinyl chloride	0.239		
5)		Bromomethane	0.197		
6)		Chloroethane	0.140		
7)		Trichlorofluorometh	0.570		
8)		Acetone	0.041		
9)		Acrolein	0.003		
10)	CPM	1,1-Dichloroethene	0.191		
11)		Methyl iodide	0.350		
12)		1,1,2-Trichloro-1,2	0.265		
13)		Methyl acetate	0.097		
14)		Acrylonitrile	0.041		
15)		Methylene chloride	0.215		
16)		Carbon disulfide	0.658		
17)		trans-1,2-Dichloroe	0.237		
)		Methyl tert-Butyl e	0.558		
19)	P	1,1-Dichloroethane	0.361		
20)		Vinyl acetate	0.286		
21)		2-Butanone	0.055		
22)		cis-1,2-Dichloroeth	0.260		
23)		Bromochloromethane	0.145		
24)	CP	Chloroform	0.476		
25)		2,2-Dichloropropane	0.464		
26)		Cyclohexane	0.351		
27)	S	Dibromofluoromethan	0.258		
28)	S	1,2-Dichloroethane-	0.288		
29)		1,2-Dichloroethane	0.346		
30)		1,1,1-Trichloroetha	0.551		
31)		1,1-Dichloropropene	0.334		
32)		Carbon tetrachlorid	0.486		
33)	M	Benzene	0.883		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.137		
36)		Methylcyclohexane	0.422		
37)	CP	1,2-Dichloropropane	0.189		
38)		Bromodichloromethan	0.359		
39)		2-Chloroethylvinyl	0.084		
40)		4-Methyl-2-pentanon	0.141		
41)		cis-1,3-Dichloropro	0.368		
42)	S	Toluene-d8	1.009		
)	CPM	Toluene	0.734		

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Batton
6/21/07

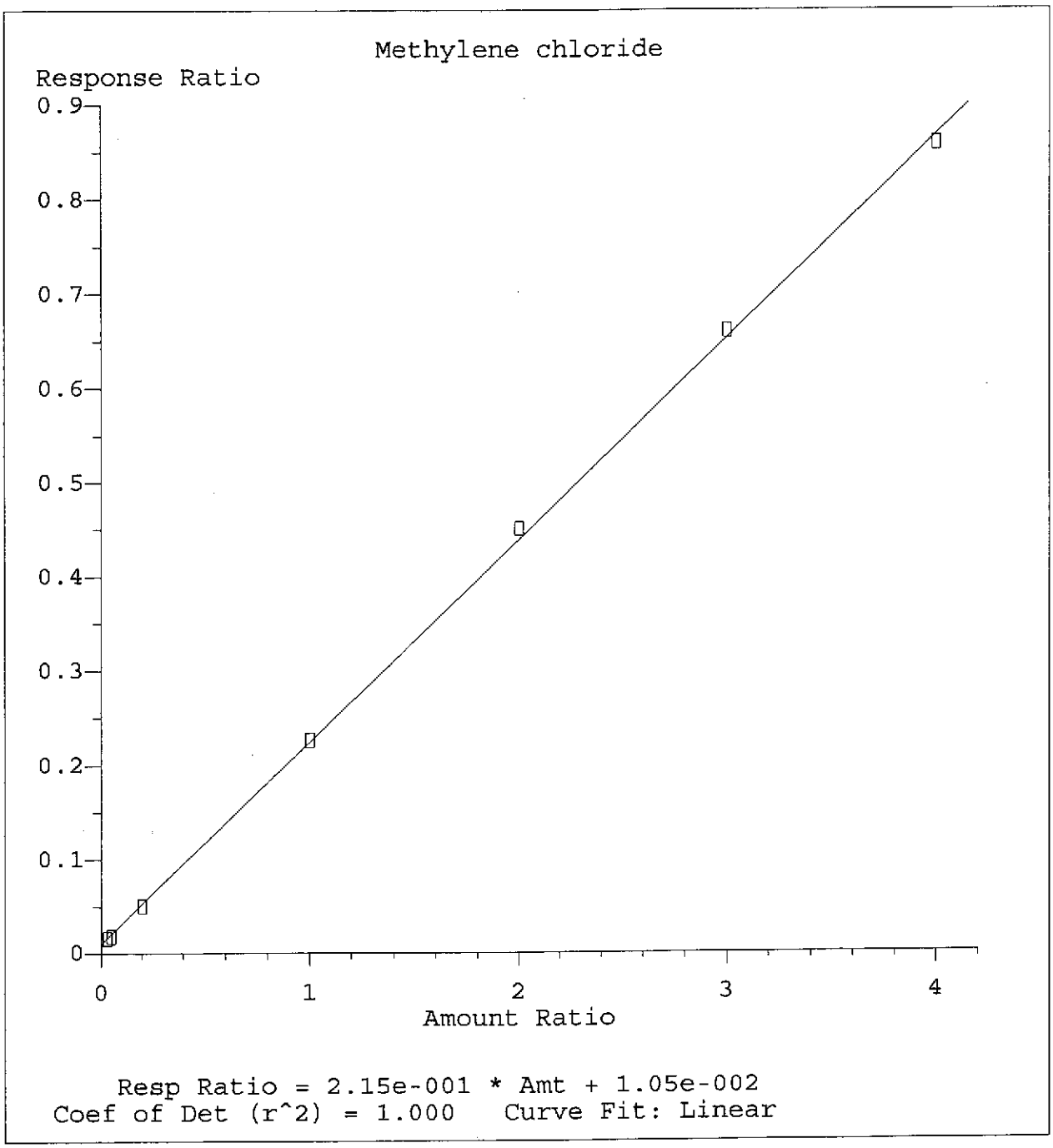
Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

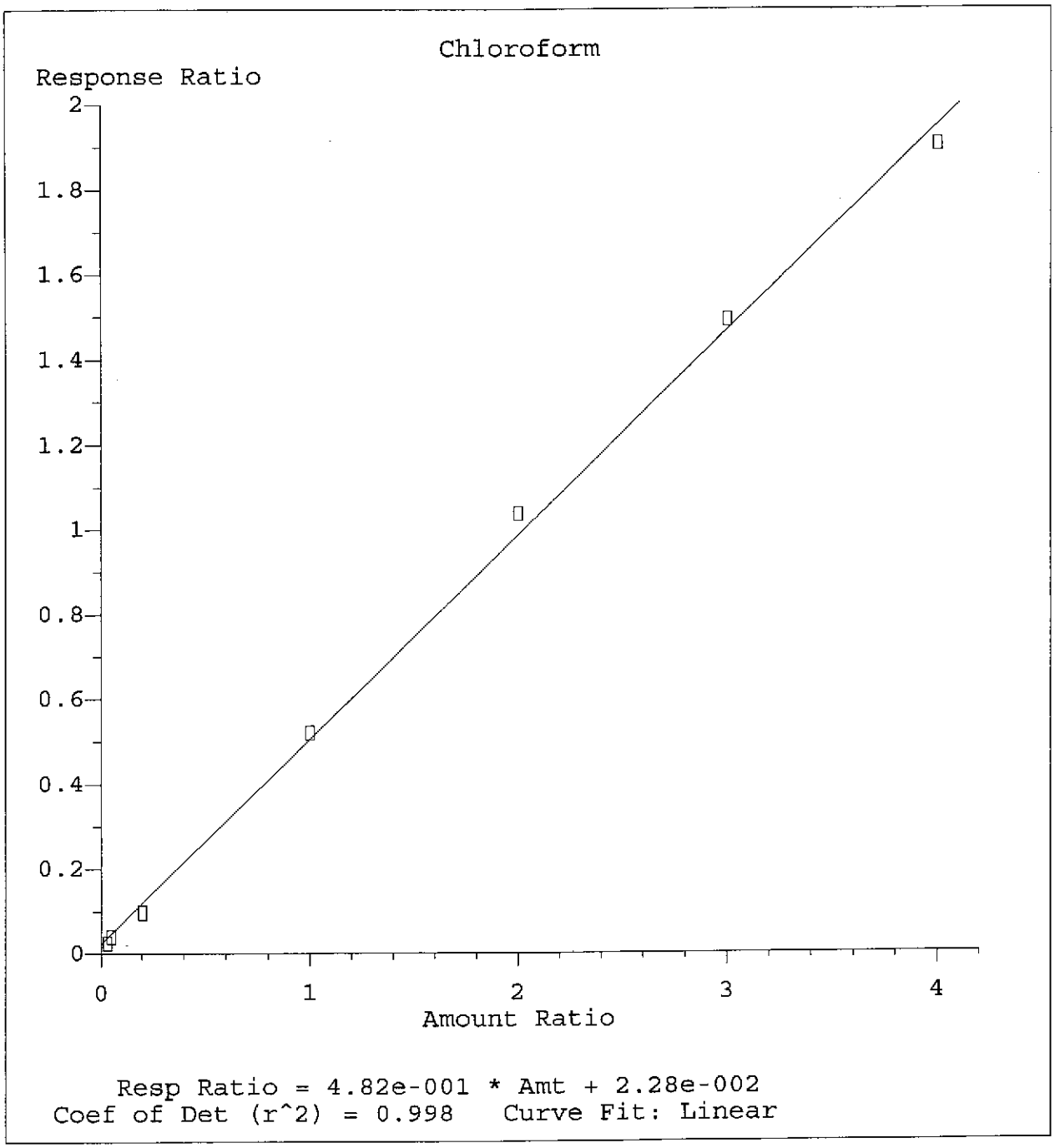
Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.357		
45)		1,1,2-Trichloroetha	0.145		
46)		2-Hexanone	0.102		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.511		
49)		1,3-Dichloropropane	0.719		
50)		Dibromochloromethan	0.710		
51)		Tetrachloroethene	0.901		
52)		1-Chlorohexane	0.882		
53)		1,1,1,2-Tetrachloro	0.760		
54)	PM	Chlorobenzene	2.060		
55)	CP	Ethylbenzene	3.221		
56)		(m+p)-Xylene	1.309		
57)		o-Xylene	1.322		
58)		Styrene	2.199		
59)	P	Bromoform	0.435		
60)	S	Bromofluorobenzene	0.956		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.118		
63)	P	1,1,2,2-Tetrachloro	0.509		
64)		Isopropylbenzene	3.317		
65)		1,2,3-Trichloroprop	0.476		
66)		Bromobenzene	1.009		
67)		n-Propylbenzene	3.239		
68)		2-Chlorotoluene	2.500		
69)		4-Chlorotoluene	2.118		
70)		1,3,5-Trimethylbenz	2.425		
71)		tert-Butylbenzene	2.480		
72)		1,2,4-Trimethylbenz	2.154		
73)		sec-Butylbenzene	3.033		
74)		1,3-Dichlorobenzene	1.666		
75)		p-Isopropyltoluene	2.632		
76)		1,4-Dichlorobenzene	1.586		
77)		n-Butylbenzene	1.861		
78)		1,2-Dichlorobenzene	1.565		
79)		1,2-Dibromo-3-chlor	0.114		
80)		1,2,4-Trichlorobenz	0.834		
81)		Hexachlorobutadiene	0.628		
82)		Naphthalene	1.362		
83)		1,2,3-Trichlorobenz	0.809		

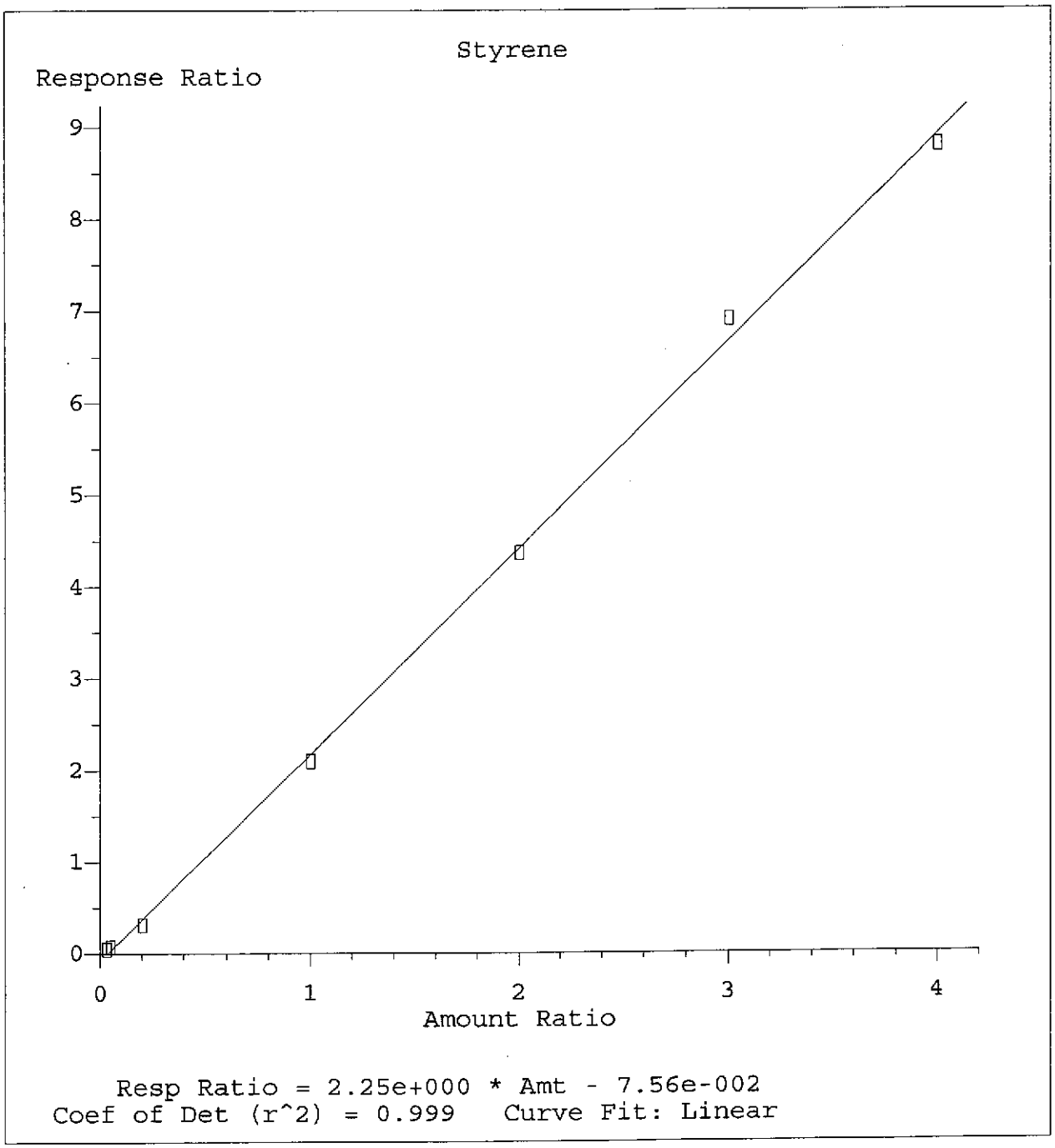
(#) = Out of Range ### Number of calibration levels exceeded format ###



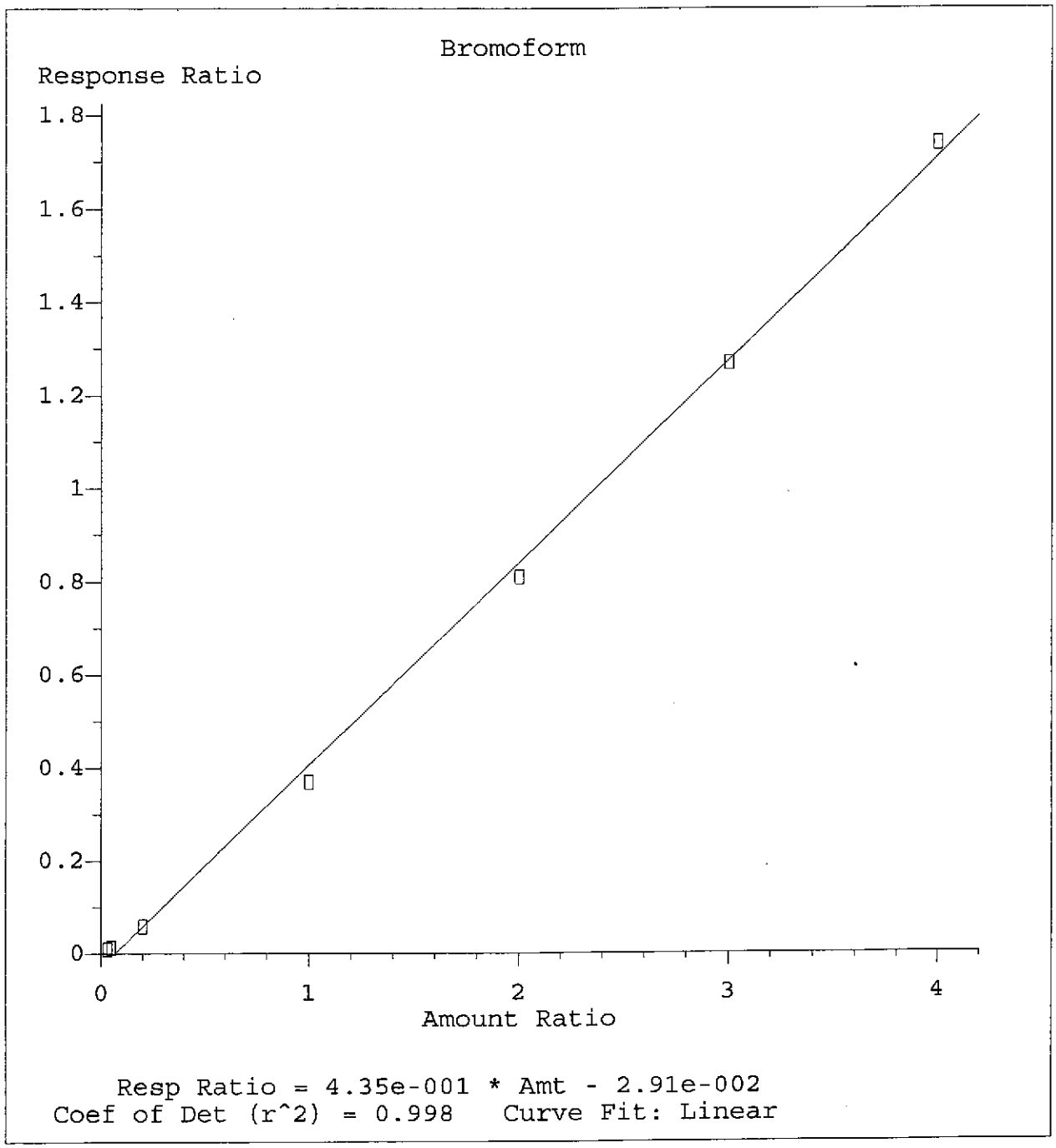
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:00:23 2007



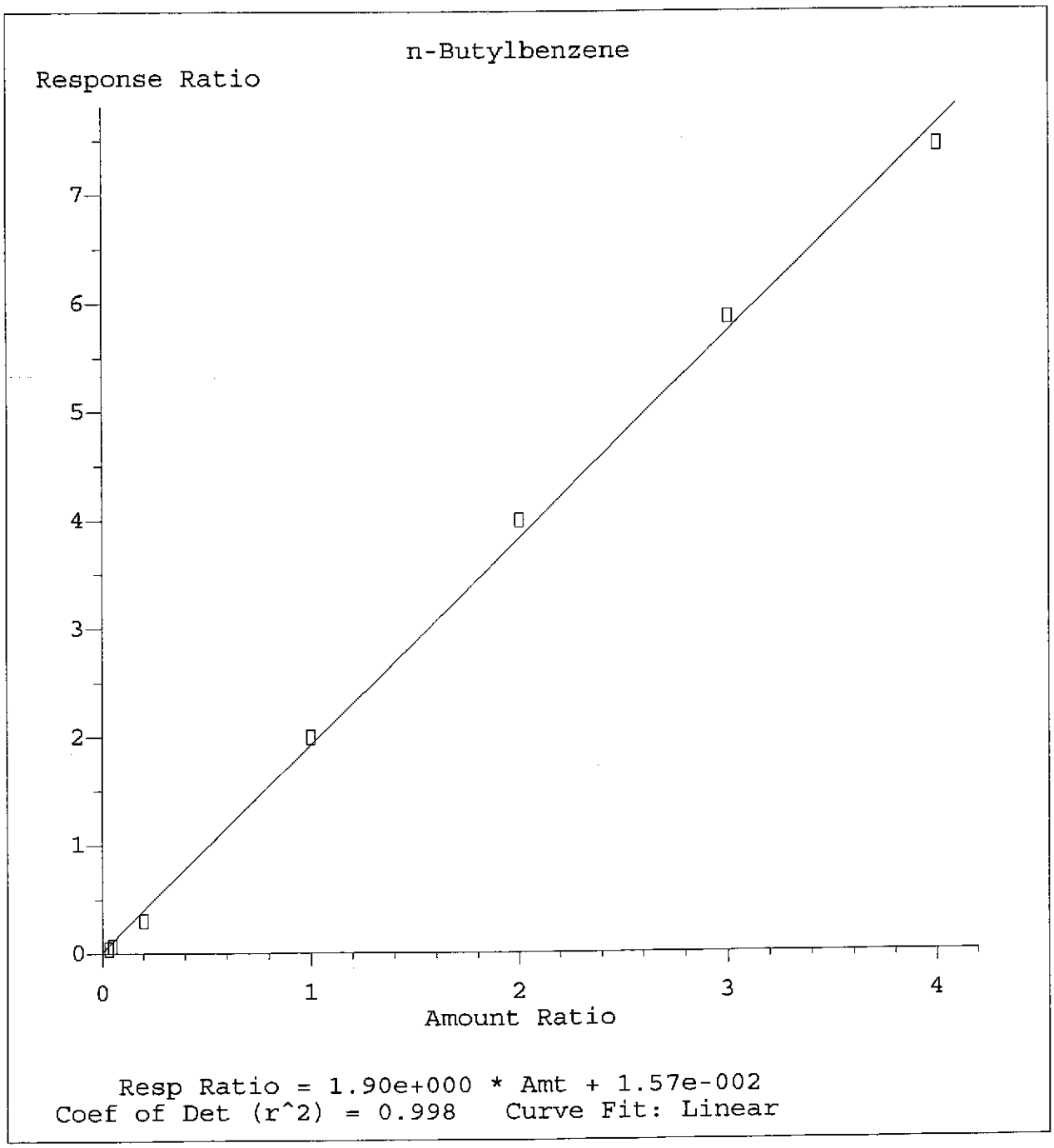
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:01:15 2007



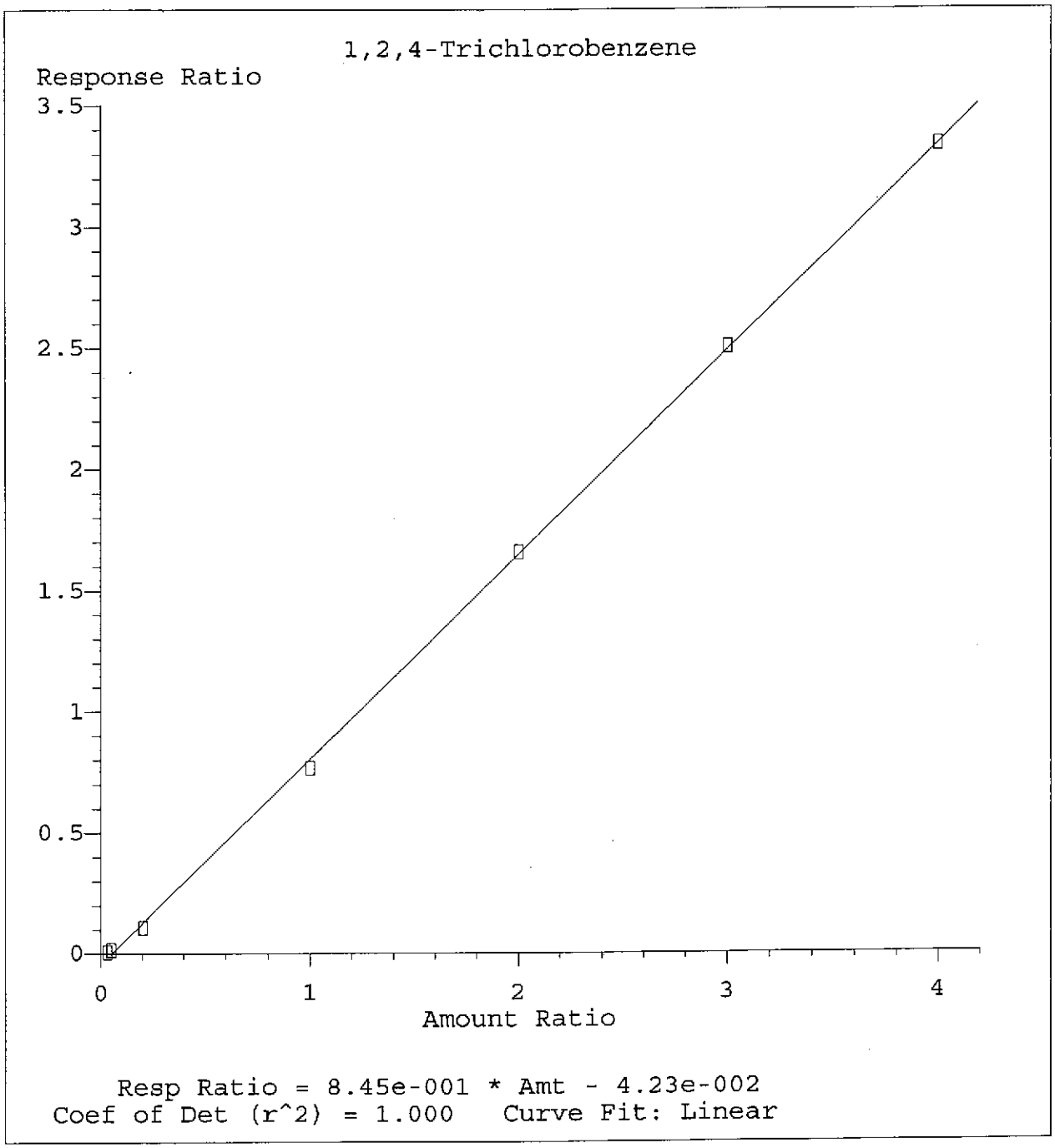
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:01 2007



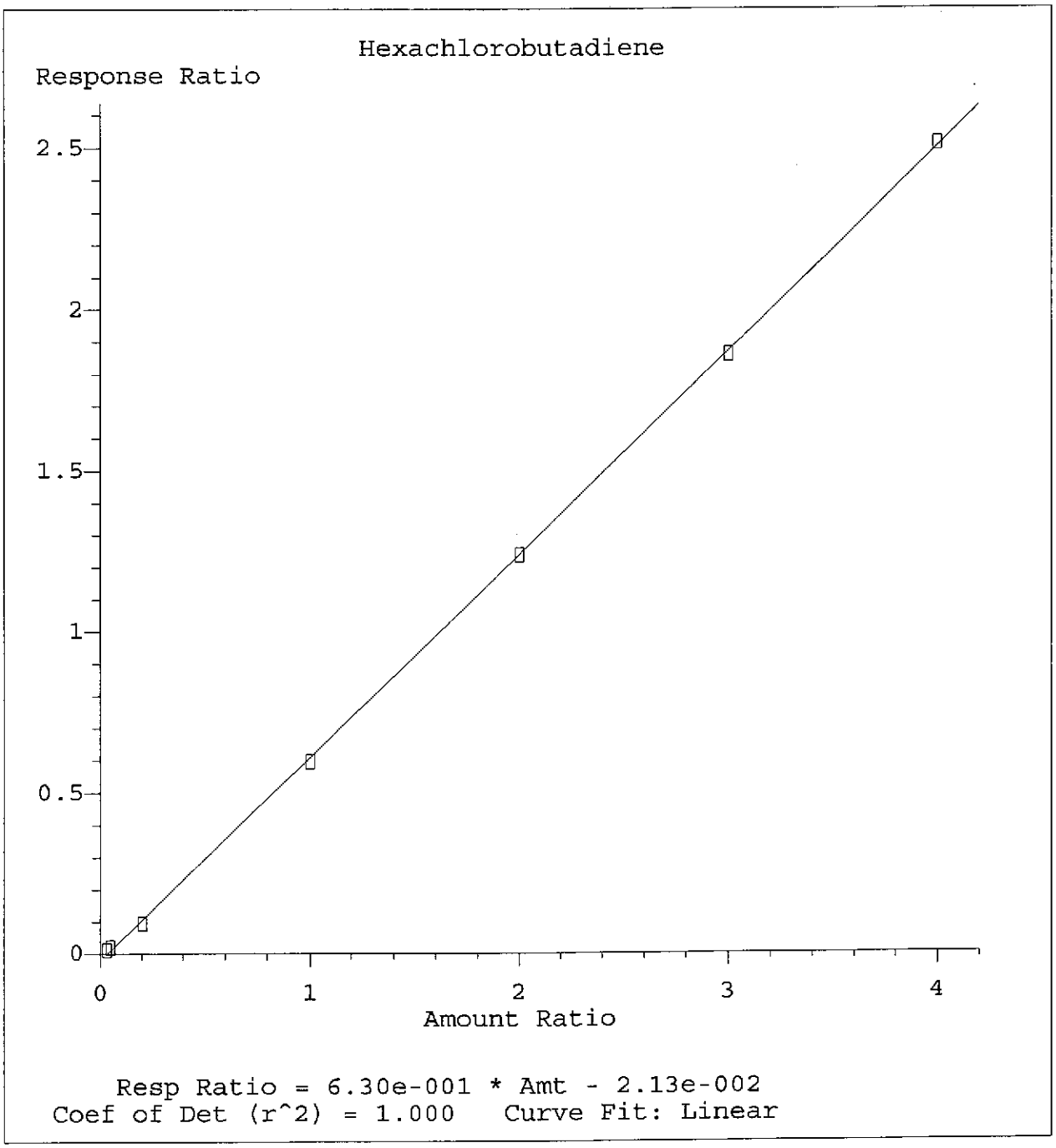
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Calibration Table Last Updated: Thu Jun 21 11:06:40 2007



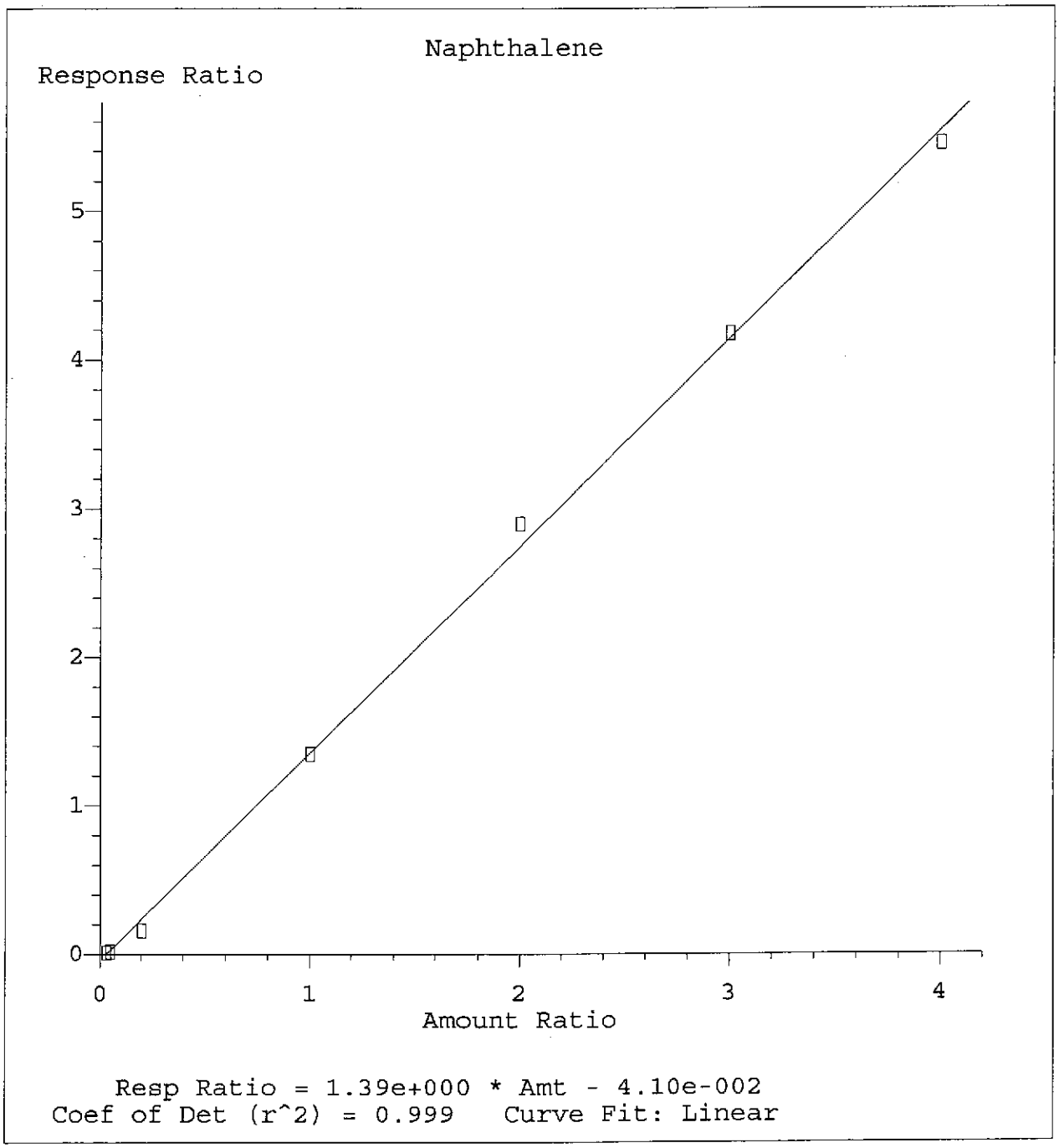
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:08:24 2007



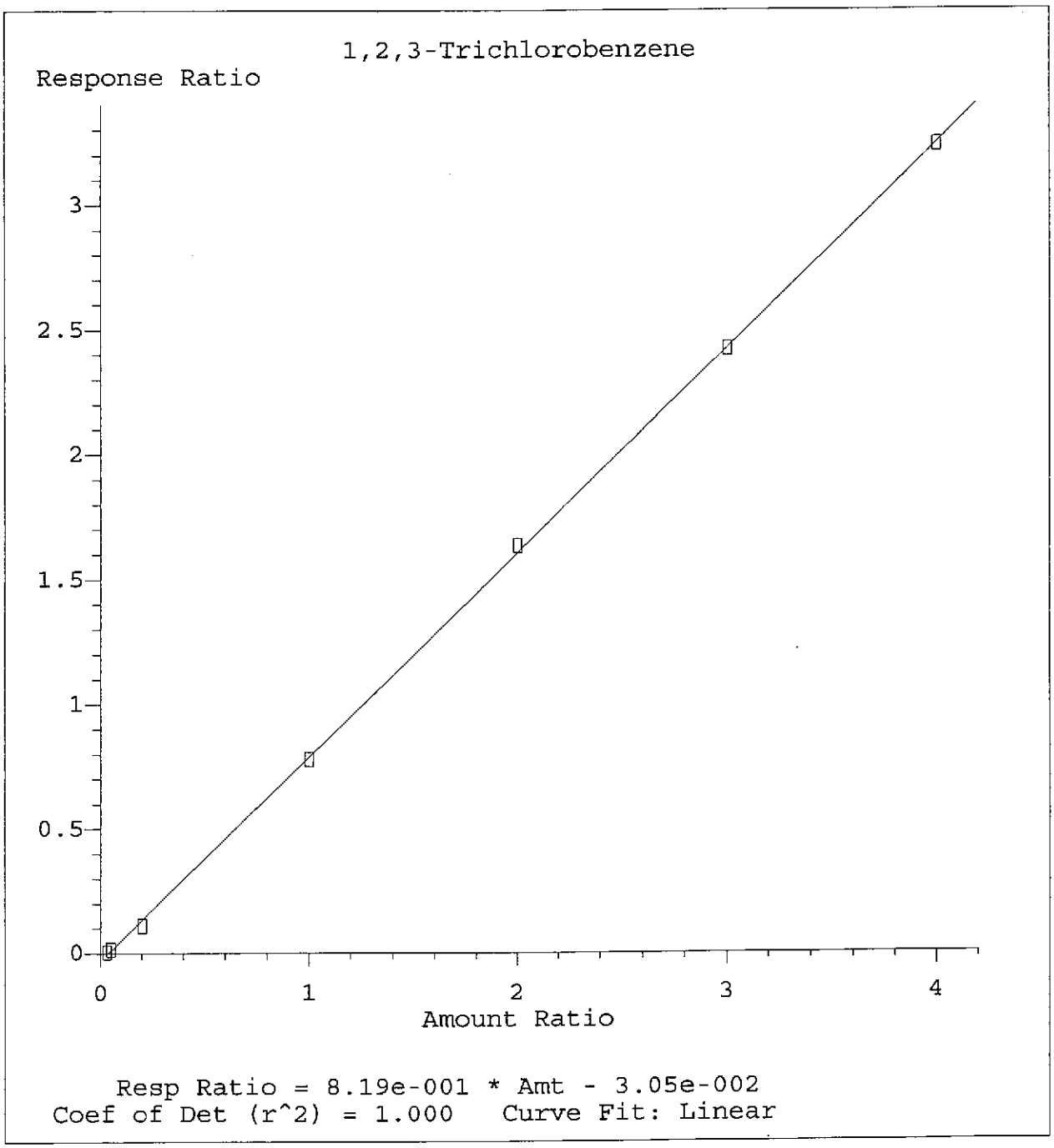
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:03 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:32 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:47 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:11:06 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Date of Initial Calibration: 25JUN07

Initial Calibration ID: 992

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:47:48 2007
Response via : Initial Calibration 1992

Calibration Files
0.5 =M1124.D 1.0 =M1125.D 2.0 =M1126.D
10 =M1127.D 20 =M1128.D 30 =M1129.D

		Compound	0.5	1.0	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.438	0.468	0.480	0.567	0.555	0.557	0.519	10.61
3)	P	Chloromethane	0.184	0.159	0.159	0.167	0.181	0.159	0.169	6.51
4)	CP	Vinyl chloride	0.147	0.149	0.178	0.189	0.181	0.162	0.172	11.25
5)		Bromomethane	0.244	0.243	0.257	0.259	0.202	0.253	0.245	8.17
6)		Chloroethane	0.099	0.115	0.114	0.125	0.094	0.120	0.112	10.11
7)		Trichlorofluorometh	0.762	0.776	0.809	0.917	0.830	0.881	0.837	7.01
8)		Acetone			0.029	0.027	0.025	0.027	0.027#	6.16
9)		Acrolein	0.009	0.009	0.009	0.009	0.010	0.010	0.009#	9.18
10)	CPM	1,1-Dichloroethene	0.197	0.225	0.229	0.244	0.237	0.237	0.230	7.09
11)		Methyl iodide	0.608	0.653	0.692	0.829	0.689	0.812	0.725	11.76
12)		1,1,2-Trichloro-1,2	0.648	0.677	0.709	0.755	0.746	0.727	0.711	5.32
13)		Methyl acetate	0.121	0.099	0.100	0.093	0.085	0.092	0.098	11.78
14)		Acrylonitrile	0.022	0.024	0.023	0.024	0.023	0.024	0.023#	3.63
15)		Methylene chloride		0.355	0.328	0.295	0.283	0.282	0.303	10.47
16)		Carbon disulfide	0.687	0.738	0.726	0.808	0.772	0.787	0.755	5.42
17)		trans-1,2-Dichloroe	0.314	0.302	0.324	0.339	0.326	0.325	0.322	3.55
18)		Methyl tert-Butyl e	0.445	0.473	0.472	0.467	0.451	0.458	0.459	2.48
19)	P	1,1-Dichloroethane	0.565	0.606	0.623	0.647	0.620	0.636	0.618	4.26
20)		Vinyl acetate	0.277	0.250	0.252	0.229	0.259	0.262	0.259	7.30
21)		2-Butanone	0.057	0.047	0.045	0.049	0.050	0.051	0.050#	7.55
22)		cis-1,2-Dichloroeth	0.335	0.346	0.350	0.372	0.355	0.345	0.349	3.57
23)		Bromochloromethane	0.216	0.225	0.214	0.213	0.204	0.210	0.211	4.33
24)	CP	Chloroform	0.797	0.829	0.863	0.878	0.849	0.832	0.838	3.26
25)		2,2-Dichloropropane	0.564	0.524	0.557	0.594	0.606	0.599	0.577	5.22
26)		Cyclohexane	0.337	0.334	0.353	0.370	0.351	0.344	0.347	3.57
27)	S	Dibromofluoromethan	0.753	0.827	0.808	0.830	0.786	0.793	0.795	3.64
28)	S	1,2-Dichloroethane-	0.314	0.322	0.322	0.320	0.304	0.299	0.311	3.63
29)		1,2-Dichloroethane	0.357	0.379	0.383	0.387	0.376	0.377	0.376	2.59
30)		1,1,1-Trichloroetha	0.672	0.697	0.733	0.777	0.764	0.767	0.738	5.38
31)		1,1-Dichloropropene	0.458	0.451	0.476	0.510	0.498	0.494	0.483	4.49
32)		Carbon tetrachlorid	0.714	0.712	0.760	0.826	0.800	0.815	0.775	6.09
33)	M	Benzene	0.772	0.788	0.771	0.820	0.825	0.813	0.799	2.77
34)	M	Trichloroethene	0.432	0.464	0.490	0.519	0.491	0.491	0.480	5.70
35)		Dibromomethane	0.330	0.357	0.370	0.378	0.363	0.364	0.360	4.23
36)		Methylcyclohexane	0.280	0.317	0.336	0.392	0.375	0.380	0.351	11.82
37)	CP	1,2-Dichloropropane	0.285	0.348	0.338	0.337	0.317	0.321	0.324	6.33
38)		Bromodichloromethan	0.780	0.848	0.906	0.960	0.926	0.953	0.899	7.14
39)		2-Chloroethylvinyl	0.082	0.097	0.092	0.106	0.105	0.106	0.099	9.07
40)		4-Methyl-2-pentanon	0.159	0.178	0.180	0.190	0.188	0.189	0.181	5.98
41)		cis-1,3-Dichloropro	0.442	0.496	0.510	0.557	0.538	0.553	0.520	7.87
42)	S	Toluene-d8	0.784	0.815	0.838	0.918	0.902	0.903	0.863	5.90
43)	CPM	Toluene	0.487	0.523	0.557	0.584	0.564	0.559	0.549	6.01

6-25-07

(#) = Out of Range ### Number of calibration levels exceeded format ##

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:47:48 2007
Response via : Initial Calibration

Calibration Files
0.5 =M1124.D 1.0 =M1125.D 2.0 =M1126.D
10 =M1127.D 20 =M1128.D 30 =M1129.D

		Compound	0.5	1.0	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.319	0.360	0.371	0.399	0.409	0.425	0.386	9.90
45)		1,1,2-Trichloroetha	0.217	0.241	0.249	0.250	0.235	0.239	0.239	4.57
46)		2-Hexanone	0.085	0.085	0.094	0.099	0.101	0.103	0.096	8.43
47)	I	Chlorobenzene-d5	----------	ISTD	----------					
48)		1,2-Dibromoethane	0.718	0.751	0.770	0.771	0.827	0.816	0.779	4.91
49)		1,3-Dichloropropane	0.653	0.674	0.712	0.690	0.732	0.721	0.701	4.21
50)		Dibromochloromethan	1.153	1.228	1.200	1.247	1.299	1.294	1.249	4.82
51)		Tetrachloroethene	0.969	0.985	1.010	1.012	1.039	1.014	1.006	2.27
52)		1-Chlorohexane	0.588	0.616	0.634	0.677	0.725	0.709	0.664	7.86
53)		1,1,1,2-Tetrachloro	0.841	0.818	0.850	0.824	0.862	0.834	0.840	1.87
54)	PM	Chlorobenzene	1.318	1.379	1.384	1.344	1.350	1.286	1.332	3.39
55)	CP	Ethylbenzene	1.717	1.933	2.056	1.865	1.855	1.774	1.851	6.29
56)		(m+p)-Xylene	0.675	0.685	0.697	0.672	0.692	0.685	0.683	1.38
57)		o-Xylene	0.670	0.669	0.718	0.689	0.741	0.742	0.708	4.44
58)		Styrene	1.117	1.183	1.184	1.184	1.260	1.227	1.195	3.73
59)	P	Bromoform	0.581	0.617	0.651	0.696	0.778	0.784	0.698	12.09
60)	S	Bromofluorobenzene	1.438	1.467	1.436	1.349	1.404	1.362	1.407	3.02
61)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
62)		trans-1,4-Dichloro-		0.060	0.075	0.085	0.082	0.084	0.079	13.60
63)	P	1,1,2,2-Tetrachloro	0.755	0.863	0.852	0.867	0.852	0.851	0.847	5.04
64)		Isopropylbenzene	2.286	2.476	2.501	2.602	2.560	2.550	2.503	4.16
65)		1,2,3-Trichloroprop	0.554	0.518	0.487	0.498	0.467	0.482	0.501	5.65
66)		Bromobenzene	0.975	0.996	1.010	1.023	0.971	0.967	0.984	2.73
67)		n-Propylbenzene	2.626	2.871	2.985	3.212	3.152	3.010	2.996	6.64
68)		2-Chlorotoluene	2.212	2.376	2.314	2.374	2.487	2.333	2.343	3.58
69)		4-Chlorotoluene	2.494	2.230	2.508	2.602	2.374	2.286	2.374	7.17
70)		1,3,5-Trimethylbenz	1.674	1.815	1.938	2.016	2.038	1.984	1.923	6.87
71)		tert-Butylbenzene	1.875	1.900	1.987	2.108	2.125	2.036	2.016	4.92
72)		1,2,4-Trimethylbenz	1.538	1.650	1.730	1.834	1.926	1.854	1.773	7.90
73)		sec-Butylbenzene	2.490	2.504	2.776	2.935	2.872	2.813	2.746	6.45
74)		1,3-Dichlorobenzene	1.502	1.595	1.664	1.669	1.633	1.599	1.606	3.57
75)		p-Isopropyltoluene	1.739	1.928	1.963	2.188	2.237	2.182	2.066	9.25
76)		1,4-Dichlorobenzene	1.369	1.486	1.497	1.551	1.515	1.504	1.487	3.82
77)		n-Butylbenzene	1.419	1.509	1.663	1.865	2.004	1.926	1.764	13.26
78)		1,2-Dichlorobenzene	1.364	1.427	1.461	1.518	1.466	1.448	1.443	3.31
79)		1,2-Dibromo-3-chlor	0.166	0.182	0.213	0.231	0.228	0.230	0.211	12.57
80)		1,2,4-Trichlorobenz	0.820	0.852	0.889	0.991	1.058	1.040	0.951	10.07
81)		Hexachlorobutadiene	0.844	0.779	0.836	0.884	0.845	0.830	0.835	3.74
82)		Naphthalene	0.615	0.650	0.698	0.728	0.857	0.858	0.749	13.58
83)		1,2,3-Trichlorobenz	0.720	0.763	0.811	0.891	0.964	0.929	0.859	11.01

(#) = Out of Range ### Number of calibration levels exceeded format #

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:54:14 2007
Response via : Initial Calibration

Calibration Files
40 =M1130.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.567		
3)	P	Chloromethane	0.176		
4)	CP	Vinyl chloride	0.195		
5)		Bromomethane	0.255		
6)		Chloroethane	0.119		
7)		Trichlorofluorometh	0.883		
8)		Acetone	0.025		
9)		Acrolein	0.010		
10)	CPM	1,1-Dichloroethene	0.243		
11)		Methyl iodide	0.789		
12)		1,1,2-Trichloro-1,2	0.714		
13)		Methyl acetate	0.093		
14)		Acrylonitrile	0.023		
15)		Methylene chloride	0.275		
16)		Carbon disulfide	0.767		
17)		trans-1,2-Dichloroe	0.323		
18)		Methyl tert-Butyl e	0.449		
19)	P	1,1-Dichloroethane	0.626		
20)		Vinyl acetate	0.287		
21)		2-Butanone	0.048		
22)		cis-1,2-Dichloroeth	0.337		
23)		Bromochloromethane	0.196		
24)	CP	Chloroform	0.820		
25)		2,2-Dichloropropane	0.598		
26)		Cyclohexane	0.341		
27)	S	Dibromofluoromethan	0.768		
28)	S	1,2-Dichloroethane-	0.296		
29)		1,2-Dichloroethane	0.372		
30)		1,1,1-Trichloroetha	0.754		
31)		1,1-Dichloropropene	0.490		
32)		Carbon tetrachlorid	0.800		
33)	M	Benzene	0.803		
34)	M	Trichloroethene	0.474		
35)		Dibromomethane	0.355		
36)		Methylcyclohexane	0.381		
37)	CP	1,2-Dichloropropane	0.324		
38)		Bromodichloromethan	0.921		
39)		2-Chloroethylvinyl	0.105		
40)		4-Methyl-2-pentanon	0.186		
41)		cis-1,3-Dichloropro	0.542		
42)	S	Toluene-d8	0.880		
43)	CPM	Toluene	0.568		

(#) = Out of Range ### Number of calibration levels exceeded format #

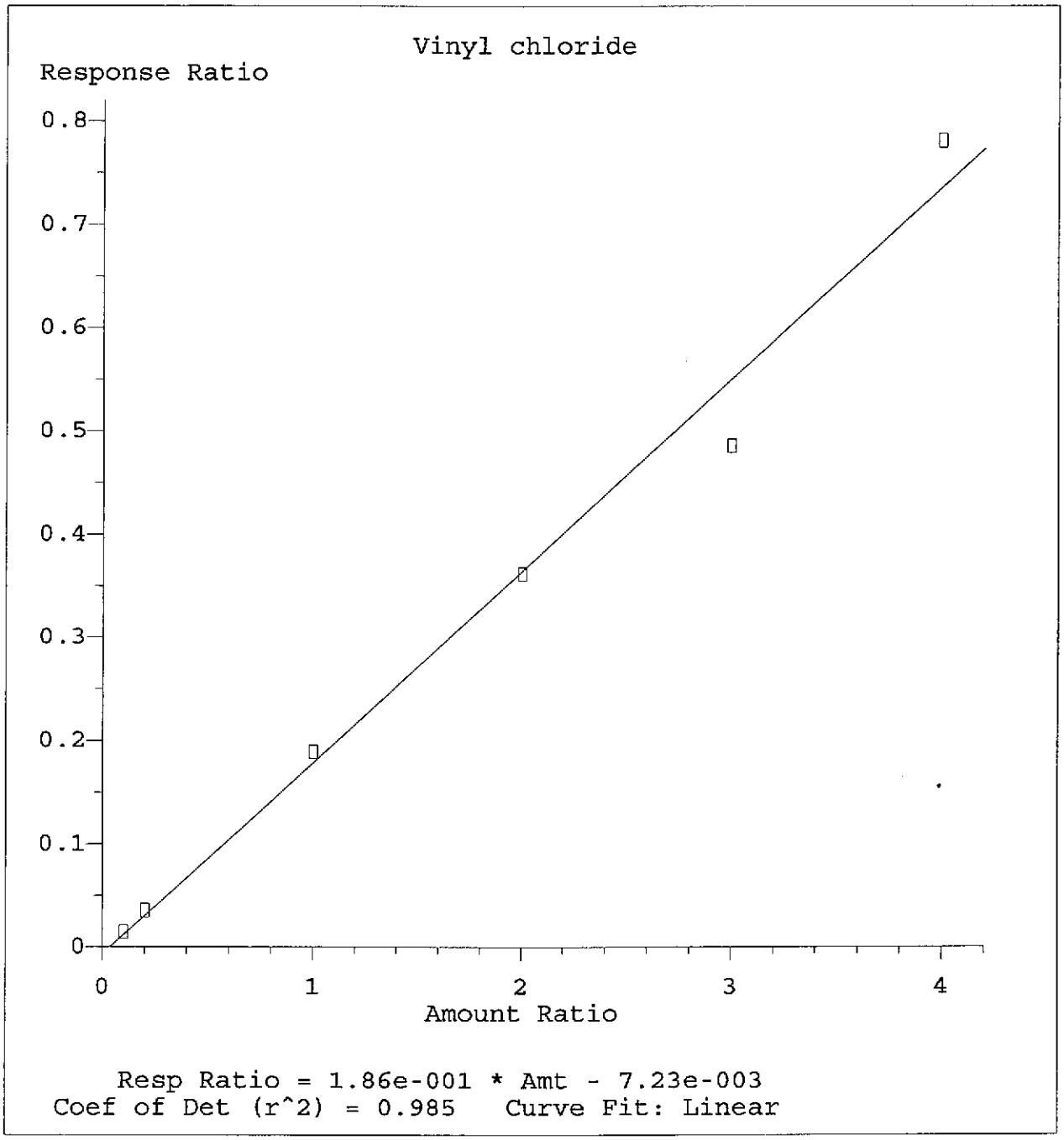
Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:54:14 2007
Response via : Initial Calibration

Calibration Files
40 =M1130.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.419	0.419	0.00
45)		1,1,2-Trichloroetha	0.238	0.238	0.00
46)		2-Hexanone	0.104	0.104	0.00
47)	I	Chlorobenzene-d5	----------ISTD----------		
48)		1,2-Dibromoethane	0.800		
49)		1,3-Dichloropropane	0.724		
50)		Dibromochloromethan	1.321		
51)		Tetrachloroethene	1.016		
52)		1-Chlorohexane	0.702		
53)		1,1,1,2-Tetrachloro	0.851		
54)	PM	Chlorobenzene	1.265		
55)	CP	Ethylbenzene	1.760		
56)		(m+p)-Xylene	0.676		
57)		o-Xylene	0.726		
58)		Styrene	1.208		
59)	P	Bromoform	0.779		
60)	S	Bromofluorobenzene	1.393		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.089		
63)	P	1,1,2,2-Tetrachloro	0.888		
64)		Isopropylbenzene	2.548		
65)		1,2,3-Trichloroprop	0.497		
66)		Bromobenzene	0.946		
67)		n-Propylbenzene	3.114		
68)		2-Chlorotoluene	2.306		
69)		4-Chlorotoluene	2.126		
70)		1,3,5-Trimethylbenz	1.996		
71)		tert-Butylbenzene	2.081		
72)		1,2,4-Trimethylbenz	1.883		
73)		sec-Butylbenzene	2.830		
74)		1,3-Dichlorobenzene	1.581		
75)		p-Isopropyltoluene	2.223		
76)		1,4-Dichlorobenzene	1.486		
77)		n-Butylbenzene	1.963		
78)		1,2-Dichlorobenzene	1.418		
79)		1,2-Dibromo-3-chlor	0.229		
80)		1,2,4-Trichlorobenz	1.008		
81)		Hexachlorobutadiene	0.825		
82)		Naphthalene	0.836		
83)		1,2,3-Trichlorobenz	0.935		

(#) = Out of Range ### Number of calibration levels exceeded format #



Method Name: C:\HPCHEM\1\METHODS\M625VOCW.M
Calibration Table Last Updated: Tue Jun 26 09:35:59 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 25JUN07

Initial Calibration ID: 990

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 11:43:01 2007
Response via : Continuing Calibration

ICAL# 990

Calibration Files
2.0 =J3391.D 5.0 =J3392.D 20 =J3393.D
50 =J3394.D 100 =J3395.D 150 =J3396.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.206	0.201	0.201	0.177	0.203	0.213	0.201	5.51
3)	P	Chloromethane	0.242	0.224	0.223	0.186	0.193	0.206	0.210	9.78
4)	CP	Vinyl chloride	0.227	0.237	0.251	0.228	0.260	0.277	0.250	8.04
5)		Bromomethane	0.229	0.228	0.219	0.193	0.190	0.215	0.212	7.28
6)		Chloroethane	0.105	0.093	0.092	0.079	0.079	0.085	0.087	11.43
7)		Trichlorofluorometh	0.306	0.302	0.306	0.257	0.262	0.262	0.276	10.31
8)		Acetone	0.098	0.111	0.098	0.073	0.100	0.108	0.101	14.41
9)		Acrolein	0.038	0.048	0.055	0.044	0.060	0.065	0.054	19.94
10)	CPM	1,1-Dichloroethene	0.176	0.172	0.187	0.183	0.187	0.220	0.192	9.91
11)		Methyl iodide	0.095	0.102	0.134	0.159	0.184	0.214	0.157	31.29
12)		1,1,2-Trichloro-1,2	0.198	0.223	0.229	0.227	0.223	0.253	0.228	7.68
13)		Methyl acetate	0.175	0.205	0.216	0.171	0.224	0.262	0.218	17.63
14)		Acrylonitrile	0.079	0.101	0.110	0.087	0.116	0.126	0.107	17.69
15)		Methylene chloride	0.347	0.401	0.295	0.241	0.245	0.270	0.295	19.85
16)		Carbon disulfide	0.698	0.718	0.781	0.707	0.786	0.850	0.763	7.47
17)		trans-1,2-Dichloroe	0.200	0.215	0.235	0.226	0.234	0.268	0.236	11.04
18)		Methyl tert-Butyl e	0.571	0.658	0.685	0.607	0.720	0.818	0.695	13.55
19)	P	1,1-Dichloroethane	0.375	0.414	0.437	0.392	0.420	0.472	0.427	8.91
20)		Vinyl acetate	0.224	0.306	0.361	0.314	0.411	0.426	0.353	21.49
21)		2-Butanone	0.106	0.139	0.144	0.112	0.154	0.169	0.143	19.13
22)		cis-1,2-Dichloroeth	0.227	0.250	0.278	0.257	0.271	0.310	0.273	11.88
23)		Bromochloromethane	0.110	0.117	0.126	0.115	0.125	0.145	0.127	12.00
24)	CP	Chloroform	0.368	0.422	0.426	0.385	0.415	0.467	0.422	8.90
25)		2,2-Dichloropropane	0.265	0.295	0.325	0.319	0.336	0.392	0.332	14.17
26)		Cyclohexane	0.333	0.387	0.406	0.386	0.409	0.467	0.407	11.45
27)	S	Dibromofluoromethan	0.197	0.206	0.211	0.195	0.210	0.242	0.215	9.72
28)	S	1,2-Dichloroethane-	0.279	0.250	0.259	0.222	0.260	0.287	0.264	9.34
29)		1,2-Dichloroethane	0.260	0.296	0.307	0.268	0.316	0.347	0.307	11.70
30)		1,1,1-Trichloroetha	0.274	0.300	0.324	0.321	0.343	0.405	0.339	14.79
31)		1,1-Dichloropropene	0.265	0.302	0.323	0.307	0.317	0.365	0.320	10.70
32)		Carbon tetrachlorid	0.167	0.176	0.190	0.209	0.214	0.269	0.214	19.95
33)	M	Benzene	1.016	1.066	1.128	1.016	1.056	1.128	1.066	4.38
34)	M	Trichloroethene	0.245	0.263	0.265	0.252	0.261	0.310	0.273	10.34
35)		Dibromomethane	0.124	0.146	0.150	0.135	0.154	0.179	0.153	14.12
36)		Methylcyclohexane	0.399	0.436	0.456	0.449	0.437	0.501	0.452	7.42
37)	CP	1,2-Dichloropropane	0.208	0.248	0.257	0.229	0.256	0.297	0.256	13.17
38)		Bromodichloromethan	0.217	0.246	0.268	0.261	0.301	0.352	0.287	18.87
39)		2-Chloroethylvinyl	0.018	0.020	0.034	0.037	0.058	0.070	0.045	53.37
40)		4-Methyl-2-pentanon	0.188	0.260	0.273	0.221	0.304	0.324	0.272	19.81
41)		cis-1,3-Dichloropro	0.276	0.334	0.380	0.361	0.415	0.477	0.390	19.54
42)	S	Toluene-d8	0.863	0.870	0.905	0.832	0.837	0.918	0.870	3.67
43)	CPM	Toluene	0.654	0.914	0.742	0.636	0.642	0.725	0.717	13.44

ABM 6-25-07

(#) = Out of Range ### Number of calibration levels exceeded format ##

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 11:43:01 2007
Response via : Continuing Calibration

Calibration Files
2.0 =J3391.D 5.0 =J3392.D 20 =J3393.D
50 =J3394.D 100 =J3395.D 150 =J3396.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.229	0.294	0.330	0.315	0.375	0.433	0.345	22.11
45)		1,1,2-Trichloroetha	0.162	0.193	0.199	0.179	0.204	0.231	0.201	13.37
46)		2-Hexanone	0.126	0.179	0.196	0.162	0.234	0.250	0.201	24.85
47)		1,2-Dibromoethane	0.162	0.205	0.217	0.186	0.233	0.269	0.221	18.84
48)	I	Chlorobenzene-d5	----------	ISTD	----------					
49)		1,3-Dichloropropane	0.929	1.052	1.095	1.049	1.119	1.218	1.097	9.32
50)		Dibromochloromethan	0.319	0.404	0.475	0.535	0.591	0.700	0.537	28.11
51)		Tetrachloroethene	0.572	0.572	0.608	0.662	0.597	0.693	0.627	8.35
52)		1-Chlorohexane	0.698	0.772	0.840	0.840	0.825	0.929	0.830	9.36
53)		1,1,1,2-Tetrachloro	0.379	0.432	0.505	0.493	0.566	0.666	0.533	21.56
54)	PM	Chlorobenzene	1.879	1.868	1.884	1.727	1.783	1.965	1.856	4.20
55)	CP	Ethylbenzene	2.904	3.077	3.177	2.951	2.930	3.035	2.970	4.94
56)		(m+p)-Xylene	0.890	0.964	1.050	1.002	1.031	1.142	1.026	8.29
57)		o-Xylene	0.804	0.898	0.996	0.983	1.030	1.163	1.007	13.28
58)		Styrene	1.144	1.430	1.670	1.626	1.743	1.939	1.634	16.82
59)	P	Bromoform	0.188	0.206	0.258	0.282	0.366	0.456	0.320	36.68
60)	S	Bromofluorobenzene	0.959	0.693	0.743	0.693	0.722	0.826	0.781	12.44
61)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
62)		trans-1,4-Dichloro-	0.124	0.159	0.199	0.202	0.265	0.305	0.225	32.89
63)	P	1,1,2,2-Tetrachloro	1.226	1.274	1.310	1.220	1.377	1.465	1.337	8.12
64)		Isopropylbenzene	3.529	4.060	4.431	3.966	3.976	4.117	3.968	7.36
65)		1,2,3-Trichloroprop	1.065	1.194	1.166	0.994	1.162	1.258	1.161	8.84
66)		Bromobenzene	0.893	0.964	1.035	0.929	1.013	1.144	1.023	10.56
67)		n-Propylbenzene	4.043	4.599	4.894	4.456	4.444	4.567	4.434	6.97
68)		2-Chlorotoluene	2.785	2.996	3.193	2.847	2.928	3.207	3.005	5.46
69)		4-Chlorotoluene	2.231	2.629	2.741	2.474	2.537	2.764	2.570	7.07
70)		1,3,5-Trimethylbenz	2.256	2.645	2.894	2.660	2.658	2.995	2.708	8.92
71)		tert-Butylbenzene	2.051	2.486	2.733	2.517	2.608	2.900	2.575	10.54
72)		1,2,4-Trimethylbenz	2.125	2.471	2.656	2.454	2.470	2.740	2.499	7.87
73)		sec-Butylbenzene	3.371	3.955	4.245	3.957	3.879	4.097	3.877	7.52
74)		1,3-Dichlorobenzene	1.510	1.656	1.741	1.567	1.634	1.799	1.668	6.41
75)		p-Isopropyltoluene	2.281	2.688	2.998	2.865	2.818	3.114	2.803	9.53
76)		1,4-Dichlorobenzene	1.674	1.681	1.679	1.554	1.582	1.761	1.666	4.49
77)		n-Butylbenzene	2.323	2.556	2.683	2.539	2.334	2.595	2.486	5.71
78)		1,2-Dichlorobenzene	1.427	1.510	1.587	1.483	1.587	1.736	1.579	7.45
79)		1,2-Dibromo-3-chlor	0.103	0.106	0.125	0.126	0.154	0.173	0.139	23.08
80)		1,2,4-Trichlorobenz	0.681	0.623	0.626	0.659	0.634	0.690	0.659	4.83
81)		Hexachlorobutadiene	0.429	0.409	0.431	0.459	0.449	0.493	0.453	7.73
82)		Naphthalene	1.340	1.548	1.547	1.359	1.535	1.664	1.519	8.27
83)		1,2,3-Trichlorobenz	0.550	0.580	0.588	0.557	0.596	0.662	0.601	8.08

(#) = Out of Range ### Number of calibration levels exceeded format

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:49:21 2007
Response via : Continuing Calibration

Calibration Files
200 =J3397.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD-----		
2)		Dichlorodifluoromet	0.202		
3)	P	Chloromethane	0.194		
4)	CP	Vinyl chloride	0.270		
5)		Bromomethane	0.211		
6)		Chloroethane	0.078		
7)		Trichlorofluorometh	0.235		
8)		Acetone	0.119		
9)		Acrolein	0.066		
10)	CPM	1,1-Dichloroethene	0.216		
11)		Methyl iodide	0.213		
12)		1,1,2-Trichloro-1,2	0.244		
13)		Methyl acetate	0.270		
14)		Acrylonitrile	0.129		
15)		Methylene chloride	0.268		
16)		Carbon disulfide	0.805		
17)		trans-1,2-Dichloroe	0.270		
18)		Methyl tert-Butyl e	0.809		
19)	P	1,1-Dichloroethane	0.476		
20)		Vinyl acetate	0.426		
21)		2-Butanone	0.180		
22)		cis-1,2-Dichloroeth	0.318		
23)		Bromochloromethane	0.150		
24)	CP	Chloroform	0.468		
25)		2,2-Dichloropropane	0.393		
26)		Cyclohexane	0.463		
27)	S	Dibromofluoromethan	0.247		
28)	S	1,2-Dichloroethane-	0.293		
29)		1,2-Dichloroethane	0.354		
30)		1,1,1-Trichloroetha	0.405		
31)		1,1-Dichloropropene	0.359		
32)		Carbon tetrachlorid	0.275		
33)	M	Benzene	1.049		
34)	M	Trichloroethene	0.316		
35)		Dibromomethane	0.183		
36)		Methylcyclohexane	0.485		
37)	CP	1,2-Dichloropropane	0.301		
38)		Bromodichloromethan	0.361		
39)		2-Chloroethylvinyl	0.079		
40)		4-Methyl-2-pentanon	0.334		
41)		cis-1,3-Dichloropro	0.488		
42)	S	Toluene-d8	0.866		
43)	CPM	Toluene	0.705		

(#) = Out of Range ### Number of calibration levels exceeded format ##:

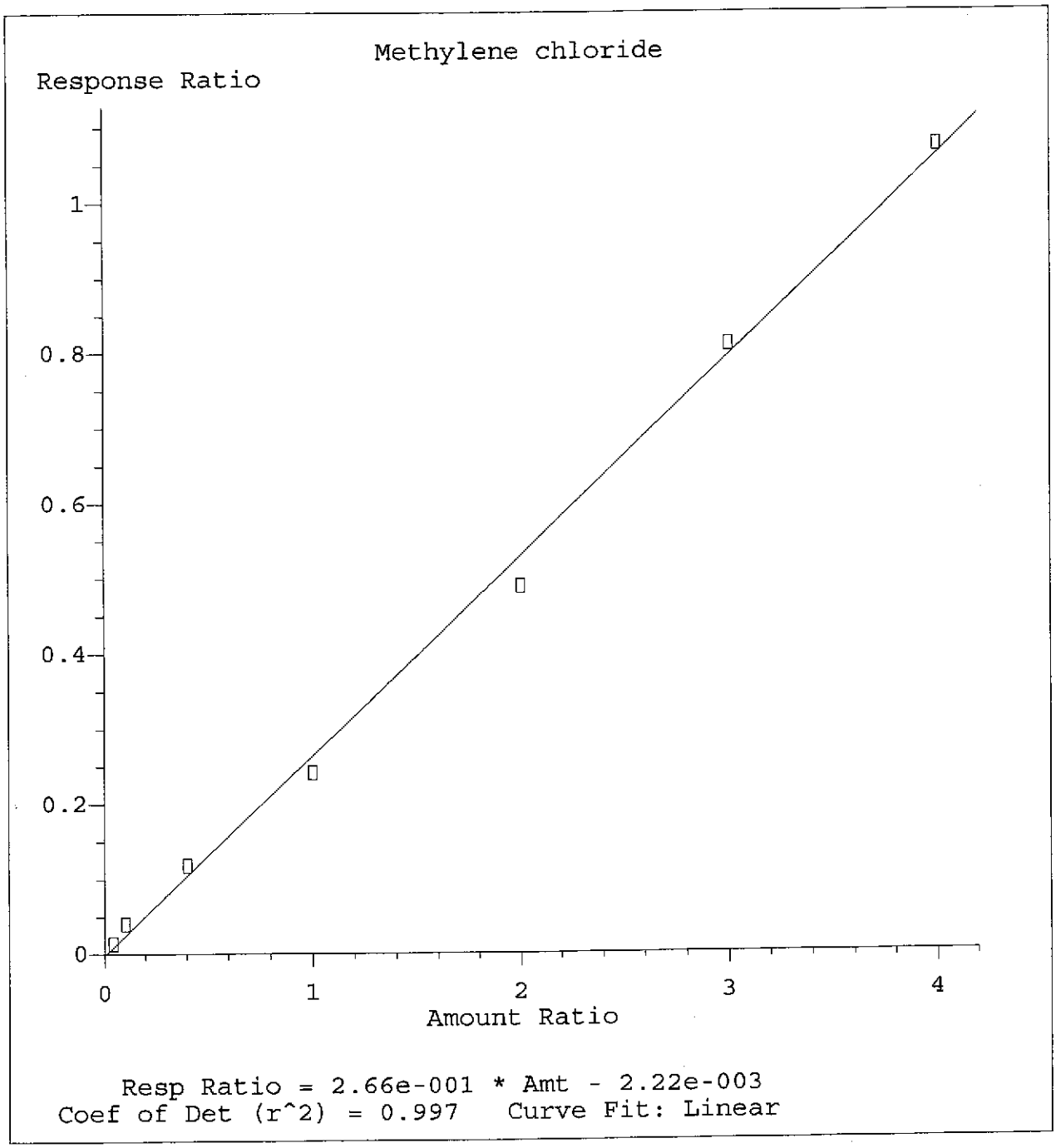
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:49:21 2007
Response via : Continuing Calibration

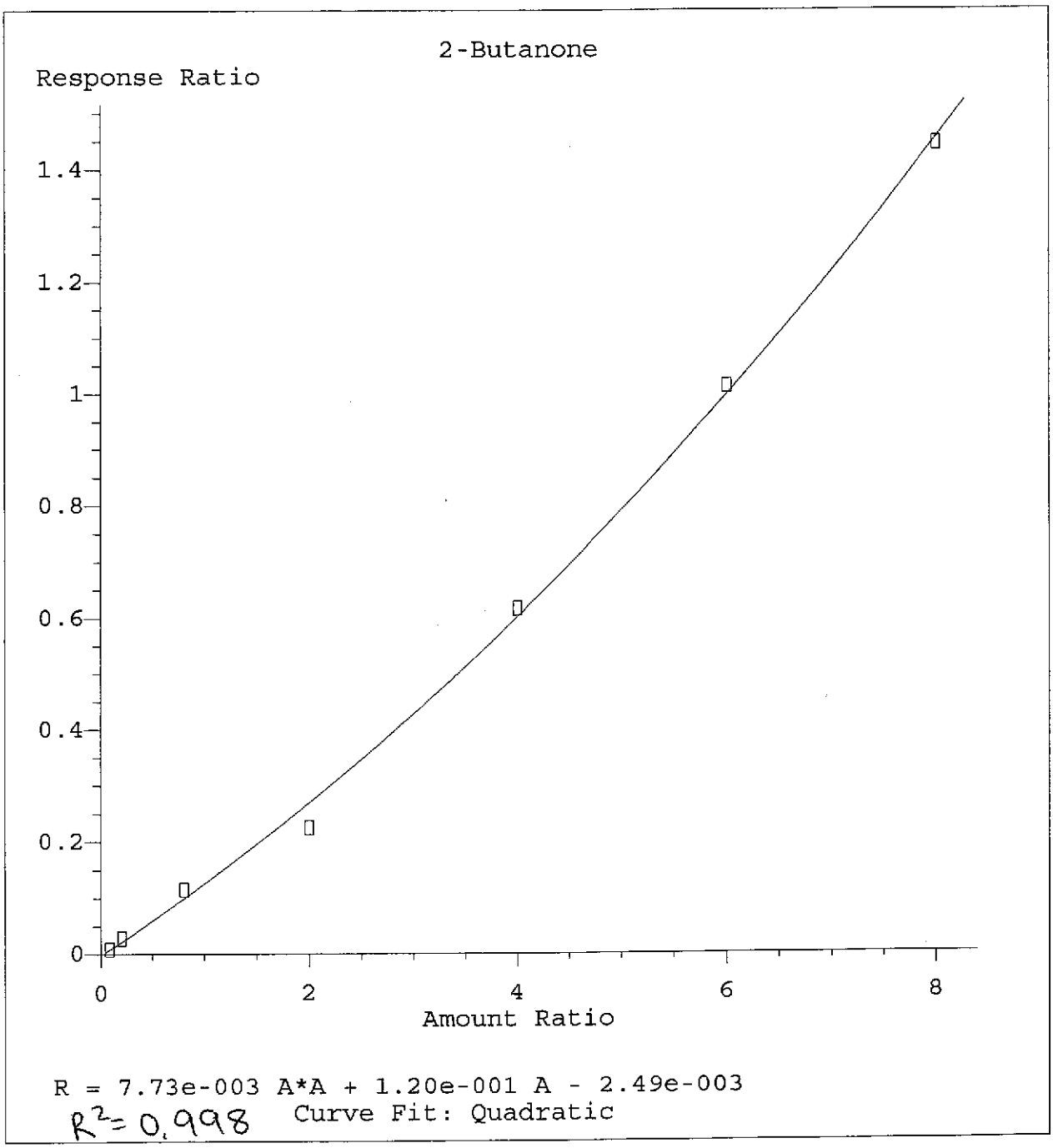
Calibration Files
200 =J3397.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.440		
45)		1,1,2-Trichloroetha	0.238		
46)		2-Hexanone	0.264		
47)		1,2-Dibromoethane	0.276		
48)	I	Chlorobenzene-d5	----------ISTD----		
49)		1,3-Dichloropropane	1.220		
50)		Dibromochloromethan	0.732		
51)		Tetrachloroethene	0.688		
52)		1-Chlorohexane	0.902		
53)		1,1,1,2-Tetrachloro	0.687		
54)	PM	Chlorobenzene	1.890		
55)	CP	Ethylbenzene	2.717		
56)		(m+p)-Xylene	1.105		
57)		o-Xylene	1.176		
58)		Styrene	1.890		
59)	P	Bromoform	0.483		
60)	S	Bromofluorobenzene	0.830		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----		
62)		trans-1,4-Dichloro-	0.320		
63)	P	1,1,2,2-Tetrachloro	1.486		
64)		Isopropylbenzene	3.697		
65)		1,2,3-Trichloroprop	1.286		
66)		Bromobenzene	1.184		
67)		n-Propylbenzene	4.031		
68)		2-Chlorotoluene	3.082		
69)		4-Chlorotoluene	2.616		
70)		1,3,5-Trimethylbenz	2.848		
71)		tert-Butylbenzene	2.734		
72)		1,2,4-Trimethylbenz	2.579		
73)		sec-Butylbenzene	3.635		
74)		1,3-Dichlorobenzene	1.766		
75)		p-Isopropyltoluene	2.856		
76)		1,4-Dichlorobenzene	1.732		
77)		n-Butylbenzene	2.372		
78)		1,2-Dichlorobenzene	1.725		
79)		1,2-Dibromo-3-chlor	0.184		
80)		1,2,4-Trichlorobenz	0.700		
81)		Hexachlorobutadiene	0.505		
82)		Naphthalene	1.637		
83)		1,2,3-Trichlorobenz	0.673		

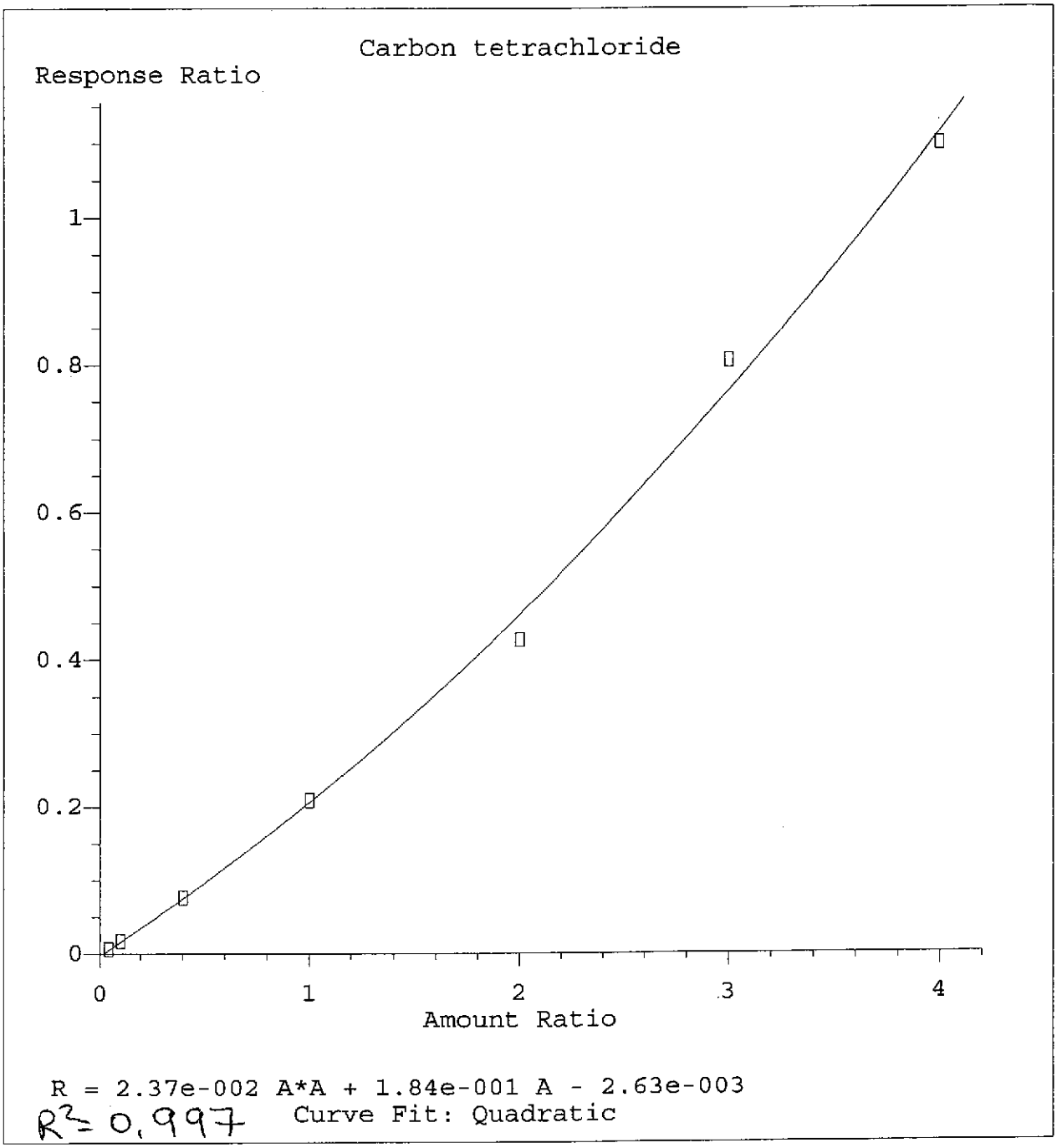
(#) = Out of Range ### Number of calibration levels exceeded format ##



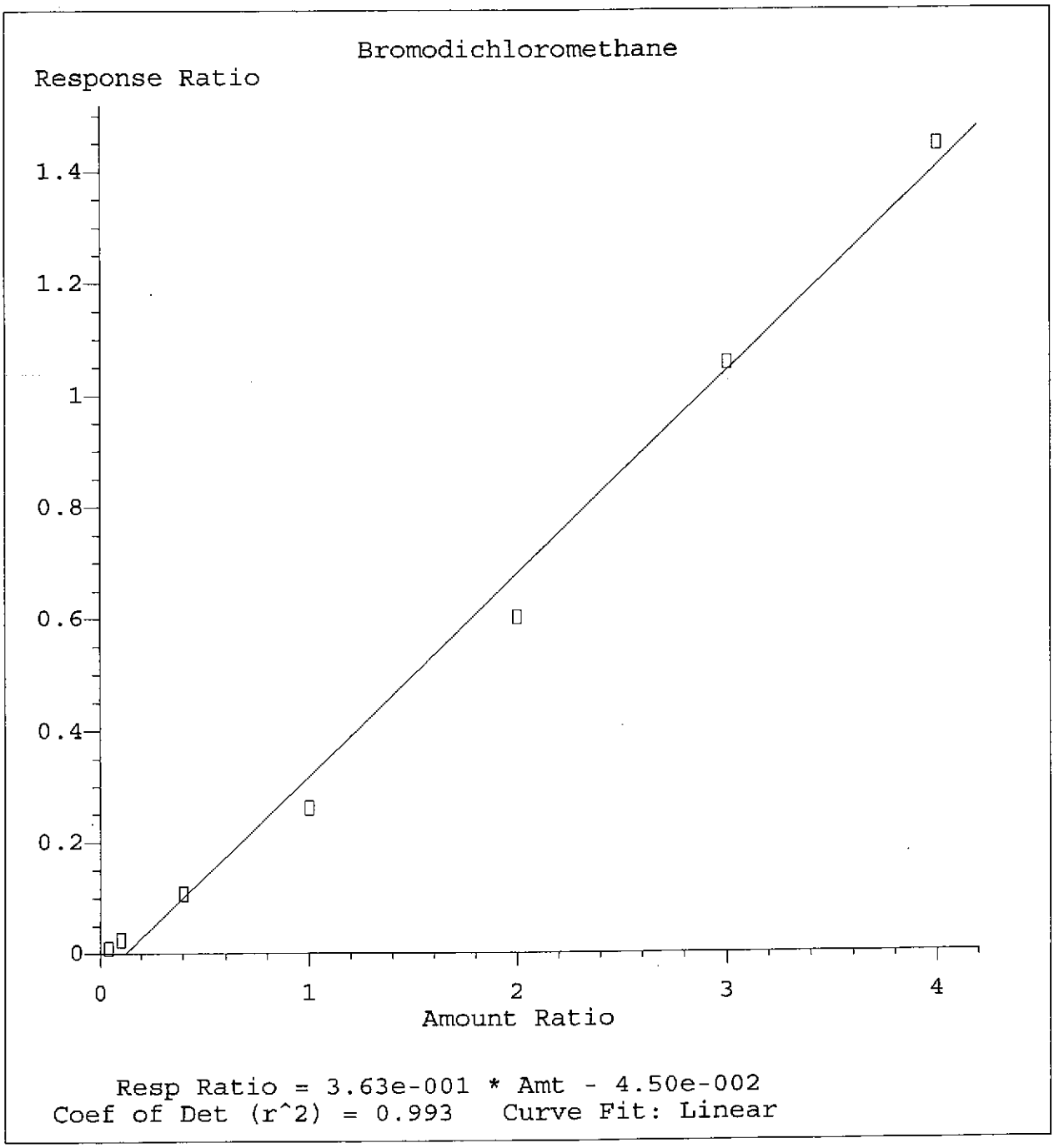
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:50:16 2007



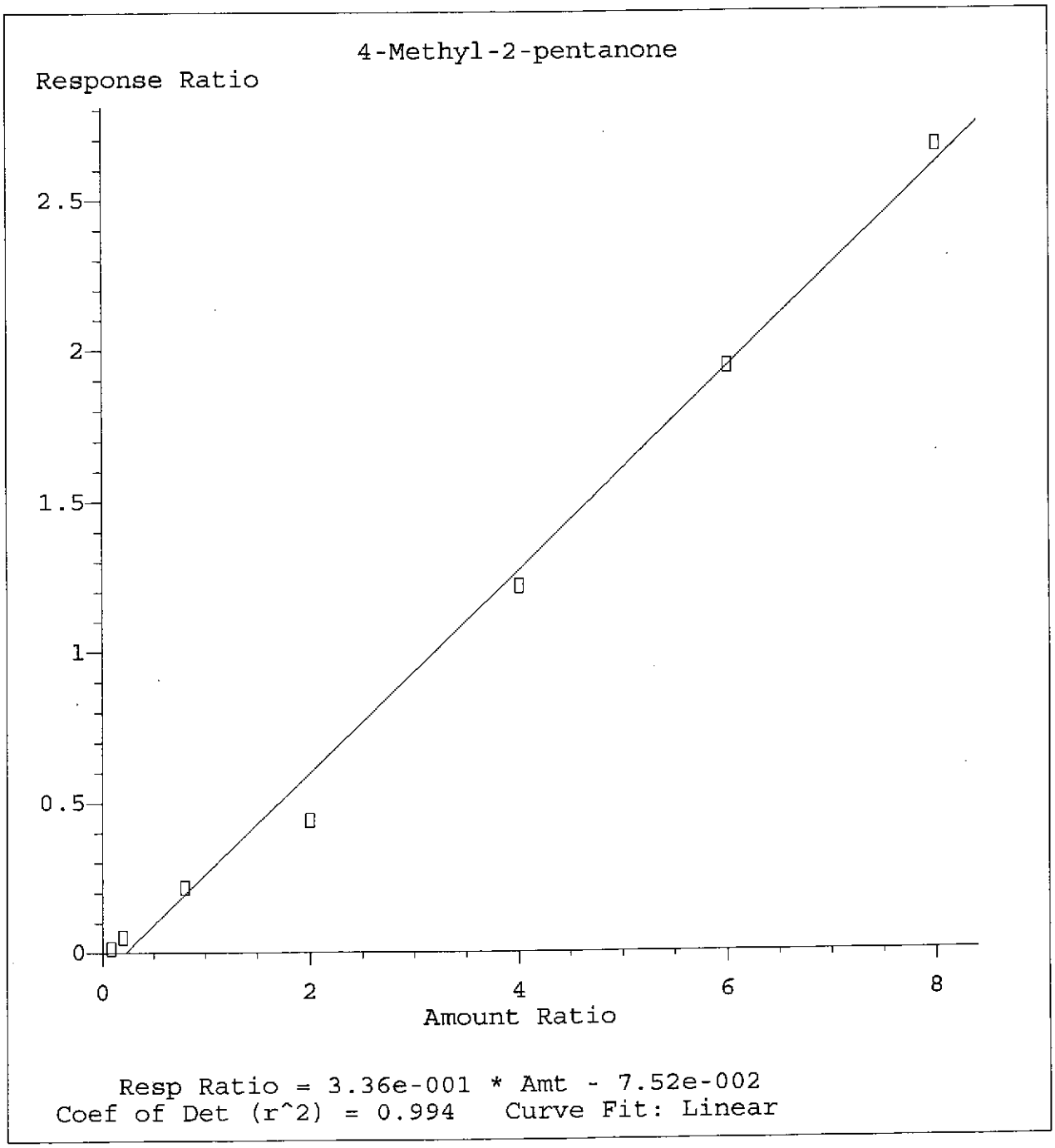
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:53:42 2007



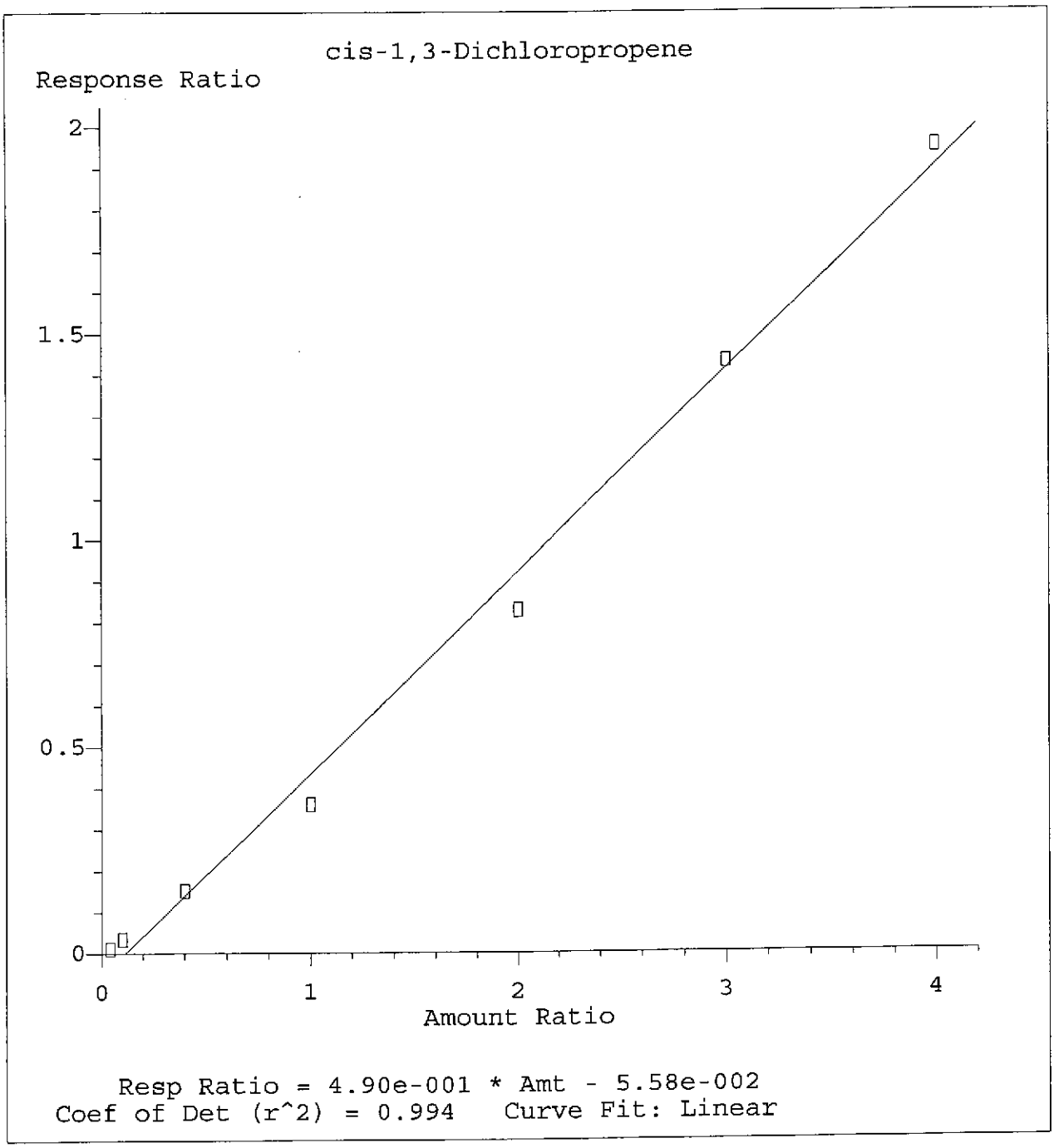
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:54:09 2007



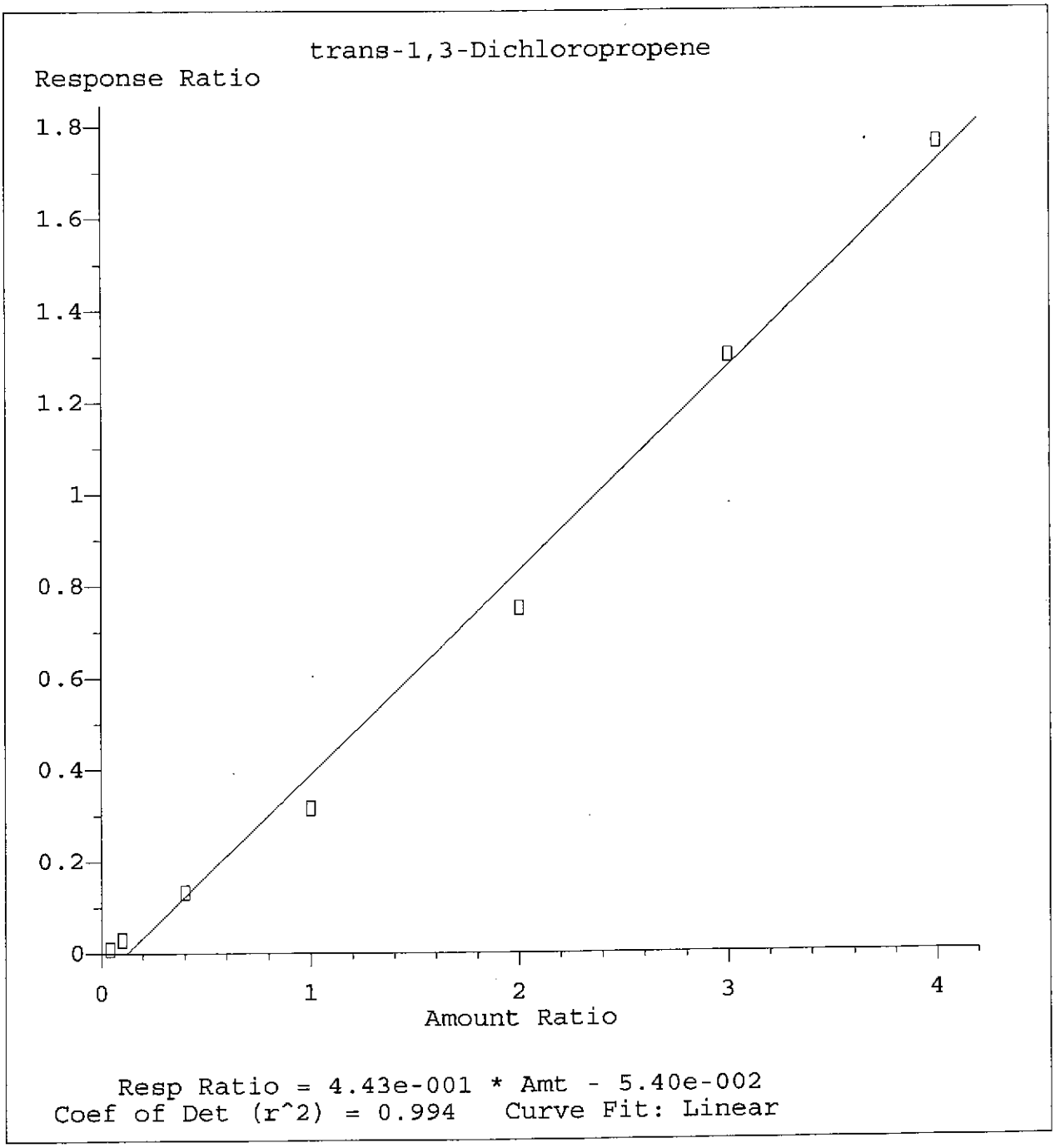
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Calibration Table Last Updated: Mon Jun 25 12:54:53 2007



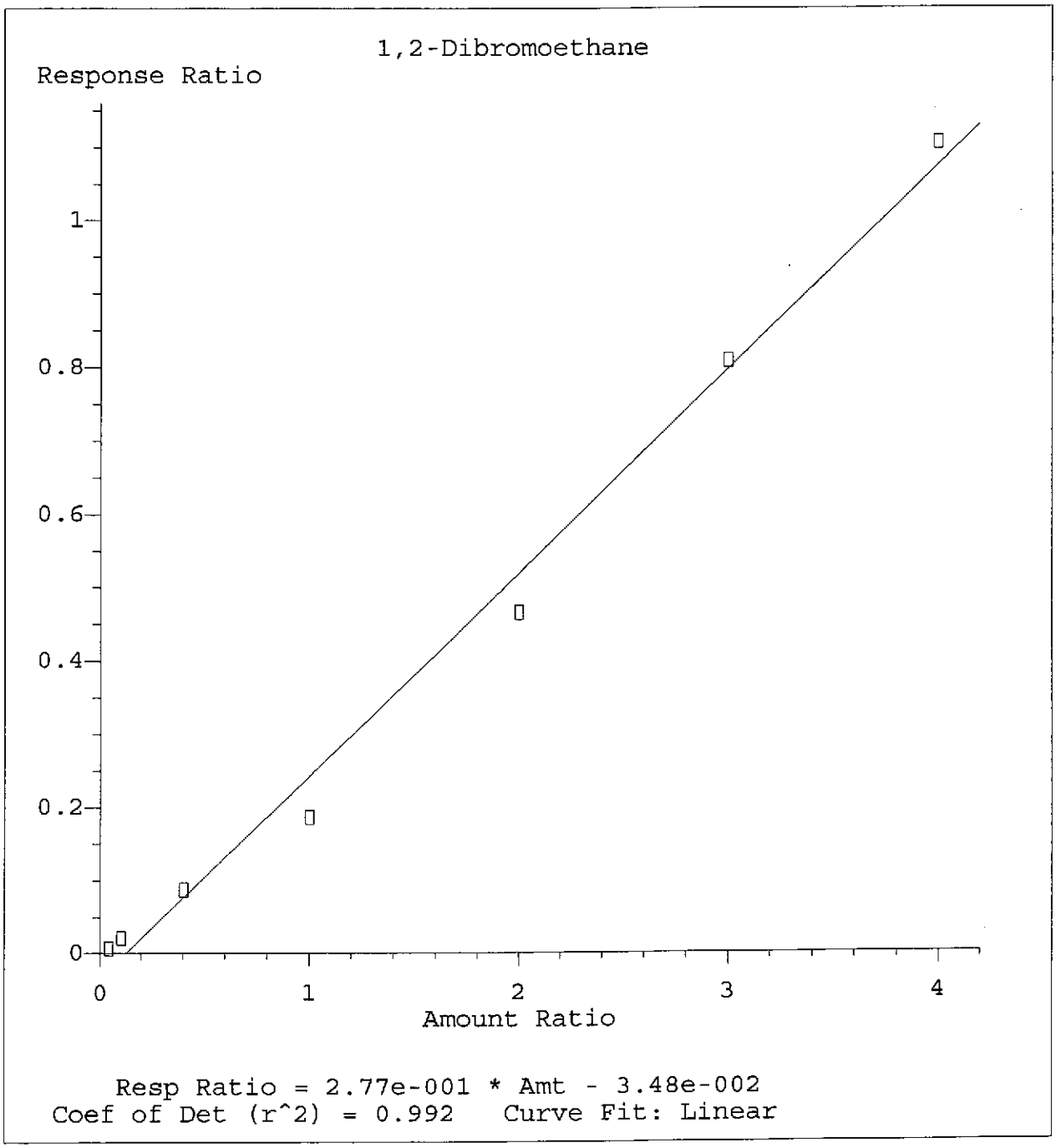
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:56:18 2007



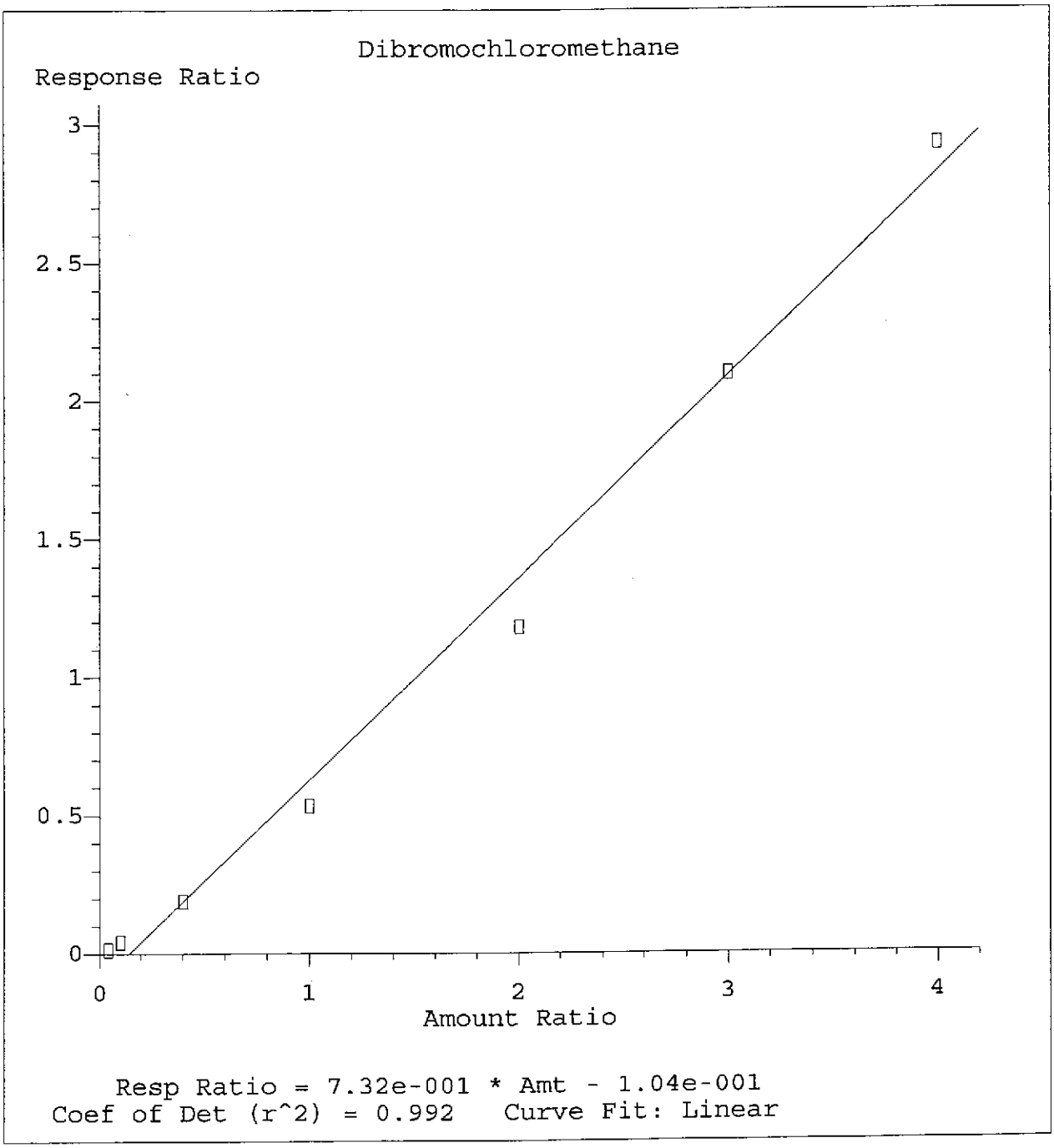
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:56:37 2007



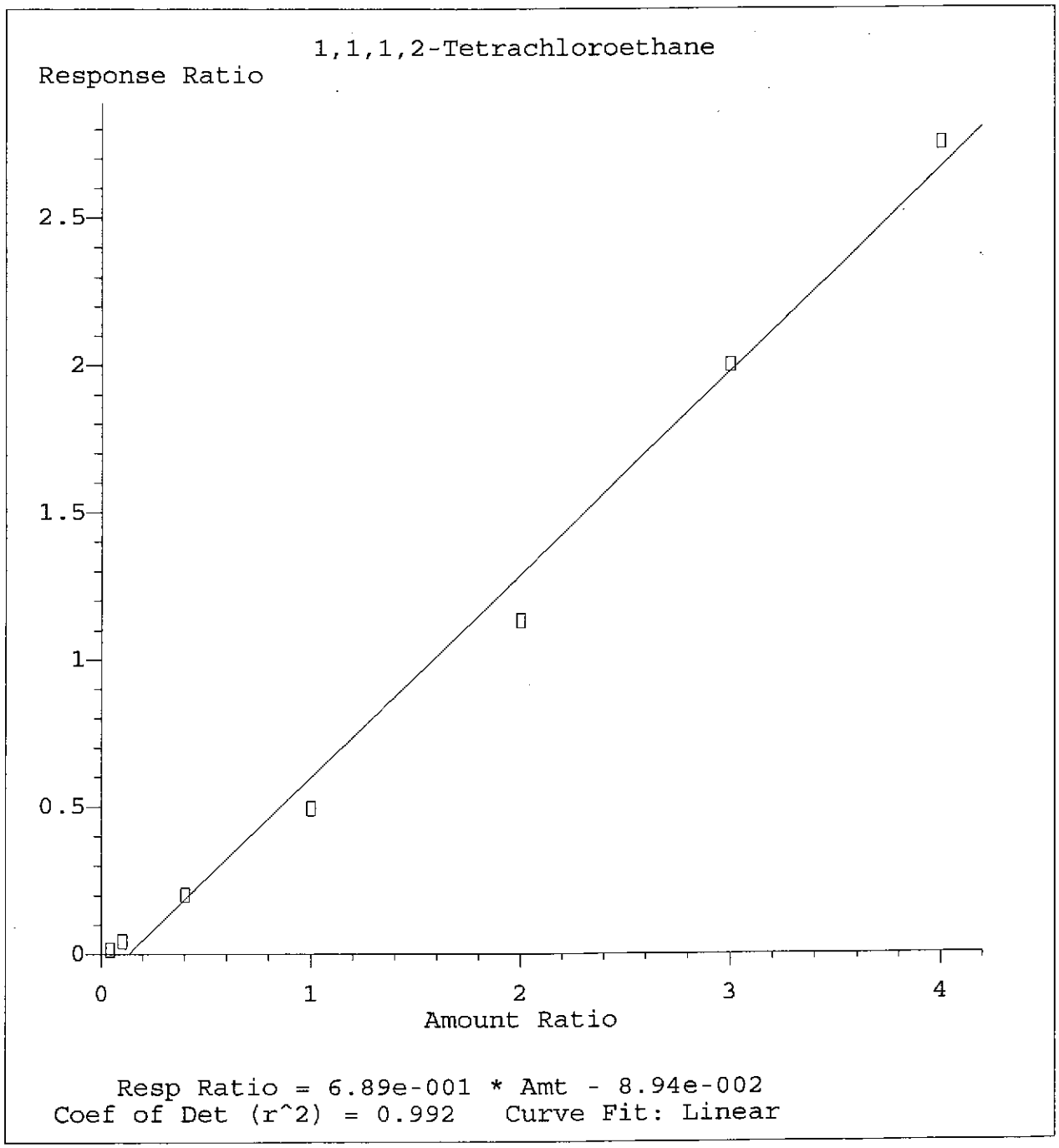
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:56:47 2007



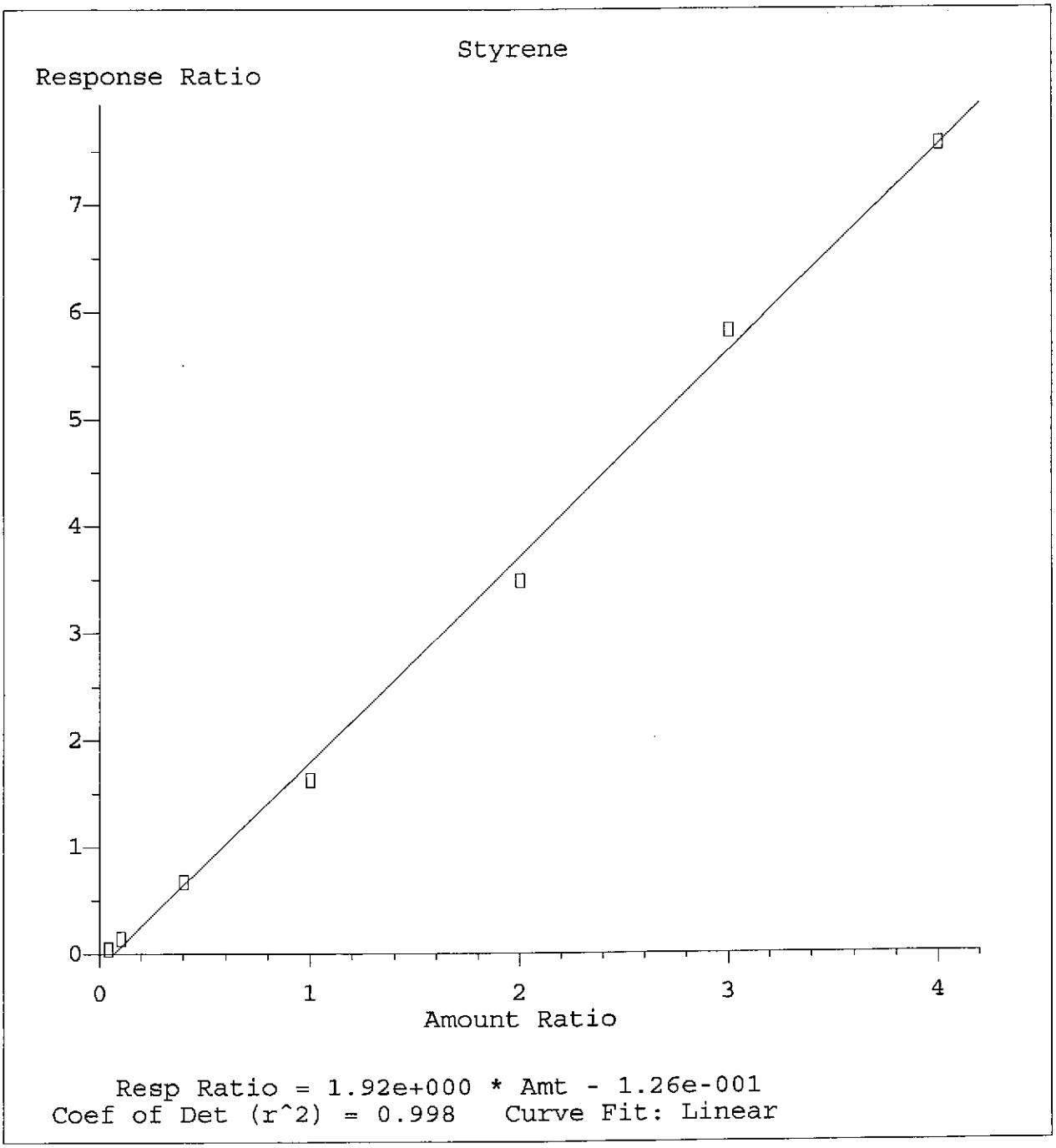
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:57:37 2007



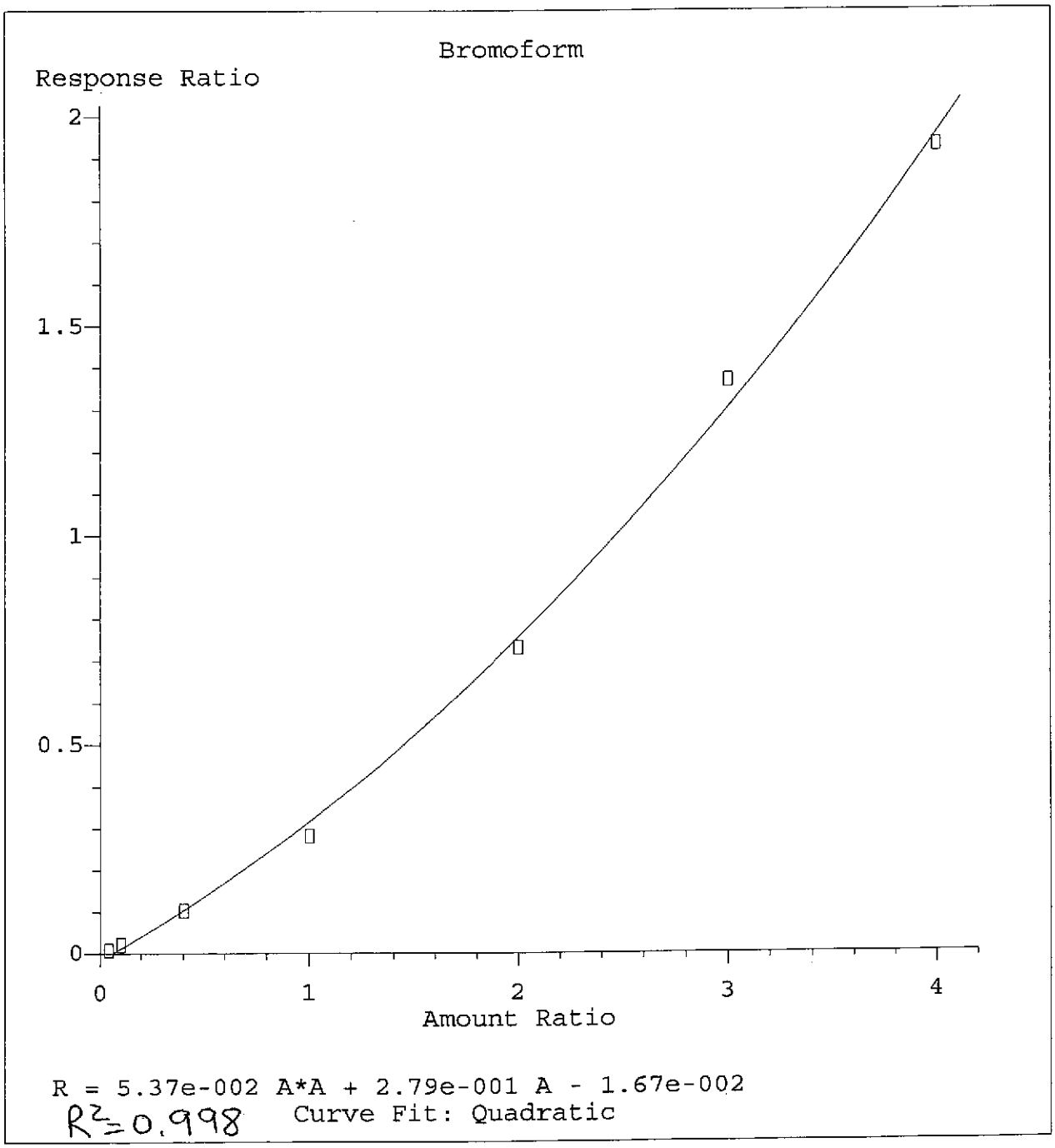
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:06 2007



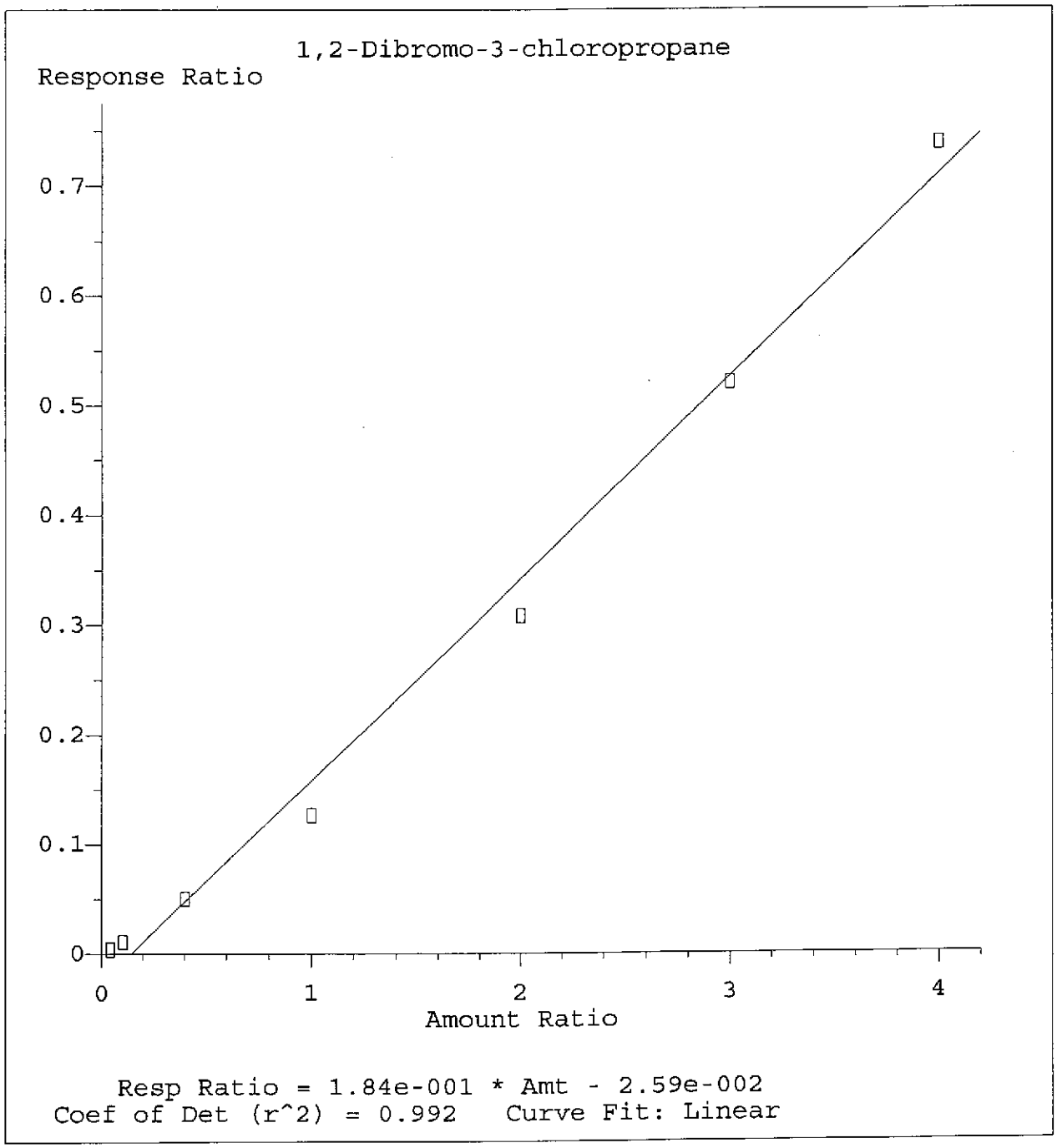
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:22 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:42 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:59:02 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 13:00:02 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9583
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	963
Second Source ID:	ICV-9583	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	100	-2.1	
1,1,1,2-Tetrachloroethane	50	46	8.3	
1,1,1-Trichloroethane	50	44	11.2	
1,1,2,2-Tetrachloroethane	50	44	11.4	
1,1,2-Trichloroethane	50	45	9.5	
1,1-Dichloroethane	50	43	13.7	
1,1-Dichloroethene	50	47	5.9	
1,1-Dichloropropene	50	44	13.0	
1,2,3-Trichlorobenzene	50	47	6.2	
1,2,3-Trichloropropane	50	42	15.3	
1,2,4-Trichlorobenzene	50	43	13.7	
1,2,4-Trimethylbenzene	50	47	6.6	
1,2-Dibromo-3-chloropropane	50	44	11.8	
1,2-Dibromoethane	50	46	7.9	
1,2-Dichlorobenzene	50	47	6.4	
1,2-Dichloroethane	50	43	14.7	
1,2-Dichloroethane-d4	50	46	7.8	
1,2-Dichloropropane	50	44	12.1	
1,3,5-Trimethylbenzene	50	47	5.9	
1,3-Dichlorobenzene	50	46	8.0	
1,3-Dichloropropane	50	48	3.4	
1,4-Dichlorobenzene	50	45	10.4	
1-Chlorohexane	50	45	10.3	
2,2-Dichloropropane	50	43	14.1	
2-Butanone	100	82	17.6	
2-Chlorotoluene	50	46	8.3	
4-Bromofluorobenzene	50	50	-0.1	
4-Chlorotoluene	50	46	8.2	
4-Methyl-2-pentanone	100	77	22.7	
Acetone	100	87	13.3	
Benzene	50	43	13.1	
Bromobenzene	50	48	3.1	
Bromochloromethane	50	50	0.8	
Bromodichloromethane	50	46	7.4	
Bromoform	50	51	-2.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9583
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	963
Second Source ID:	ICV-9583	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	52	-4.7	
Carbon tetrachloride	50	41	17.6	
Chlorobenzene	50	50	-0.8	
Chloroethane	50	45	9.3	
Chloroform	50	45	10.4	
Chloromethane	50	48	3.7	
cis-1,2-Dichloroethene	50	47	5.5	
cis-1,3-Dichloropropene	50	45	10.3	
Dibromochloromethane	50	44	11.0	
Dibromofluoromethane	50	54	-8.0	
Dibromomethane	50	46	8.4	
Dichlorodifluoromethane	50	45	9.3	
Ethylbenzene	50	44	12.2	
Hexachlorobutadiene	50	39	21.4	
Isopropylbenzene	50	43	13.4	
Methyl tert-butyl ether	50	49	2.8	
Methylene chloride	50	47	6.8	
n-Butylbenzene	50	39	21.2	
n-Propylbenzene	50	40	20.2	
Naphthalene	50	55	-10.7	
o-Xylene	50	46	8.4	
p-Isopropyltoluene	50	38	23.1	
sec-Butylbenzene	50	40	20.2	
Styrene	50	47	6.7	
tert-Butylbenzene	50	50	0.1	
Tetrachloroethene	50	45	9.7	
Toluene	50	47	6.6	
Toluene-d8	50	56	-11.9	
trans-1,2-Dichloroethene	50	47	6.1	
trans-1,3-Dichloropropene	50	44	11.8	
Trichloroethene	50	44	11.3	
Trichlorofluoromethane	50	38	24.2	
Vinyl chloride	50	50	0.5	
Xylenes (total)	150	150	1.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	18.7	6.4	
1,1,1,2-Tetrachloroethane	10	11	-10.3	
1,1,1-Trichloroethane	10	9.08	9.2	
1,1,2,2-Tetrachloroethane	10	8.83	11.7	
1,1,2-Trichloroethane	10	9.85	1.5	
1,1-Dichloroethane	10	9.48	5.2	
1,1-Dichloroethene	10	10.1	-1.2	
1,1-Dichloropropene	10	8.81	11.9	
1,2,3-Trichlorobenzene	10	9.16	8.4	
1,2,3-Trichloropropane	10	9.13	8.7	
1,2,4-Trichlorobenzene	10	9	10	
1,2,4-Trimethylbenzene	10	8.95	10.5	
1,2-Dibromo-3-chloropropane	10	8.48	15.2	
1,2-Dibromoethane	10	9.16	8.4	
1,2-Dichlorobenzene	10	9.91	0.9	
1,2-Dichloroethane	10	9.57	4.3	
1,2-Dichloroethane-d4	10	9.49	5.1	
1,2-Dichloropropane	10	9.38	6.2	
1,3,5-Trimethylbenzene	10	9.11	8.9	
1,3-Dichlorobenzene	10	9.95	0.5	
1,3-Dichloropropane	10	10.2	-1.6	
1,4-Dichlorobenzene	10	9.65	3.5	
1-Chlorohexane	10	9.19	8.1	
2,2-Dichloropropane	10	8.82	11.8	
2-Butanone	20	16.8	16.2	
2-Chlorotoluene	10	8.93	10.7	
4-Bromofluorobenzene	10	9.84	1.6	
4-Chlorotoluene	10	8.8	12.0	
4-Methyl-2-pentanone	20	15.9	20.6	
Acetone	20	19.4	3.0	
Benzene	10	9.94	0.6	
Bromobenzene	10	10.2	-1.8	
Bromochloromethane	10	10	-0.2	
Bromodichloromethane	10	9.78	2.2	
Bromoform	10	11.2	-12.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	8.95	10.5	
Carbon tetrachloride	10	9.32	6.8	
Chlorobenzene	10	10	-0.4	
Chloroethane	10	8.8	12.0	
Chloroform	10	9.71	2.9	
Chloromethane	10	8.53	14.7	
cis-1,2-Dichloroethene	10	9.95	0.5	
cis-1,3-Dichloropropene	10	8.89	11.1	
Dibromochloromethane	10	10.8	-8.2	
Dibromofluoromethane	10	10.3	-2.7	
Dibromomethane	10	9.83	1.7	
Dichlorodifluoromethane	10	8.28	17.2	
Ethylbenzene	10	10.4	-3.7	
Hexachlorobutadiene	10	9.33	6.7	
Isopropylbenzene	10	9.24	7.6	
Methyl tert-butyl ether	10	9.45	5.5	
Methylene chloride	10	9.28	7.2	
n-Butylbenzene	10	8.53	14.7	
n-Propylbenzene	10	8.93	10.7	
Naphthalene	10	9.72	2.8	
o-Xylene	10	9.28	7.2	
p-Isopropyltoluene	10	8.91	10.9	
sec-Butylbenzene	10	9.16	8.4	
Styrene	10	8.87	11.3	
tert-Butylbenzene	10	9.1	9.0	
Tetrachloroethene	10	10.7	-6.8	
Toluene	10	9.16	8.4	
Toluene-d8	10	9.96	0.4	
trans-1,2-Dichloroethene	10	9.82	1.8	
trans-1,3-Dichloropropene	10	8.86	11.4	
Trichloroethene	10	10.4	-3.8	
Trichlorofluoromethane	10	9.12	8.8	
Vinyl chloride	10	8.77	12.3	
Xylenes (total)	30	28	6.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	21.8	-9.3	
1,1,1,2-Tetrachloroethane	10	10.3	-2.8	
1,1,1-Trichloroethane	10	10.4	-3.6	
1,1,2,2-Tetrachloroethane	10	9.95	0.5	
1,1,2-Trichloroethane	10	10.2	-1.8	
1,1-Dichloroethane	10	10	-0.4	
1,1-Dichloroethene	10	11	-9.6	
1,1-Dichloropropene	10	10.6	-5.6	
1,2,3-Trichlorobenzene	10	9.5	5.0	
1,2,3-Trichloropropane	10	9.89	1.1	
1,2,4-Trichlorobenzene	10	9.48	5.2	
1,2,4-Trimethylbenzene	10	10.6	-5.7	
1,2-Dibromo-3-chloropropane	10	9.8	2.0	
1,2-Dibromoethane	10	10.4	-3.9	
1,2-Dichlorobenzene	10	10.3	-3.4	
1,2-Dichloroethane	10	9.56	4.4	
1,2-Dichloroethane-d4	10	9.23	7.7	
1,2-Dichloropropane	10	10.2	-2.0	
1,3,5-Trimethylbenzene	10	10.6	-6.4	
1,3-Dichlorobenzene	10	10.6	-5.5	
1,3-Dichloropropane	10	10.3	-2.7	
1,4-Dichlorobenzene	10	10.3	-2.7	
1-Chlorohexane	10	10.5	-5.4	
2,2-Dichloropropane	10	10.3	-3.1	
2-Butanone	20	21.6	-8.0	
2-Chlorotoluene	10	10.4	-3.6	
4-Bromofluorobenzene	10	9.72	2.8	
4-Chlorotoluene	10	10.5	-5.0	
4-Methyl-2-pentanone	20	20.6	-2.8	
Acetone	20	23	-14.8	
Benzene	10	10.5	-4.9	
Bromobenzene	10	10.3	-3.1	
Bromochloromethane	10	10	-0.1	
Bromodichloromethane	10	9.56	4.4	
Bromoform	10	9.14	8.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	10.1	-1.0	
Carbon tetrachloride	10	10.2	-2.5	
Chlorobenzene	10	10.7	-6.6	
Chloroethane	10	11	-10	
Chloroform	10	9.86	1.4	
Chloromethane	10	11.3	-13.3	
cis-1,2-Dichloroethene	10	10.4	-3.9	
cis-1,3-Dichloropropene	10	10.3	-2.6	
Dibromochloromethane	10	9.95	0.5	
Dibromofluoromethane	10	9.89	1.1	
Dibromomethane	10	9.66	3.4	
Dichlorodifluoromethane	10	11.9	-18.9	
Ethylbenzene	10	10.8	-7.7	
Hexachlorobutadiene	10	9.54	4.6	
Isopropylbenzene	10	10.8	-7.7	
Methyl tert-butyl ether	10	10.4	-3.9	
Methylene chloride	10	10.2	-2.4	
n-Butylbenzene	10	10.1	-0.7	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.96	0.4	
o-Xylene	10	10.6	-6.1	
p-Isopropyltoluene	10	11	-9.6	
sec-Butylbenzene	10	11	-10.5	
Styrene	10	9.83	1.7	
tert-Butylbenzene	10	10.5	-4.8	
Tetrachloroethene	10	10.6	-5.5	
Toluene	10	10.6	-6.4	
Toluene-d8	10	10.6	-6.2	
trans-1,2-Dichloroethene	10	10.5	-4.9	
trans-1,3-Dichloropropene	10	10.3	-3.3	
Trichloroethene	10	9.9	1.0	
Trichlorofluoromethane	10	10.2	-1.5	
Vinyl chloride	10	11.3	-13.0	
Xylenes (total)	30	32.5	-8.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10068
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	990
Second Source ID:	ICV-10069	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	95	4.6	
1,1,1,2-Tetrachloroethane	50	42	16.0	
1,1,1-Trichloroethane	50	48	4.5	
1,1,2,2-Tetrachloroethane	50	45	9.1	
1,1,2-Trichloroethane	50	44	12.6	
1,1-Dichloroethane	50	46	7.4	
1,1-Dichloroethene	50	49	2.5	
1,1-Dichloropropene	50	49	2.8	
1,2,3-Trichlorobenzene	50	52	-3.8	
1,2,3-Trichloropropane	50	42	16.7	
1,2,4-Trichlorobenzene	50	55	-10.1	
1,2,4-Trimethylbenzene	50	47	5.9	
1,2-Dibromo-3-chloropropane	50	51	-2.7	
1,2-Dibromoethane	50	42	15.1	
1,2-Dichlorobenzene	50	46	8.6	
1,2-Dichloroethane	50	45	9.5	
1,2-Dichloroethane-d4	50	48	4.8	
1,2-Dichloropropane	50	45	10.1	
1,3,5-Trimethylbenzene	50	47	6.1	
1,3-Dichlorobenzene	50	45	10	
1,3-Dichloropropane	50	44	11.8	
1,4-Dichlorobenzene	50	44	12.3	
1-Chlorohexane	50	50	0.8	
2,2-Dichloropropane	50	47	5.1	
2-Butanone	100	100	0.4	
2-Chlorotoluene	50	45	9.1	
4-Bromofluorobenzene	50	47	5.2	
4-Chlorotoluene	50	46	8.3	
4-Methyl-2-pentanone	100	85	15.4	
Acetone	100	96	3.8	
Benzene	50	48	4.6	
Bromobenzene	50	44	11.9	
Bromochloromethane	50	45	9.4	
Bromodichloromethane	50	42	15.7	
Bromoform	50	44	11.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10068
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	990
Second Source ID:	ICV-10069	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	50	0.8	
Carbon tetrachloride	50	50	0.4	
Chlorobenzene	50	46	8.8	
Chloroethane	50	46	7.9	
Chloroform	50	46	8.0	
Chloromethane	50	50	0.6	
cis-1,2-Dichloroethene	50	47	7.0	
cis-1,3-Dichloropropene	50	43	14.5	
Dibromochloromethane	50	40	20.7	
Dibromofluoromethane	50	49	1.7	
Dibromomethane	50	45	10.8	
Dichlorodifluoromethane	50	57	-15.0	
Ethylbenzene	50	49	2.9	
Hexachlorobutadiene	50	51	-2.1	
Isopropylbenzene	50	48	3.7	
Methyl tert-butyl ether	50	47	7.0	
Methylene chloride	50	45	10.9	
n-Butylbenzene	50	47	5.6	
n-Propylbenzene	50	48	3.6	
Naphthalene	50	51	-1.7	
o-Xylene	50	47	5.9	
p-Isopropyltoluene	50	48	4.0	
sec-Butylbenzene	50	48	3.0	
Styrene	50	44	12.4	
tert-Butylbenzene	50	47	5.6	
Tetrachloroethene	50	47	5.4	
Toluene	50	44	12.2	
Toluene-d8	50	52	-4.5	
trans-1,2-Dichloroethene	50	48	4.8	
trans-1,3-Dichloropropene	50	41	17.1	
Trichloroethene	50	46	9.0	
Trichlorofluoromethane	50	48	4.6	
Vinyl chloride	50	49	1.7	
Xylenes (total)	150	140	5.0	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10081
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	992
Second Source ID:	ICV-10081	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	19.3	3.4	
1,1,1,2-Tetrachloroethane	10	9.66	3.4	
1,1,1-Trichloroethane	10	10.1	-1.0	
1,1,2,2-Tetrachloroethane	10	9.66	3.4	
1,1,2-Trichloroethane	10	9.75	2.5	
1,1-Dichloroethane	10	10	-0.2	
1,1-Dichloroethene	10	10.9	-9.2	
1,1-Dichloropropene	10	9.78	2.2	
1,2,3-Trichlorobenzene	10	9.9	1.0	
1,2,3-Trichloropropane	10	9.83	1.7	
1,2,4-Trichlorobenzene	10	10.1	-0.7	
1,2,4-Trimethylbenzene	10	9.67	3.3	
1,2-Dibromo-3-chloropropane	10	10	-0.5	
1,2-Dibromoethane	10	9.62	3.8	
1,2-Dichlorobenzene	10	9.87	1.3	
1,2-Dichloroethane	10	9.53	4.7	
1,2-Dichloroethane-d4	10	10.2	-1.5	
1,2-Dichloropropane	10	9.63	3.7	
1,3,5-Trimethylbenzene	10	9.88	1.2	
1,3-Dichlorobenzene	10	9.83	1.7	
1,3-Dichloropropane	10	9.57	4.3	
1,4-Dichlorobenzene	10	9.88	1.2	
1-Chlorohexane	10	10.1	-1.1	
2,2-Dichloropropane	10	9.87	1.3	
2-Butanone	20	21.3	-6.4	
2-Chlorotoluene	10	11	-9.5	
4-Bromofluorobenzene	10	9.49	5.1	
4-Chlorotoluene	10	8.67	13.3	
4-Methyl-2-pentanone	20	19.1	4.3	
Acetone	20	24.8	-24.1	
Benzene	10	9.95	0.5	
Bromobenzene	10	9.68	3.2	
Bromochloromethane	10	9.59	4.1	
Bromodichloromethane	10	9.94	0.6	
Bromoform	10	9.91	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10081
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	992
Second Source ID:	ICV-10081	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	11.2	-12.4	
Carbon tetrachloride	10	10.2	-1.5	
Chlorobenzene	10	9.33	6.7	
Chloroethane	10	10.8	-8.5	
Chloroform	10	9.82	1.8	
Chloromethane	10	10.8	-7.8	
cis-1,2-Dichloroethene	10	9.87	1.3	
cis-1,3-Dichloropropene	10	9.89	1.1	
Dibromochloromethane	10	9.5	5.0	
Dibromofluoromethane	10	10.1	-0.6	
Dibromomethane	10	9.79	2.1	
Dichlorodifluoromethane	10	13.5	-34.9	*
Ethylbenzene	10	9.96	0.4	
Hexachlorobutadiene	10	10.4	-3.5	
Isopropylbenzene	10	9.71	2.9	
Methyl tert-butyl ether	10	10	0	
Methylene chloride	10	9.3	7.0	
n-Butylbenzene	10	9.97	0.3	
n-Propylbenzene	10	10.2	-1.7	
Naphthalene	10	9.23	7.7	
o-Xylene	10	9.62	3.8	
p-Isopropyltoluene	10	10	0	
sec-Butylbenzene	10	9.97	0.3	
Styrene	10	9.69	3.1	
tert-Butylbenzene	10	9.86	1.4	
Tetrachloroethene	10	9.74	2.6	
Toluene	10	9.91	0.9	
Toluene-d8	10	10.2	-1.6	
trans-1,2-Dichloroethene	10	9.93	0.7	
trans-1,3-Dichloropropene	10	9.64	3.6	
Trichloroethene	10	9.95	0.5	
Trichlorofluoromethane	10	10.8	-7.6	
Vinyl chloride	10	12	-19.8	
Xylenes (total)	30	28.9	3.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 963

ICV ID: ICV-9583 CCV #1 ID: CCV-10015 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3279.D
Acq On : 20 Jun 2007 11:45
Sample : CCV-10015
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:16 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	87	0.00
2		Dichlorodifluoromethane	0.293	0.196	33.1#	72	0.00
3	P	Chloromethane	0.284	0.233	18.0	80	0.00
4	CP	Vinyl chloride	0.297	0.263	11.4	84	0.00
5		Bromomethane	0.216	0.193	10.6	97	0.00
6		Chloroethane	0.080	0.092	-15.0	113	0.00
7		Trichlorofluoromethane	0.274	0.320	-16.8	123	0.00
8		Acetone	0.119	0.098	17.6	86	0.00
9	CPM	1,1-Dichloroethene	0.190	0.173	8.9	96	0.00
10		Methylene chloride	0.337	0.238	29.4#	90	0.00
11		trans-1,2-Dichloroethene	0.238	0.218	8.4	85	0.00
12		Methyl tert-Butyl ether	0.668	0.658	1.5	90	0.00
13	P	1,1-Dichloroethane	0.427	0.428	-0.2	93	0.00
14		2-Butanone	0.233	0.147	36.9#	80	0.00
15		cis-1,2-Dichloroethene	0.269	0.253	5.9	89	0.00
16		Bromochloromethane	0.122	0.110	9.8	88	0.00
17	CP	Chloroform	0.413	0.405	1.9	92	0.00
18		2,2-Dichloropropane	0.294	0.317	-7.8	99	0.00
19	S	Dibromofluoromethane	0.206	0.195	5.3	91	0.00
20	S	1,2-Dichloroethane-d4	0.258	0.249	3.5	95	0.00
21		1,2-Dichloroethane	0.300	0.298	0.7	95	0.00
22		1,1,1-Trichloroethane	0.315	0.325	-3.2	95	0.00
23		1,1-Dichloropropene	0.315	0.309	1.9	92	0.00
24		Carbon tetrachloride	0.193	0.197	-2.1	97	0.00
25	M	Benzene	0.997	1.047	-5.0	90	0.00
26	M	Trichloroethene	0.261	0.243	6.9	89	0.00
27		Dibromomethane	0.150	0.142	5.3	91	0.00
28	CP	1,2-Dichloropropane	0.255	0.251	1.6	92	0.00
29		Bromodichloromethane	0.273	0.277	-1.5	95	0.00
30		4-Methyl-2-pentanone	0.269	0.275	-2.2	90	0.00
31		cis-1,3-Dichloropropene	0.365	0.373	-2.2	92	0.00
32	S	Toluene-d8	0.796	0.814	-2.3	90	0.00
33	CPM	Toluene	0.730	0.617	15.5	87	0.00
34		trans-1,3-Dichloropropene	0.312	0.326	-4.5	92	0.00
35		1,1,2-Trichloroethane	0.194	0.188	3.1	92	0.00
36		1,2-Dibromoethane	0.214	0.199	7.0	87	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
38		1,3-Dichloropropane	1.040	0.986	5.2	91	0.00
39		Dibromochloromethane	0.497	0.465	6.4	92	0.00
4		Tetrachloroethene	0.586	0.490	16.4	86	0.00

(#) = Out of Range

ABM 6-22-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3279.D
Acq On : 20 Jun 2007 11:45
Sample : CCV-10015
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:16 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.793	0.758	4.4	93	0.00
42		1,1,1,2-Tetrachloroethane	0.497	0.463	6.8	90	0.00
43	PM	Chlorobenzene	1.672	1.583	5.3	89	0.00
44	CP	Ethylbenzene	2.636	2.753	-4.4	90	0.00
45		(m+p)-Xylene	0.940	0.915	2.7	87	0.00
46		o-Xylene	0.971	0.902	7.1	87	0.00
47		Styrene	1.516	1.508	0.5	87	0.00
48	P	Bromoform	0.296	0.264	10.8	89	0.00
49	S	Bromofluorobenzene	0.779	0.652	16.3	87	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
51	P	1,1,2,2-Tetrachloroethane	1.379	1.393	-1.0	88	0.00
52		Isopropylbenzene	3.528	4.140	-17.3	89	0.00
53		1,2,3-Trichloropropane	1.158	1.131	2.3	88	0.00
[illegible]		Bromobenzene	0.969	0.927	4.3	86	0.00
[illegible]		n-Propylbenzene	3.967	4.639	-16.9	89	0.00
56		2-Chlorotoluene	2.851	3.034	-6.4	89	0.00
57		4-Chlorotoluene	2.463	2.586	-5.0	86	0.00
58		1,3,5-Trimethylbenzene	2.599	2.726	-4.9	85	0.00
59		tert-Butylbenzene	2.362	2.538	-7.5	85	0.00
60		1,2,4-Trimethylbenzene	2.395	2.506	-4.6	85	0.00
61		sec-Butylbenzene	3.441	3.972	-15.4	87	0.00
62		1,3-Dichlorobenzene	1.577	1.555	1.4	84	0.00
63		p-Isopropyltoluene	2.539	2.729	-7.5	84	0.00
64		1,4-Dichlorobenzene	1.549	1.517	2.1	84	0.00
65		n-Butylbenzene	2.309	2.465	-6.8	89	0.00
66		1,2-Dichlorobenzene	1.530	1.521	0.6	84	0.00
67		1,2-Dibromo-3-chloropropane	0.214	0.220	-2.8	89	0.00
68		1,2,4-Trichlorobenzene	0.825	0.779	5.6	84	0.00
69		Hexachlorobutadiene	0.485	0.443	8.7	84	0.00
70		Naphthalene	1.972	2.244	-13.8	96	0.00
71		1,2,3-Trichlorobenzene	0.769	0.746	3.0	88	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3279.D
Acq On : 20 Jun 2007 11:45
Sample : CCV-10015
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:16 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	87	0.00
2		Dichlorodifluoromethane	50.000	33.437	33.1#	72	0.00
3	P	Chloromethane	50.000	45.527	8.9	80	0.00
4	CP	Vinyl chloride	50.000	44.222	11.6	84	0.00
5		Bromomethane	50.000	49.305	1.4	97	0.00
6		Chloroethane	50.000	67.984	-36.0#	113	0.00
7		Trichlorofluoromethane	50.000	62.960	-25.9#	123	0.00
8		Acetone	100.000	96.325	3.7	86	0.00
9	CPM	1,1-Dichloroethene	50.000	45.394	9.2	96	0.00
10		Methylene chloride	50.000	45.106	9.8	90	0.00
11		trans-1,2-Dichloroethene	50.000	45.742	8.5	85	0.00
12		Methyl tert-Butyl ether	50.000	49.245	1.5	90	0.00
13	P	1,1-Dichloroethane	50.000	50.101	-0.2	93	0.00
14		2-Butanone	100.000	86.689	13.3	80	0.00
		cis-1,2-Dichloroethene	50.000	47.171	5.7	89	0.00
[illegible]		Bromochloromethane	50.000	45.374	9.3	88	0.00
17	CP	Chloroform	50.000	49.099	1.8	92	0.00
18		2,2-Dichloropropane	50.000	49.180	1.6	99	0.00
19	S	Dibromofluoromethane	50.000	47.320	5.4	91	0.00
20	S	1,2-Dichloroethane-d4	50.000	48.305	3.4	95	0.00
21		1,2-Dichloroethane	50.000	49.720	0.6	95	0.00
22		1,1,1-Trichloroethane	50.000	47.529	4.9	95	0.00
23		1,1-Dichloropropene	50.000	48.988	2.0	92	0.00
24		Carbon tetrachloride	50.000	45.228	9.5	97	0.00
25	M	Benzene	50.000	46.369	7.3	90	0.00
26	M	Trichloroethene	50.000	46.615	6.8	89	0.00
27		Dibromomethane	50.000	47.305	5.4	91	0.00
28	CP	1,2-Dichloropropane	50.000	49.243	1.5	92	0.00
29		Bromodichloromethane	50.000	50.828	-1.7	95	0.00
30		4-Methyl-2-pentanone	100.000	94.477	5.5	90	0.00
31		cis-1,3-Dichloropropene	50.000	47.233	5.5	92	0.00
32	S	Toluene-d8	50.000	51.137	-2.3	90	0.00
33	CPM	Toluene	50.000	47.780	4.4	87	0.00
34		trans-1,3-Dichloropropene	50.000	47.473	5.1	92	0.00
35		1,1,2-Trichloroethane	50.000	48.533	2.9	92	0.00
36		1,2-Dibromoethane	50.000	43.745	12.5	87	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
38		1,3-Dichloropropane	50.000	47.396	5.2	91	0.00
39		Dibromochloromethane	50.000	41.264	17.5	92	0.00
		Tetrachloroethene	50.000	39.433	21.1#	86	0.00

(#) = Out of Range

ABM 6-22-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3279.D
Acq On : 20 Jun 2007 11:45
Sample : CCV-10015
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:16 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	47.753	4.5	93	0.00
42		1,1,1,2-Tetrachloroethane	50.000	41.857	16.3	90	0.00
43	PM	Chlorobenzene	50.000	47.353	5.3	89	0.00
44	CP	Ethylbenzene	50.000	44.152	11.7	90	0.00
45		(m+p)-Xylene	100.000	97.294	2.7	87	0.00
46		o-Xylene	50.000	42.709	14.6	87	0.00
47		Styrene	50.000	45.027	9.9	87	0.00
48	P	Bromoform	50.000	46.041	7.9	89	0.00
49	S	Bromofluorobenzene	50.000	41.885	16.2	87	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	50.538	-1.1	88	0.00
52		Isopropylbenzene	50.000	49.692	0.6	89	0.00
53		1,2,3-Trichloropropane	50.000	48.818	2.4	88	0.00
[illegible]		Bromobenzene	50.000	47.870	4.3	86	0.00
[illegible]		n-Propylbenzene	50.000	49.494	1.0	89	0.00
56		2-Chlorotoluene	50.000	53.220	-6.4	89	0.00
57		4-Chlorotoluene	50.000	52.500	-5.0	86	0.00
58		1,3,5-Trimethylbenzene	50.000	52.443	-4.9	85	0.00
59		tert-Butylbenzene	50.000	53.724	-7.4	85	0.00
60		1,2,4-Trimethylbenzene	50.000	52.329	-4.7	85	0.00
61		sec-Butylbenzene	50.000	47.800	4.4	87	0.00
62		1,3-Dichlorobenzene	50.000	49.295	1.4	84	0.00
63		p-Isopropyltoluene	50.000	44.248	11.5	84	0.00
64		1,4-Dichlorobenzene	50.000	48.966	2.1	84	0.00
65		n-Butylbenzene	50.000	53.379	-6.8	89	0.00
66		1,2-Dichlorobenzene	50.000	49.715	0.6	84	0.00
67		1,2-Dibromo-3-chloropropane	50.000	51.451	-2.9	89	0.00
68		1,2,4-Trichlorobenzene	50.000	47.176	5.6	84	0.00
69		Hexachlorobutadiene	50.000	45.726	8.5	84	0.00
70		Naphthalene	50.000	56.908	-13.8	96	0.00
71		1,2,3-Trichlorobenzene	50.000	48.473	3.1	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-10016 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	99	0.00
2		Dichlorodifluoromethane	0.323	0.303	6.2	93	0.00
3	P	Chloromethane	0.355	0.412	-16.1	110	0.00
4	CP	Vinyl chloride	0.317	0.363	-14.5	108	0.00
5		Bromomethane	0.256	0.327	-27.7#	127	0.00
6		Chloroethane	0.228	0.277	-21.5#	117	0.00
7		Trichlorofluoromethane	0.450	0.538	-19.6	110	0.00
8		Acetone	0.034	0.045	-32.4#	125	0.00
9	CPM	1,1-Dichloroethene	0.179	0.189	-5.6	99	0.00
10		Methylene chloride	0.290	0.281	3.1	111	0.00
11		trans-1,2-Dichloroethene	0.217	0.232	-6.9	107	0.00
12		Methyl tert-Butyl ether	0.414	0.518	-25.1#	122	0.00
13	P	1,1-Dichloroethane	0.387	0.479	-23.8#	114	0.00
14		2-Butanone	0.048	0.063	-31.3#	121	0.00
[illegible]		cis-1,2-Dichloroethene	0.242	0.274	-13.2	108	0.00
[illegible]		Bromochloromethane	0.105	0.112	-6.7	102	0.00
17	CP	Chloroform	0.380	0.453	-19.2	112	0.00
18		2,2-Dichloropropane	0.233	0.311	-33.5#	134	0.00
19	S	Dibromofluoromethane	0.197	0.214	-8.6	105	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.250	-23.8#	116	0.00
21		1,2-Dichloroethane	0.231	0.294	-27.3#	116	0.00
22		1,1,1-Trichloroethane	0.290	0.372	-28.3#	125	0.00
23		1,1-Dichloropropene	0.282	0.356	-26.2#	112	0.00
24		Carbon tetrachloride	0.177	0.231	-30.5#	133	0.00
25	M	Benzene	0.995	1.222	-22.8#	112	0.00
26	M	Trichloroethene	0.253	0.274	-8.3	106	0.00
27		Dibromomethane	0.112	0.129	-15.2	107	0.00
28	CP	1,2-Dichloropropane	0.227	0.275	-21.1#	116	0.00
29		Bromodichloromethane	0.248	0.296	-19.4	114	0.00
30		4-Methyl-2-pentanone	0.099	0.138	-39.4#	122	0.00
31		cis-1,3-Dichloropropene	0.278	0.356	-28.1#	123	0.00
32	S	Toluene-d8	0.753	0.877	-16.5	106	0.00
33	CPM	Toluene	0.562	0.681	-21.2#	108	0.00
34		trans-1,3-Dichloropropene	0.209	0.293	-40.2#	136	0.00
35		1,1,2-Trichloroethane	0.144	0.170	-18.1	111	0.00
36		1,2-Dibromoethane	0.147	0.162	-10.2	106	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
38		1,3-Dichloropropane	0.834	0.948	-13.7	110	0.00
[illegible]		Dibromochloromethane	0.404	0.432	-6.9	112	0.00
[illegible]		Tetrachloroethene	0.609	0.622	-2.1	102	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.782	-19.9	110	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.513	-14.0	120	0.00
43	PM	Chlorobenzene	1.736	1.825	-5.1	107	0.00
44	CP	Ethylbenzene	2.749	3.162	-15.0	109	0.00
45		(m+p)-Xylene	0.909	1.061	-16.7	107	0.00
46		o-Xylene	0.847	0.972	-14.8	106	0.00
47		Styrene	1.339	1.597	-19.3	108	0.00
48	P	Bromoform	0.188	0.198	-5.3	112	0.00
49	S	Bromofluorobenzene	0.726	0.688	5.2	106	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	0.971	-16.7	103	0.00
52		Isopropylbenzene	3.255	4.323	-32.8#	107	0.00
53		1,2,3-Trichloropropane	0.682	0.823	-20.7#	109	0.00
---		Bromobenzene	0.844	0.960	-13.7	101	0.00
[illegible]		n-Propylbenzene	3.695	5.179	-40.2#	110	0.00
56		2-Chlorotoluene	2.498	3.330	-33.3#	110	0.00
57		4-Chlorotoluene	2.207	2.934	-32.9#	109	0.00
58		1,3,5-Trimethylbenzene	2.402	3.310	-37.8#	108	0.00
59		tert-Butylbenzene	2.006	2.632	-31.2#	106	0.00
60		1,2,4-Trimethylbenzene	2.291	3.139	-37.0#	108	0.00
61		sec-Butylbenzene	3.032	4.169	-37.5#	109	0.00
62		1,3-Dichlorobenzene	1.476	1.710	-15.9	102	0.00
63		p-Isopropyltoluene	2.255	3.085	-36.8#	109	0.00
64		1,4-Dichlorobenzene	1.501	1.725	-14.9	106	0.00
65		n-Butylbenzene	2.024	2.633	-30.1#	110	0.00
66		1,2-Dichlorobenzene	1.388	1.583	-14.0	102	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.108	-36.7#	123	0.00
68		1,2,4-Trichlorobenzene	0.735	0.764	-3.9	95	0.00
69		Hexachlorobutadiene	0.294	0.316	-7.5	100	0.00
70		Naphthalene	1.445	1.545	-6.9	90	0.00
71		1,2,3-Trichlorobenzene	0.689	0.738	-7.1	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 2
J3297.D J601AF31.M Thu Jun 21 07:42:15 2007 Pa 201

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	99	0.00
2		Dichlorodifluoromethane	10.000	9.387	6.1	93	0.00
3	P	Chloromethane	10.000	11.622	-16.2	110	0.00
4	CP	Vinyl chloride	10.000	11.462	-14.6	108	0.00
5		Bromomethane	10.000	12.782	-27.8#	127	0.00
6		Chloroethane	10.000	12.130	-21.3#	117	0.00
7		Trichlorofluoromethane	10.000	11.933	-19.3	110	0.00
8		Acetone	20.000	26.703	-33.5#	125	0.00
9	CPM	1,1-Dichloroethene	10.000	10.554	-5.5	99	0.00
10		Methylene chloride	10.000	10.993	-9.9	111	0.00
11		trans-1,2-Dichloroethene	10.000	10.715	-7.1	107	0.00
12		Methyl tert-Butyl ether	10.000	11.122	-11.2	122	0.00
13	P	1,1-Dichloroethane	10.000	12.375	-23.8#	114	0.00
14		2-Butanone	20.000	23.550	-17.8	121	0.00
		cis-1,2-Dichloroethene	10.000	11.330	-13.3	108	0.00
16		Bromochloromethane	10.000	10.674	-6.7	102	0.00
17	CP	Chloroform	10.000	11.913	-19.1	112	0.00
18		2,2-Dichloropropane	10.000	11.580	-15.8	134	0.00
19	S	Dibromofluoromethane	10.000	10.824	-8.2	105	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.948	-9.5	116	0.00
21		1,2-Dichloroethane	10.000	12.744	-27.4#	116	0.00
22		1,1,1-Trichloroethane	10.000	11.297	-13.0	125	0.00
23		1,1-Dichloropropene	10.000	10.987	-9.9	112	0.00
24		Carbon tetrachloride	10.000	11.143	-11.4	133	0.00
25	M	Benzene	10.000	12.279	-22.8#	112	0.00
26	M	Trichloroethene	10.000	10.819	-8.2	106	0.00
27		Dibromomethane	10.000	11.496	-15.0	107	0.00
28	CP	1,2-Dichloropropane	10.000	12.127	-21.3#	116	0.00
29		Bromodichloromethane	10.000	11.947	-19.5	114	0.00
30		4-Methyl-2-pentanone	20.000	22.954	-14.8	122	0.00
31		cis-1,3-Dichloropropene	10.000	10.550	-5.5	123	0.00
32	S	Toluene-d8	10.000	10.390	-3.9	106	0.00
33	CPM	Toluene	10.000	10.565	-5.6	108	0.00
34		trans-1,3-Dichloropropene	10.000	11.192	-11.9	136	0.00
35		1,1,2-Trichloroethane	10.000	11.808	-18.1	111	0.00
36		1,2-Dibromoethane	10.000	9.818	1.8	106	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	100	0.00
38		1,3-Dichloropropane	10.000	11.368	-13.7	110	0.00
39		Dibromochloromethane	10.000	10.736	-7.4	112	0.00
40		Tetrachloroethene	10.000	10.219	-2.2	102	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.878	1.2	110	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.542	-15.4	120	0.00
43	PM	Chlorobenzene	10.000	10.510	-5.1	107	0.00
44	CP	Ethylbenzene	10.000	11.505	-15.1	109	0.00
45		(m+p)-Xylene	20.000	20.022	-0.1	107	0.00
46		o-Xylene	10.000	9.573	4.3	106	0.00
47		Styrene	10.000	9.520	4.8	108	0.00
48	P	Bromoform	10.000	10.836	-8.4	112	0.00
49	S	Bromofluorobenzene	10.000	9.748	2.5	106	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	94	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.671	-16.7	103	0.00
52		Isopropylbenzene	10.000	11.332	-13.3	107	0.00
53		1,2,3-Trichloropropane	10.000	12.065	-20.6#	109	0.00
[illegible]		Bromobenzene	10.000	11.365	-13.7	101	0.00
[illegible]		n-Propylbenzene	10.000	11.927	-19.3	110	0.00
56		2-Chlorotoluene	10.000	11.654	-16.5	110	0.00
57		4-Chlorotoluene	10.000	11.576	-15.8	109	0.00
58		1,3,5-Trimethylbenzene	10.000	11.628	-16.3	108	0.00
59		tert-Butylbenzene	10.000	10.934	-9.3	106	0.00
60		1,2,4-Trimethylbenzene	10.000	11.563	-15.6	108	0.00
61		sec-Butylbenzene	10.000	11.569	-15.7	109	0.00
62		1,3-Dichlorobenzene	10.000	11.581	-15.8	102	0.00
63		p-Isopropyltoluene	10.000	11.215	-12.1	109	0.00
64		1,4-Dichlorobenzene	10.000	11.494	-14.9	106	0.00
65		n-Butylbenzene	10.000	11.521	-15.2	110	0.00
66		1,2-Dichlorobenzene	10.000	11.398	-14.0	102	0.00
67		1,2-Dibromo-3-chloropropane	10.000	11.208	-12.1	123	0.00
68		1,2,4-Trichlorobenzene	10.000	9.294	7.1	95	0.00
69		Hexachlorobutadiene	10.000	10.764	-7.6	100	0.00
70		Naphthalene	10.000	9.137	8.6	90	0.00
71		1,2,3-Trichlorobenzene	10.000	9.675	3.2	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-10023 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3318.D
Acq On : 21 Jun 2007 14:13
Sample : CCV-10023
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	72	0.00
2		Dichlorodifluoromethane	0.293	0.205	30.0#	63	0.00
3	P	Chloromethane	0.284	0.238	16.2	68	0.00
4	CP	Vinyl chloride	0.297	0.280	5.7	75	-0.01
5		Bromomethane	0.216	0.195	9.7	82	0.00
6		Chloroethane	0.080	0.116	-45.0#	119	0.00
7		Trichlorofluoromethane	0.274	0.376	-37.2#	121	0.00
8		Acetone	0.119	0.112	5.9	82	0.01
9	CPM	1,1-Dichloroethene	0.190	0.177	6.8	82	-0.01
10		Methylene chloride	0.337	0.255	24.3#	80	0.00
11		trans-1,2-Dichloroethene	0.238	0.221	7.1	72	0.00
12		Methyl tert-Butyl ether	0.668	0.686	-2.7	78	0.00
13	P	1,1-Dichloroethane	0.427	0.447	-4.7	81	0.00
14		2-Butanone	0.233	0.168	27.9#	76	0.00
15		cis-1,2-Dichloroethene	0.269	0.261	3.0	76	0.00
16		Bromochloromethane	0.122	0.110	9.8	73	-0.01
17	CP	Chloroform	0.413	0.417	-1.0	79	0.00
18		2,2-Dichloropropane	0.294	0.326	-10.9	84	0.00
19	S	Dibromofluoromethane	0.206	0.198	3.9	77	0.00
20	S	1,2-Dichloroethane-d4	0.258	0.262	-1.6	83	0.00
21		1,2-Dichloroethane	0.300	0.319	-6.3	85	0.00
22		1,1,1-Trichloroethane	0.315	0.335	-6.3	82	0.00
23		1,1-Dichloropropene	0.315	0.326	-3.5	81	0.00
24		Carbon tetrachloride	0.193	0.200	-3.6	82	0.00
25	M	Benzene	0.997	1.094	-9.7	78	0.00
26	M	Trichloroethene	0.261	0.257	1.5	78	0.00
27		Dibromomethane	0.150	0.149	0.7	79	-0.01
28	CP	1,2-Dichloropropane	0.255	0.261	-2.4	80	0.00
29		Bromodichloromethane	0.273	0.285	-4.4	81	0.00
30		4-Methyl-2-pentanone	0.269	0.319	-18.6	87	0.00
31		cis-1,3-Dichloropropene	0.365	0.389	-6.6	80	0.00
32	S	Toluene-d8	0.796	0.842	-5.8	77	0.00
33	CPM	Toluene	0.730	0.641	12.2	75	0.00
34		trans-1,3-Dichloropropene	0.312	0.349	-11.9	82	0.00
35		1,1,2-Trichloroethane	0.194	0.200	-3.1	81	0.00
36		1,2-Dibromoethane	0.214	0.214	0.0	78	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
38		1,3-Dichloropropane	1.040	1.039	0.1	82	0.00
		Dibromochloromethane	0.497	0.458	7.8	77	0.00
40		Tetrachloroethene	0.586	0.480	18.1	71	0.00

(#) = Out of Range

ABM 6-22-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3318.D
Acq On : 21 Jun 2007 14:13
Sample : CCV-10023
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.793	0.764	3.7	80	0.00
42		1,1,1,2-Tetrachloroethane	0.497	0.461	7.2	77	0.00
43	PM	Chlorobenzene	1.672	1.635	2.2	78	0.00
44	CP	Ethylbenzene	2.636	2.863	-8.6	80	-0.01
45		(m+p)-Xylene	0.940	0.933	0.7	76	0.00
46		o-Xylene	0.971	0.918	5.5	75	0.00
47		Styrene	1.516	1.526	-0.7	75	0.00
48	P	Bromoform	0.296	0.264	10.8	76	0.00
49	S	Bromofluorobenzene	0.779	0.671	13.9	76	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	69	0.00
51	P	1,1,2,2-Tetrachloroethane	1.379	1.578	-14.4	85	0.00
52		Isopropylbenzene	3.528	4.289	-21.6#	79	0.00
[illegible]		1,2,3-Trichloropropane	1.158	1.312	-13.3	87	-0.01
[illegible]		Bromobenzene	0.969	0.945	2.5	74	-0.01
55		n-Propylbenzene	3.967	4.872	-22.8#	79	0.00
56		2-Chlorotoluene	2.851	3.164	-11.0	79	0.00
57		4-Chlorotoluene	2.463	2.699	-9.6	76	0.00
58		1,3,5-Trimethylbenzene	2.599	2.795	-7.5	75	0.00
59		tert-Butylbenzene	2.362	2.653	-12.3	76	-0.01
60		1,2,4-Trimethylbenzene	2.395	2.619	-9.4	76	-0.01
61		sec-Butylbenzene	3.441	4.228	-22.9#	79	0.00
62		1,3-Dichlorobenzene	1.577	1.604	-1.7	74	0.00
63		p-Isopropyltoluene	2.539	2.851	-12.3	75	0.00
64		1,4-Dichlorobenzene	1.549	1.567	-1.2	74	0.00
65		n-Butylbenzene	2.309	2.588	-12.1	80	0.00
66		1,2-Dichlorobenzene	1.530	1.587	-3.7	75	0.00
67		1,2-Dibromo-3-chloropropane	0.214	0.234	-9.3	81	0.00
68		1,2,4-Trichlorobenzene	0.825	0.739	10.4	68	-0.01
69		Hexachlorobutadiene	0.485	0.438	9.7	71	0.00
70		Naphthalene	1.972	2.012	-2.0	73	0.00
71		1,2,3-Trichlorobenzene	0.769	0.690	10.3	69	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3318.D
Acq On : 21 Jun 2007 14:13
Sample : CCV-10023
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	72	0.00
2		Dichlorodifluoromethane	50.000	35.013	30.0#	63	0.00
3	P	Chloromethane	50.000	46.671	6.7	68	0.00
4	CP	Vinyl chloride	50.000	47.106	5.8	75	-0.01
5		Bromomethane	50.000	50.020	-0.0	82	0.00
6		Chloroethane	50.000	88.162	-76.3#	119	0.00
7		Trichlorofluoromethane	50.000	75.548	-51.1#	121	0.00
8		Acetone	100.000	111.935	-11.9	82	0.01
9	CPM	1,1-Dichloroethene	50.000	46.544	6.9	82	-0.01
10		Methylene chloride	50.000	49.177	1.6	80	0.00
11		trans-1,2-Dichloroethene	50.000	46.500	7.0	72	0.00
12		Methyl tert-Butyl ether	50.000	51.358	-2.7	78	0.00
13	P	1,1-Dichloroethane	50.000	52.357	-4.7	81	0.00
[illegible]		2-Butanone	100.000	101.470	-1.5	76	0.00
[illegible]		cis-1,2-Dichloroethene	50.000	48.562	2.9	76	0.00
16		Bromochloromethane	50.000	45.412	9.2	73	-0.01
17	CP	Chloroform	50.000	50.486	-1.0	79	0.00
18		2,2-Dichloropropane	50.000	50.440	-0.9	84	0.00
19	S	Dibromofluoromethane	50.000	48.138	3.7	77	0.00
20	S	1,2-Dichloroethane-d4	50.000	50.900	-1.8	83	0.00
21		1,2-Dichloroethane	50.000	53.132	-6.3	85	0.00
22		1,1,1-Trichloroethane	50.000	48.962	2.1	82	0.00
23		1,1-Dichloropropene	50.000	51.698	-3.4	81	0.00
24		Carbon tetrachloride	50.000	45.799	8.4	82	0.00
25	M	Benzene	50.000	48.665	2.7	78	0.00
26	M	Trichloroethene	50.000	49.134	1.7	78	0.00
27		Dibromomethane	50.000	49.787	0.4	79	-0.01
28	CP	1,2-Dichloropropane	50.000	51.080	-2.2	80	0.00
29		Bromodichloromethane	50.000	52.335	-4.7	81	0.00
30		4-Methyl-2-pentanone	100.000	110.951	-11.0	87	0.00
31		cis-1,3-Dichloropropene	50.000	49.258	1.5	80	0.00
32	S	Toluene-d8	50.000	52.868	-5.7	77	0.00
33	CPM	Toluene	50.000	49.797	0.4	75	0.00
34		trans-1,3-Dichloropropene	50.000	50.710	-1.4	82	0.00
35		1,1,2-Trichloroethane	50.000	51.598	-3.2	81	0.00
36		1,2-Dibromoethane	50.000	46.756	6.5	78	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
[illegible]		1,3-Dichloropropane	50.000	49.950	0.1	82	0.00
		Dibromochloromethane	50.000	40.737	18.5	77	0.00
40		Tetrachloroethene	50.000	38.723	22.6#	71	0.00

(#) = Out of Range

ABM 6-22-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3318.D
Acq On : 21 Jun 2007 14:13
Sample : CCV-10023
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 09:06:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	48.162	3.7	80	0.00
42		1,1,1,2-Tetrachloroethane	50.000	41.772	16.5	77	0.00
43	PM	Chlorobenzene	50.000	48.898	2.2	78	0.00
44	CP	Ethylbenzene	50.000	46.058	7.9	80	-0.01
45		(m+p)-Xylene	100.000	99.189	0.8	76	0.00
46		o-Xylene	50.000	43.411	13.2	75	0.00
47		Styrene	50.000	45.567	8.9	75	0.00
48	P	Bromoform	50.000	46.017	8.0	76	0.00
49	S	Bromofluorobenzene	50.000	43.070	13.9	76	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	57.217	-14.4	85	0.00
52		Isopropylbenzene	50.000	51.700	-3.4	79	0.00
[illegible]		1,2,3-Trichloropropane	50.000	56.666	-13.3	87	-0.01
[illegible]		Bromobenzene	50.000	48.797	2.4	74	-0.01
55		n-Propylbenzene	50.000	52.370	-4.7	79	0.00
56		2-Chlorotoluene	50.000	55.505	-11.0	79	0.00
57		4-Chlorotoluene	50.000	54.793	-9.6	76	0.00
58		1,3,5-Trimethylbenzene	50.000	53.788	-7.6	75	0.00
59		tert-Butylbenzene	50.000	56.159	-12.3	76	-0.01
60		1,2,4-Trimethylbenzene	50.000	54.690	-9.4	76	-0.01
61		sec-Butylbenzene	50.000	51.280	-2.6	79	0.00
62		1,3-Dichlorobenzene	50.000	50.844	-1.7	74	0.00
63		p-Isopropyltoluene	50.000	46.327	7.3	75	0.00
64		1,4-Dichlorobenzene	50.000	50.574	-1.1	74	0.00
65		n-Butylbenzene	50.000	56.042	-12.1	80	0.00
66		1,2-Dichlorobenzene	50.000	51.886	-3.8	75	0.00
67		1,2-Dibromo-3-chloropropane	50.000	54.835	-9.7	81	0.00
68		1,2,4-Trichlorobenzene	50.000	44.738	10.5	68	-0.01
69		Hexachlorobutadiene	50.000	45.233	9.5	71	0.00
70		Naphthalene	50.000	51.012	-2.0	73	0.00
71		1,2,3-Trichlorobenzene	50.000	44.830	10.3	69	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10031 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	109	0.00
2		Dichlorodifluoromethane	0.382	0.407	-6.5	107	0.00
3	P	Chloromethane	0.257	0.268	-4.3	109	0.00
4	CP	Vinyl chloride	0.220	0.243	-10.5	116	0.00
5		Bromomethane	0.187	0.178	4.8	104	0.00
6		Chloroethane	0.128	0.139	-8.6	111	0.00
7		Trichlorofluoromethane	0.581	0.625	-7.6	105	0.00
8		Acetone	0.042	0.043	-2.4	107	0.00
9	CPM	1,1-Dichloroethene	0.181	0.197	-8.8	112	0.00
10		Methylene chloride	0.286	0.227	20.6#	109	0.00
11		trans-1,2-Dichloroethene	0.230	0.246	-7.0	109	0.00
12		Methyl tert-Butyl ether	0.568	0.592	-4.2	110	0.00
13	P	1,1-Dichloroethane	0.370	0.383	-3.5	107	0.00
14		2-Butanone	0.054	0.056	-3.7	112	0.00
[illegible]		cis-1,2-Dichloroethene	0.255	0.270	-5.9	108	0.00
[illegible]		Bromochloromethane	0.144	0.150	-4.2	111	0.00
17	CP	Chloroform	0.583	0.519	11.0	109	0.00
18		2,2-Dichloropropane	0.452	0.471	-4.2	105	0.00
19	S	Dibromofluoromethane	0.258	0.269	-4.3	106	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.314	1.3	105	0.00
21		1,2-Dichloroethane	0.379	0.382	-0.8	104	0.00
22		1,1,1-Trichloroethane	0.543	0.577	-6.3	104	0.00
23		1,1-Dichloropropene	0.305	0.321	-5.2	106	0.00
24		Carbon tetrachloride	0.466	0.489	-4.9	106	0.00
25	M	Benzene	0.850	0.893	-5.1	108	0.00
26	M	Trichloroethene	0.295	0.301	-2.0	108	0.00
27		Dibromomethane	0.144	0.146	-1.4	105	0.00
28	CP	1,2-Dichloropropane	0.180	0.186	-3.3	110	0.00
29		Bromodichloromethane	0.371	0.361	2.7	104	0.00
30		4-Methyl-2-pentanone	0.131	0.137	-4.6	107	0.00
31		cis-1,3-Dichloropropene	0.344	0.360	-4.7	110	0.00
32	S	Toluene-d8	0.965	1.047	-8.5	110	0.00
33	CPM	Toluene	0.696	0.743	-6.8	109	0.00
34		trans-1,3-Dichloropropene	0.327	0.345	-5.5	105	0.00
35		1,1,2-Trichloroethane	0.139	0.148	-6.5	110	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
37		1,2-Dibromoethane	0.474	0.493	-4.0	110	0.00
38		1,3-Dichloropropane	0.684	0.703	-2.8	107	0.00
[illegible]		Dibromochloromethane	0.645	0.653	-1.2	110	0.00
		Tetrachloroethene	0.828	0.872	-5.3	108	0.00

(#) = Out of Range

6/22/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.817	-8.6	109	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.711	-3.5	108	0.00
43	PM	Chlorobenzene	2.009	2.111	-5.1	109	0.00
44	CP	Ethylbenzene	3.262	3.485	-6.8	108	0.00
45		(m+p)-Xylene	1.206	1.263	-4.7	108	0.00
46		o-Xylene	1.213	1.253	-3.3	108	0.00
47		Styrene	1.899	2.065	-8.7	107	0.00
48	P	Bromoform	0.353	0.374	-5.9	110	0.00
49	S	Bromofluorobenzene	0.946	0.942	0.4	108	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.559	-4.5	108	0.00
52		Isopropylbenzene	3.690	4.009	-8.6	107	0.00
53		1,2,3-Trichloropropane	0.490	0.523	-6.7	110	0.00
[illegible]		Bromobenzene	1.019	1.085	-6.5	108	0.00
[illegible]		n-Propylbenzene	3.403	3.738	-9.8	106	0.00
56		2-Chlorotoluene	2.613	2.769	-6.0	106	0.00
57		4-Chlorotoluene	2.145	2.265	-5.6	105	0.00
58		1,3,5-Trimethylbenzene	2.455	2.650	-7.9	106	0.00
59		tert-Butylbenzene	2.609	2.741	-5.1	105	0.00
60		1,2,4-Trimethylbenzene	2.175	2.374	-9.1	106	0.00
61		sec-Butylbenzene	3.216	3.582	-11.4	105	0.00
62		1,3-Dichlorobenzene	1.649	1.767	-7.2	106	0.00
63		p-Isopropyltoluene	2.678	2.978	-11.2	105	0.00
64		1,4-Dichlorobenzene	1.599	1.639	-2.5	105	0.00
65		n-Butylbenzene	1.705	1.966	-15.3	105	0.00
66		1,2-Dichlorobenzene	1.558	1.641	-5.3	103	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.103	2.8	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.787	-27.1#	109	0.00
69		Hexachlorobutadiene	0.532	0.576	-8.3	102	0.00
70		Naphthalene	1.015	1.383	-36.3#	109	0.00
71		1,2,3-Trichlorobenzene	0.605	0.780	-28.9#	106	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	109	0.00
2		Dichlorodifluoromethane	10.000	10.658	-6.6	107	0.00
3	P	Chloromethane	10.000	10.426	-4.3	109	0.00
4	CP	Vinyl chloride	10.000	11.069	-10.7	116	0.00
5		Bromomethane	10.000	9.553	4.5	104	0.00
6		Chloroethane	10.000	10.856	-8.6	111	0.00
7		Trichlorofluoromethane	10.000	10.768	-7.7	105	0.00
8		Acetone	20.000	20.264	-1.3	107	0.00
9	CPM	1,1-Dichloroethene	10.000	10.917	-9.2	112	0.00
10		Methylene chloride	10.000	10.096	-1.0	109	0.00
11		trans-1,2-Dichloroethene	10.000	10.662	-6.6	109	0.00
12		Methyl tert-Butyl ether	10.000	10.428	-4.3	110	0.00
13	P	1,1-Dichloroethane	10.000	10.354	-3.5	107	0.00
14		2-Butanone	20.000	20.662	-3.3	112	0.00
		cis-1,2-Dichloroethene	10.000	10.602	-6.0	108	0.00
		Bromochloromethane	10.000	10.366	-3.7	111	0.00
17	CP	Chloroform	10.000	10.297	-3.0	109	0.00
18		2,2-Dichloropropane	10.000	10.407	-4.1	105	0.00
19	S	Dibromofluoromethane	10.000	10.402	-4.0	106	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.875	1.3	105	0.00
21		1,2-Dichloroethane	10.000	10.070	-0.7	104	0.00
22		1,1,1-Trichloroethane	10.000	10.619	-6.2	104	0.00
23		1,1-Dichloropropene	10.000	10.518	-5.2	106	0.00
24		Carbon tetrachloride	10.000	10.500	-5.0	106	0.00
25	M	Benzene	10.000	10.506	-5.1	108	0.00
26	M	Trichloroethene	10.000	10.198	-2.0	108	0.00
27		Dibromomethane	10.000	10.088	-0.9	105	0.00
28	CP	1,2-Dichloropropane	10.000	10.370	-3.7	110	0.00
29		Bromodichloromethane	10.000	9.749	2.5	104	0.00
30		4-Methyl-2-pentanone	20.000	20.876	-4.4	107	0.00
31		cis-1,3-Dichloropropene	10.000	10.460	-4.6	110	0.00
32	S	Toluene-d8	10.000	10.848	-8.5	110	0.00
33	CPM	Toluene	10.000	10.672	-6.7	109	0.00
34		trans-1,3-Dichloropropene	10.000	10.556	-5.6	105	0.00
35		1,1,2-Trichloroethane	10.000	10.648	-6.5	110	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	108	0.00
37		1,2-Dibromoethane	10.000	10.403	-4.0	110	0.00
38		1,3-Dichloropropane	10.000	10.276	-2.8	107	0.00
		Dibromochloromethane	10.000	10.124	-1.2	110	0.00
		Tetrachloroethene	10.000	10.537	-5.4	108	0.00

(#) = Out of Range

David M Bolden 6/22/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.682	3.2	109	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.338	-3.4	108	0.00
43	PM	Chlorobenzene	10.000	10.507	-5.1	109	0.00
44	CP	Ethylbenzene	10.000	10.684	-6.8	108	0.00
45		(m+p)-Xylene	20.000	20.938	-4.7	108	0.00
46		o-Xylene	10.000	10.328	-3.3	108	0.00
47		Styrene	10.000	9.518	4.8	107	0.00
48	P	Bromoform	10.000	9.282	7.2	110	0.00
49	S	Bromofluorobenzene	10.000	9.958	0.4	108	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	106	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.444	-4.4	108	0.00
52		Isopropylbenzene	10.000	10.866	-8.7	107	0.00
53		1,2,3-Trichloropropane	10.000	10.665	-6.6	110	0.00
		Bromobenzene	10.000	10.641	-6.4	108	0.00
		n-Propylbenzene	10.000	10.987	-9.9	106	0.00
56		2-Chlorotoluene	10.000	10.597	-6.0	106	0.00
57		4-Chlorotoluene	10.000	10.559	-5.6	105	0.00
58		1,3,5-Trimethylbenzene	10.000	10.793	-7.9	106	0.00
59		tert-Butylbenzene	10.000	10.503	-5.0	105	0.00
60		1,2,4-Trimethylbenzene	10.000	10.914	-9.1	106	0.00
61		sec-Butylbenzene	10.000	11.139	-11.4	105	0.00
62		1,3-Dichlorobenzene	10.000	10.718	-7.2	106	0.00
63		p-Isopropyltoluene	10.000	11.120	-11.2	105	0.00
64		1,4-Dichlorobenzene	10.000	10.256	-2.6	105	0.00
65		n-Butylbenzene	10.000	10.240	-2.4	105	0.00
66		1,2-Dichlorobenzene	10.000	10.528	-5.3	103	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.707	2.9	101	0.00
68		1,2,4-Trichlorobenzene	10.000	9.808	1.9	109	0.00
69		Hexachlorobutadiene	10.000	9.471	5.3	102	0.00
70		Naphthalene	10.000	10.210	-2.1	109	0.00
71		1,2,3-Trichlorobenzene	10.000	9.903	1.0	106	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10069 CCV #1 ID: CCV-10069 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:26 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	106	0.00
2		Dichlorodifluoromethane	0.201	0.200	0.5	119	0.00
3	P	Chloromethane	0.210	0.208	1.0	118	0.00
4	CP	Vinyl chloride	0.250	0.248	0.8	115	0.00
5		Bromomethane	0.212	0.212	0.0	116	0.00
6		Chloroethane	0.087	0.078	10.3	104	0.00
7		Trichlorofluoromethane	0.276	0.245	11.2	101	0.00
8		Acetone	0.101	0.085	15.8	122	0.00
9	CPM	1,1-Dichloroethene	0.192	0.196	-2.1	113	0.00
10		Methylene chloride	0.295	0.245	16.9	107	0.00
11		trans-1,2-Dichloroethene	0.236	0.236	0.0	111	0.00
12		Methyl tert-Butyl ether	0.695	0.626	9.9	109	0.00
13	P	1,1-Dichloroethane	0.427	0.412	3.5	111	0.00
14		2-Butanone	0.143	0.127	11.2	120	0.00
		cis-1,2-Dichloroethene	0.273	0.266	2.6	109	0.00
16		Bromochloromethane	0.127	0.117	7.9	108	0.00
17	CP	Chloroform	0.422	0.400	5.2	110	0.00
18		2,2-Dichloropropane	0.332	0.341	-2.7	113	0.00
19	S	Dibromofluoromethane	0.215	0.198	7.9	107	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.230	12.9	110	0.00
21		1,2-Dichloroethane	0.307	0.280	8.8	110	0.00
22		1,1,1-Trichloroethane	0.339	0.342	-0.9	113	0.00
23		1,1-Dichloropropene	0.320	0.324	-1.3	112	0.00
24		Carbon tetrachloride	0.214	0.224	-4.7	114	0.00
25	M	Benzene	1.066	1.058	0.8	110	0.00
26	M	Trichloroethene	0.273	0.261	4.4	110	0.00
27		Dibromomethane	0.153	0.136	11.1	107	0.00
28	CP	1,2-Dichloropropane	0.256	0.238	7.0	110	0.00
29		Bromodichloromethane	0.287	0.267	7.0	108	0.00
30		4-Methyl-2-pentanone	0.272	0.239	12.1	114	0.00
31		cis-1,3-Dichloropropene	0.390	0.376	3.6	110	0.00
32	S	Toluene-d8	0.870	0.874	-0.5	111	0.00
33	CPM	Toluene	0.717	0.678	5.4	113	0.00
34		trans-1,3-Dichloropropene	0.345	0.325	5.8	109	0.00
35		1,1,2-Trichloroethane	0.201	0.176	12.4	104	0.00
36		1,2-Dibromoethane	0.221	0.201	9.0	114	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
38		1,3-Dichloropropane	1.097	1.007	8.2	107	0.00
39		Dibromochloromethane	0.537	0.519	3.4	108	0.00
		Tetrachloroethene	0.627	0.664	-5.9	111	0.00

(#) = Out of Range

ABM 6-26-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:26 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.908	-9.4	120	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.543	-1.9	122	0.00
43	PM	Chlorobenzene	1.856	1.849	0.4	119	0.00
44	CP	Ethylbenzene	2.970	3.157	-6.3	119	0.00
45		(m+p)-Xylene	1.026	1.080	-5.3	120	0.00
46		o-Xylene	1.007	1.043	-3.6	118	0.00
47		Styrene	1.634	1.704	-4.3	116	0.00
48	P	Bromoform	0.320	0.300	6.3	118	0.00
49	S	Bromofluorobenzene	0.781	0.744	4.7	119	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.257	6.0	115	0.00
52		Isopropylbenzene	3.968	4.221	-6.4	118	0.00
53		1,2,3-Trichloropropane	1.161	1.007	13.3	113	0.00
		Bromobenzene	1.023	0.981	4.1	117	0.00
55		n-Propylbenzene	4.434	4.714	-6.3	118	0.00
56		2-Chlorotoluene	3.005	2.997	0.3	117	0.00
57		4-Chlorotoluene	2.570	2.582	-0.5	116	0.00
58		1,3,5-Trimethylbenzene	2.708	2.812	-3.8	118	0.00
59		tert-Butylbenzene	2.575	2.704	-5.0	119	0.00
60		1,2,4-Trimethylbenzene	2.499	2.599	-4.0	118	0.00
61		sec-Butylbenzene	3.877	4.164	-7.4	117	0.00
62		1,3-Dichlorobenzene	1.668	1.657	0.7	118	0.00
63		p-Isopropyltoluene	2.803	3.016	-7.6	117	0.00
64		1,4-Dichlorobenzene	1.666	1.605	3.7	115	0.00
65		n-Butylbenzene	2.486	2.630	-5.8	115	0.00
66		1,2-Dichlorobenzene	1.579	1.559	1.3	117	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.150	-7.9	132	0.00
68		1,2,4-Trichlorobenzene	0.659	0.756	-14.7	128	0.00
69		Hexachlorobutadiene	0.453	0.529	-16.8	128	0.00
70		Naphthalene	1.519	1.541	-1.4	126	0.00
71		1,2,3-Trichlorobenzene	0.601	0.629	-4.7	126	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	106	0.00
2		Dichlorodifluoromethane	50.000	49.967	0.1	119	0.00
3	P	Chloromethane	50.000	49.583	0.8	118	0.00
4	CP	Vinyl chloride	50.000	49.581	0.8	115	0.00
5		Bromomethane	50.000	49.854	0.3	116	0.00
6		Chloroethane	50.000	44.671	10.7	104	0.00
7		Trichlorofluoromethane	50.000	44.372	11.3	101	0.00
8		Acetone	100.000	83.954	16.0	122	0.00
9	CPM	1,1-Dichloroethene	50.000	51.094	-2.2	113	0.00
10		Methylene chloride	50.000	46.531	6.9	107	0.00
11		trans-1,2-Dichloroethene	50.000	50.170	-0.3	111	0.00
12		Methyl tert-Butyl ether	50.000	45.031	9.9	109	0.00
13	P	1,1-Dichloroethane	50.000	48.263	3.5	111	0.00
14		2-Butanone	100.000	95.169	4.8	120	0.00
		cis-1,2-Dichloroethene	50.000	48.703	2.6	109	0.00
16		Bromochloromethane	50.000	46.217	7.6	108	0.00
17	CP	Chloroform	50.000	47.427	5.1	110	0.00
18		2,2-Dichloropropane	50.000	51.377	-2.8	113	0.00
19	S	Dibromofluoromethane	50.000	45.892	8.2	107	0.00
20	S	1,2-Dichloroethane-d4	50.000	43.424	13.2	110	0.00
21		1,2-Dichloroethane	50.000	45.571	8.9	110	0.00
22		1,1,1-Trichloroethane	50.000	50.514	-1.0	113	0.00
23		1,1-Dichloropropene	50.000	50.749	-1.5	112	0.00
24		Carbon tetrachloride	50.000	53.909	-7.8	114	0.00
25	M	Benzene	50.000	49.642	0.7	110	0.00
26	M	Trichloroethene	50.000	47.846	4.3	110	0.00
27		Dibromomethane	50.000	44.474	11.1	107	0.00
28	CP	1,2-Dichloropropane	50.000	46.415	7.2	110	0.00
29		Bromodichloromethane	50.000	43.019	14.0	108	0.00
30		4-Methyl-2-pentanone	100.000	82.158	17.8	114	0.00
31		cis-1,3-Dichloropropene	50.000	44.117	11.8	110	0.00
32	S	Toluene-d8	50.000	50.198	-0.4	111	0.00
33	CPM	Toluene	50.000	47.287	5.4	113	0.00
34		trans-1,3-Dichloropropene	50.000	42.696	14.6	109	0.00
35		1,1,2-Trichloroethane	50.000	43.712	12.6	104	0.00
36		1,2-Dibromoethane	50.000	42.515	15.0	114	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
38		1,3-Dichloropropane	50.000	45.885	8.2	107	0.00
39		Dibromochloromethane	50.000	42.526	14.9	108	0.00
		Tetrachloroethene	50.000	52.908	-5.8	111	0.00

(#) = Out of Range

ABM 6-26-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	54.751	-9.5	120	0.00
42		1,1,1,2-Tetrachloroethane	50.000	45.905	8.2	122	0.00
43	PM	Chlorobenzene	50.000	49.787	0.4	119	0.00
44	CP	Ethylbenzene	50.000	53.148	-6.3	119	0.00
45		(m+p)-Xylene	100.000	105.261	-5.3	120	0.00
46		o-Xylene	50.000	51.787	-3.6	118	0.00
47		Styrene	50.000	47.693	4.6	116	0.00
48	P	Bromoform	50.000	47.888	4.2	118	0.00
49	S	Bromofluorobenzene	50.000	47.602	4.8	119	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	47.019	6.0	115	0.00
52		Isopropylbenzene	50.000	53.183	-6.4	118	0.00
53		1,2,3-Trichloropropane	50.000	43.370	13.3	113	0.00
		Bromobenzene	50.000	47.936	4.1	117	0.00
55		n-Propylbenzene	50.000	53.159	-6.3	118	0.00
56		2-Chlorotoluene	50.000	49.868	0.3	117	0.00
57		4-Chlorotoluene	50.000	50.235	-0.5	116	0.00
58		1,3,5-Trimethylbenzene	50.000	51.926	-3.9	118	0.00
59		tert-Butylbenzene	50.000	52.503	-5.0	119	0.00
60		1,2,4-Trimethylbenzene	50.000	51.996	-4.0	118	0.00
61		sec-Butylbenzene	50.000	53.706	-7.4	117	0.00
62		1,3-Dichlorobenzene	50.000	49.686	0.6	118	0.00
63		p-Isopropyltoluene	50.000	53.801	-7.6	117	0.00
64		1,4-Dichlorobenzene	50.000	48.168	3.7	115	0.00
65		n-Butylbenzene	50.000	52.901	-5.8	115	0.00
66		1,2-Dichlorobenzene	50.000	49.373	1.3	117	0.00
67		1,2-Dibromo-3-chloropropane	50.000	47.789	4.4	132	0.00
68		1,2,4-Trichlorobenzene	50.000	57.356	-14.7	128	0.00
69		Hexachlorobutadiene	50.000	58.353	-16.7	128	0.00
70		Naphthalene	50.000	50.724	-1.4	126	0.00
71		1,2,3-Trichlorobenzene	50.000	52.355	-4.7	126	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10074 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
IS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	109	0.00
2		Dichlorodifluoromethane	0.382	0.340	11.0	90	-0.01
3	P	Chloromethane	0.257	0.213	17.1	87	0.00
4	CP	Vinyl chloride	0.220	0.207	5.9	99	0.00
5		Bromomethane	0.187	0.147	21.4#	86	0.00
6		Chloroethane	0.128	0.125	2.3	100	0.00
7		Trichlorofluoromethane	0.581	0.557	4.1	93	0.00
8		Acetone	0.042	0.036	14.3	90	0.00
9	CPM	1,1-Dichloroethene	0.181	0.202	-11.6	115	0.00
10		Methylene chloride	0.286	0.228	20.3#	110	0.00
11		trans-1,2-Dichloroethene	0.230	0.255	-10.9	113	-0.01
12		Methyl tert-Butyl ether	0.568	0.567	0.2	106	-0.01
13	P	1,1-Dichloroethane	0.370	0.356	3.8	100	0.00
14		2-Butanone	0.054	0.045	16.7	91	0.00
15		cis-1,2-Dichloroethene	0.255	0.277	-8.6	111	0.00
16		Bromochloromethane	0.144	0.159	-10.4	118	0.00
17	CP	Chloroform	0.583	0.498	14.6	105	0.00
18		2,2-Dichloropropane	0.452	0.467	-3.3	104	0.00
19	S	Dibromofluoromethane	0.258	0.275	-6.6	109	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.288	9.4	96	0.00
21		1,2-Dichloroethane	0.379	0.355	6.3	97	0.00
22		1,1,1-Trichloroethane	0.543	0.558	-2.8	101	0.00
23		1,1-Dichloropropene	0.305	0.310	-1.6	103	-0.01
24		Carbon tetrachloride	0.466	0.483	-3.6	105	0.00
25	M	Benzene	0.850	0.848	0.2	103	0.00
26	M	Trichloroethene	0.295	0.302	-2.4	108	0.00
27		Dibromomethane	0.144	0.143	0.7	103	0.00
28	CP	1,2-Dichloropropane	0.180	0.169	6.1	100	0.00
29		Bromodichloromethane	0.371	0.349	5.9	101	0.00
30		4-Methyl-2-pentanone	0.131	0.113	13.7	88	-0.01
31		cis-1,3-Dichloropropene	0.344	0.343	0.3	106	-0.01
32	S	Toluene-d8	0.965	1.064	-10.3	112	0.00
33	CPM	Toluene	0.696	0.747	-7.3	110	0.00
34		trans-1,3-Dichloropropene	0.327	0.329	-0.6	101	0.00
35		1,1,2-Trichloroethane	0.139	0.141	-1.4	105	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
37		1,2-Dibromoethane	0.474	0.539	-13.7	112	0.00
38		1,3-Dichloropropane	0.684	0.710	-3.8	101	0.00
39		Dibromochloromethane	0.645	0.728	-12.9	114	0.00
40		Tetrachloroethene	0.828	1.018	-22.9#	117	0.00

(#) = Out of Range

Daniel M. Stern 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
IS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.911	-21.1#	114	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.811	-18.0	114	0.00
43	PM	Chlorobenzene	2.009	2.395	-19.2	115	0.00
44	CP	Ethylbenzene	3.262	3.695	-13.3	107	0.00
45		(m+p)-Xylene	1.206	1.440	-19.4	115	0.00
46		o-Xylene	1.213	1.419	-17.0	114	0.00
47		Styrene	1.899	2.311	-21.7#	111	0.00
48	P	Bromoform	0.353	0.440	-24.6#	120	0.00
49	S	Bromofluorobenzene	0.946	1.006	-6.3	107	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.474	11.4	100	0.00
52		Isopropylbenzene	3.690	3.835	-3.9	112	0.00
5		1,2,3-Trichloropropane	0.490	0.434	11.4	100	0.00
5		Bromobenzene	1.019	1.083	-6.3	118	0.00
55		n-Propylbenzene	3.403	3.413	-0.3	106	0.00
56		2-Chlorotoluene	2.613	2.517	3.7	105	0.00
57		4-Chlorotoluene	2.145	2.085	2.8	106	0.00
58		1,3,5-Trimethylbenzene	2.455	2.492	-1.5	109	0.00
59		tert-Butylbenzene	2.609	2.685	-2.9	112	-0.01
60		1,2,4-Trimethylbenzene	2.175	2.220	-2.1	108	0.00
61		sec-Butylbenzene	3.216	3.438	-6.9	110	0.00
62		1,3-Dichlorobenzene	1.649	1.775	-7.6	116	0.00
63		p-Isopropyltoluene	2.678	2.855	-6.6	110	0.00
64		1,4-Dichlorobenzene	1.599	1.648	-3.1	116	0.00
65		n-Butylbenzene	1.705	1.786	-4.8	104	0.00
66		1,2-Dichlorobenzene	1.558	1.662	-6.7	115	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.094	11.3	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.815	-31.7#	123	-0.01
69		Hexachlorobutadiene	0.532	0.603	-13.3	117	0.00
70		Naphthalene	1.015	1.425	-40.4#	123	0.00
71		1,2,3-Trichlorobenzene	0.605	0.824	-36.2#	122	-0.01

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
IS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	109	0.00
2		Dichlorodifluoromethane	10.000	8.920	10.8	90	-0.01
3	P	Chloromethane	10.000	8.279	17.2	87	0.00
4	CP	Vinyl chloride	10.000	9.429	5.7	99	0.00
5		Bromomethane	10.000	7.897	21.0#	86	0.00
6		Chloroethane	10.000	9.781	2.2	100	0.00
7		Trichlorofluoromethane	10.000	9.601	4.0	93	0.00
8		Acetone	20.000	17.000	15.0	90	0.00
9	CPM	1,1-Dichloroethene	10.000	11.173	-11.7	115	0.00
10		Methylene chloride	10.000	10.160	-1.6	110	0.00
11		trans-1,2-Dichloroethene	10.000	11.054	-10.5	113	-0.01
12		Methyl tert-Butyl ether	10.000	9.983	0.2	106	-0.01
13	P	1,1-Dichloroethane	10.000	9.633	3.7	100	0.00
14		2-Butanone	20.000	16.780	16.1	91	0.00
15		cis-1,2-Dichloroethene	10.000	10.854	-8.5	111	0.00
16		Bromochloromethane	10.000	11.022	-10.2	118	0.00
17	CP	Chloroform	10.000	9.859	1.4	105	0.00
18		2,2-Dichloropropane	10.000	10.328	-3.3	104	0.00
19	S	Dibromofluoromethane	10.000	10.642	-6.4	109	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.050	9.5	96	0.00
21		1,2-Dichloroethane	10.000	9.355	6.4	97	0.00
22		1,1,1-Trichloroethane	10.000	10.274	-2.7	101	0.00
23		1,1-Dichloropropene	10.000	10.176	-1.8	103	-0.01
24		Carbon tetrachloride	10.000	10.362	-3.6	105	0.00
25	M	Benzene	10.000	9.973	0.3	103	0.00
26	M	Trichloroethene	10.000	10.220	-2.2	108	0.00
27		Dibromomethane	10.000	9.890	1.1	103	0.00
28	CP	1,2-Dichloropropane	10.000	9.414	5.9	100	0.00
29		Bromodichloromethane	10.000	9.409	5.9	101	0.00
30		4-Methyl-2-pentanone	20.000	17.131	14.3	88	-0.01
31		cis-1,3-Dichloropropene	10.000	9.992	0.1	106	-0.01
32	S	Toluene-d8	10.000	11.023	-10.2	112	0.00
33	CPM	Toluene	10.000	10.740	-7.4	110	0.00
34		trans-1,3-Dichloropropene	10.000	10.062	-0.6	101	0.00
35		1,1,2-Trichloroethane	10.000	10.163	-1.6	105	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	101	0.00
37		1,2-Dibromoethane	10.000	11.377	-13.8	112	0.00
38		1,3-Dichloropropane	10.000	10.386	-3.9	101	0.00
39		Dibromochloromethane	10.000	11.283	-12.8	114	0.00
40		Tetrachloroethene	10.000	12.296	-23.0#	117	0.00

(#) = Out of Range

David M Bottini 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
IS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.736	-7.4	114	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.800	-18.0	114	0.00
43	PM	Chlorobenzene	10.000	11.922	-19.2	115	0.00
44	CP	Ethylbenzene	10.000	11.328	-13.3	107	0.00
45		(m+p)-Xylene	20.000	23.885	-19.4	115	0.00
46		o-Xylene	10.000	11.695	-17.0	114	0.00
47		Styrene	10.000	10.611	-6.1	111	0.00
48	P	Bromoform	10.000	10.787	-7.9	120	0.00
49	S	Bromofluorobenzene	10.000	10.626	-6.3	107	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	116	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	8.848	11.5	100	0.00
52		Isopropylbenzene	10.000	10.393	-3.9	112	0.00
5		1,2,3-Trichloropropane	10.000	8.855	11.4	100	0.00
5		Bromobenzene	10.000	10.623	-6.2	118	0.00
55		n-Propylbenzene	10.000	10.032	-0.3	106	0.00
56		2-Chlorotoluene	10.000	9.630	3.7	105	0.00
57		4-Chlorotoluene	10.000	9.720	2.8	106	0.00
58		1,3,5-Trimethylbenzene	10.000	10.152	-1.5	109	0.00
59		tert-Butylbenzene	10.000	10.289	-2.9	112	-0.01
60		1,2,4-Trimethylbenzene	10.000	10.206	-2.1	108	0.00
61		sec-Butylbenzene	10.000	10.691	-6.9	110	0.00
62		1,3-Dichlorobenzene	10.000	10.766	-7.7	116	0.00
63		p-Isopropyltoluene	10.000	10.660	-6.6	110	0.00
64		1,4-Dichlorobenzene	10.000	10.309	-3.1	116	0.00
65		n-Butylbenzene	10.000	9.292	7.1	104	0.00
66		1,2-Dichlorobenzene	10.000	10.667	-6.7	115	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.842	11.6	101	0.00
68		1,2,4-Trichlorobenzene	10.000	10.146	-1.5	123	-0.01
69		Hexachlorobutadiene	10.000	9.908	0.9	117	0.00
70		Naphthalene	10.000	10.515	-5.2	123	0.00
71		1,2,3-Trichlorobenzene	10.000	10.432	-4.3	122	-0.01

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10069 CCV #1 ID: CCV-10091 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	102	0.00
2		Dichlorodifluoromethane	0.201	0.198	1.5	114	0.00
3	P	Chloromethane	0.210	0.222	-5.7	122	0.00
4	CP	Vinyl chloride	0.250	0.247	1.2	111	0.00
5		Bromomethane	0.212	0.219	-3.3	116	0.00
6		Chloroethane	0.087	0.084	3.4	108	0.00
7		Trichlorofluoromethane	0.276	0.255	7.6	101	0.00
8		Acetone	0.101	0.096	5.0	134	0.00
9	CPM	1,1-Dichloroethene	0.192	0.178	7.3	100	0.00
10		Methylene chloride	0.295	0.239	19.0	101	0.00
11		trans-1,2-Dichloroethene	0.236	0.220	6.8	100	0.00
12		Methyl tert-Butyl ether	0.695	0.637	8.3	108	0.00
13	P	1,1-Dichloroethane	0.427	0.407	4.7	106	0.00
14		2-Butanone	0.143	0.147	-2.8	135	0.00
[illegible]		cis-1,2-Dichloroethene	0.273	0.253	7.3	101	0.00
[illegible]		Bromochloromethane	0.127	0.114	10.2	102	0.00
17	CP	Chloroform	0.422	0.389	7.8	103	0.00
18		2,2-Dichloropropane	0.332	0.315	5.1	101	0.00
19	S	Dibromofluoromethane	0.215	0.194	9.8	102	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.234	11.4	108	0.00
21		1,2-Dichloroethane	0.307	0.283	7.8	108	0.00
22		1,1,1-Trichloroethane	0.339	0.318	6.2	102	0.00
23		1,1-Dichloropropene	0.320	0.303	5.3	101	0.00
24		Carbon tetrachloride	0.214	0.200	6.5	98	0.00
25	M	Benzene	1.066	1.009	5.3	102	0.00
26	M	Trichloroethene	0.273	0.246	9.9	100	0.00
27		Dibromomethane	0.153	0.137	10.5	104	0.00
28	CP	1,2-Dichloropropane	0.256	0.238	7.0	107	0.00
29		Bromodichloromethane	0.287	0.270	5.9	106	0.00
30		4-Methyl-2-pentanone	0.272	0.300	-10.3	139	0.00
31		cis-1,3-Dichloropropene	0.390	0.377	3.3	107	0.00
32	S	Toluene-d8	0.870	0.839	3.6	103	0.00
33	CPM	Toluene	0.717	0.646	9.9	104	0.00
34		trans-1,3-Dichloropropene	0.345	0.332	3.8	108	0.00
35		1,1,2-Trichloroethane	0.201	0.180	10.4	103	0.00
36		1,2-Dibromoethane	0.221	0.203	8.1	112	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
38		1,3-Dichloropropane	1.097	0.997	9.1	106	0.00
[illegible]9		Dibromochloromethane	0.537	0.520	3.2	109	0.00
[illegible]		Tetrachloroethene	0.627	0.580	7.5	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.786	5.3	105	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.515	3.4	117	0.00
43	PM	Chlorobenzene	1.856	1.717	7.5	111	0.00
44	CP	Ethylbenzene	2.970	2.901	2.3	110	0.00
45		(m+p)-Xylene	1.026	0.991	3.4	111	0.00
46		o-Xylene	1.007	0.974	3.3	111	0.00
47		Styrene	1.634	1.612	1.3	111	0.00
48	P	Bromoform	0.320	0.302	5.6	120	0.00
49	S	Bromofluorobenzene	0.781	0.713	8.7	115	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.266	5.3	114	0.00
52		Isopropylbenzene	3.968	3.932	0.9	109	0.00
53		1,2,3-Trichloropropane	1.161	1.035	10.9	115	0.00
		Bromobenzene	1.023	0.941	8.0	112	0.00
55		n-Propylbenzene	4.434	4.348	1.9	108	0.00
56		2-Chlorotoluene	3.005	2.876	4.3	111	0.00
57		4-Chlorotoluene	2.570	2.450	4.7	109	0.00
58		1,3,5-Trimethylbenzene	2.708	2.629	2.9	109	0.00
59		tert-Butylbenzene	2.575	2.441	5.2	107	0.00
60		1,2,4-Trimethylbenzene	2.499	2.455	1.8	110	0.00
61		sec-Butylbenzene	3.877	3.761	3.0	105	0.00
62		1,3-Dichlorobenzene	1.668	1.569	5.9	110	0.00
63		p-Isopropyltoluene	2.803	2.740	2.2	105	0.00
64		1,4-Dichlorobenzene	1.666	1.517	8.9	108	0.00
65		n-Butylbenzene	2.486	2.387	4.0	104	0.00
66		1,2-Dichlorobenzene	1.579	1.507	4.6	112	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.136	2.2	119	0.00
68		1,2,4-Trichlorobenzene	0.659	0.655	0.6	110	0.00
69		Hexachlorobutadiene	0.453	0.403	11.0	97	0.00
70		Naphthalene	1.519	1.448	4.7	118	0.00
71		1,2,3-Trichlorobenzene	0.601	0.563	6.3	111	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	102	0.00
2		Dichlorodifluoromethane	50.000	49.259	1.5	114	0.00
3	P	Chloromethane	50.000	52.960	-5.9	122	0.00
4	CP	Vinyl chloride	50.000	49.435	1.1	111	0.00
5		Bromomethane	50.000	51.557	-3.1	116	0.00
6		Chloroethane	50.000	47.824	4.4	108	0.00
7		Trichlorofluoromethane	50.000	46.185	7.6	101	0.00
8		Acetone	100.000	94.697	5.3	134	0.00
9	CPM	1,1-Dichloroethene	50.000	46.466	7.1	100	0.00
10		Methylene chloride	50.000	45.331	9.3	101	0.00
11		trans-1,2-Dichloroethene	50.000	46.699	6.6	100	0.00
12		Methyl tert-Butyl ether	50.000	45.782	8.4	108	0.00
13	P	1,1-Dichloroethane	50.000	47.691	4.6	106	0.00
14		2-Butanone	100.000	108.312	-8.3	135	0.00
[illegible]		cis-1,2-Dichloroethene	50.000	46.388	7.2	101	0.00
[illegible]		Bromochloromethane	50.000	45.110	9.8	102	0.00
17	CP	Chloroform	50.000	46.122	7.8	103	0.00
18		2,2-Dichloropropane	50.000	47.374	5.3	101	0.00
19	S	Dibromofluoromethane	50.000	45.082	9.8	102	0.00
20	S	1,2-Dichloroethane-d4	50.000	44.297	11.4	108	0.00
21		1,2-Dichloroethane	50.000	46.163	7.7	108	0.00
22		1,1,1-Trichloroethane	50.000	46.944	6.1	102	0.00
23		1,1-Dichloropropene	50.000	47.394	5.2	101	0.00
24		Carbon tetrachloride	50.000	48.777	2.4	98	0.00
25	M	Benzene	50.000	47.349	5.3	102	0.00
26	M	Trichloroethene	50.000	44.964	10.1	100	0.00
27		Dibromomethane	50.000	44.616	10.8	104	0.00
28	CP	1,2-Dichloropropane	50.000	46.459	7.1	107	0.00
29		Bromodichloromethane	50.000	43.397	13.2	106	0.00
30		4-Methyl-2-pentanone	100.000	100.395	-0.4	139	0.00
31		cis-1,3-Dichloropropene	50.000	44.221	11.6	107	0.00
32	S	Toluene-d8	50.000	48.199	3.6	103	0.00
33	CPM	Toluene	50.000	45.034	9.9	104	0.00
34		trans-1,3-Dichloropropene	50.000	43.524	13.0	108	0.00
35		1,1,2-Trichloroethane	50.000	44.780	10.4	103	0.00
36		1,2-Dibromoethane	50.000	42.948	14.1	112	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
38		1,3-Dichloropropane	50.000	45.420	9.2	106	0.00
[illegible]		Dibromochloromethane	50.000	42.614	14.8	109	0.00
[illegible]		Tetrachloroethene	50.000	46.242	7.5	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D Vial: 18
Acq On : 27 Jun 2007 6:27 Operator: ABM
Sample : CCV-10091 Inst : #3MS10
Misc : CCV ,8260SAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	47.382	5.2	105	0.00
42		1,1,1,2-Tetrachloroethane	50.000	43.863	12.3	117	0.00
43	PM	Chlorobenzene	50.000	46.257	7.5	111	0.00
44	CP	Ethylbenzene	50.000	48.829	2.3	110	0.00
45		(m+p)-Xylene	100.000	96.588	3.4	111	0.00
46		o-Xylene	50.000	48.344	3.3	111	0.00
47		Styrene	50.000	45.289	9.4	111	0.00
48	P	Bromoform	50.000	48.209	3.6	120	0.00
49	S	Bromofluorobenzene	50.000	45.667	8.7	115	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	47.361	5.3	114	0.00
52		Isopropylbenzene	50.000	49.540	0.9	109	0.00
53		1,2,3-Trichloropropane	50.000	44.595	10.8	115	0.00
[illegible]		Bromobenzene	50.000	46.003	8.0	112	0.00
[illegible]		n-Propylbenzene	50.000	49.038	1.9	108	0.00
56		2-Chlorotoluene	50.000	47.855	4.3	111	0.00
57		4-Chlorotoluene	50.000	47.655	4.7	109	0.00
58		1,3,5-Trimethylbenzene	50.000	48.532	2.9	109	0.00
59		tert-Butylbenzene	50.000	47.390	5.2	107	0.00
60		1,2,4-Trimethylbenzene	50.000	49.108	1.8	110	0.00
61		sec-Butylbenzene	50.000	48.507	3.0	105	0.00
62		1,3-Dichlorobenzene	50.000	47.055	5.9	110	0.00
63		p-Isopropyltoluene	50.000	48.879	2.2	105	0.00
64		1,4-Dichlorobenzene	50.000	45.534	8.9	108	0.00
65		n-Butylbenzene	50.000	48.014	4.0	104	0.00
66		1,2-Dichlorobenzene	50.000	47.722	4.6	112	0.00
67		1,2-Dibromo-3-chloropropane	50.000	44.140	11.7	119	0.00
68		1,2,4-Trichlorobenzene	50.000	49.701	0.6	110	0.00
69		Hexachlorobutadiene	50.000	44.437	11.1	97	0.00
70		Naphthalene	50.000	47.683	4.6	118	0.00
71		1,2,3-Trichlorobenzene	50.000	46.819	6.4	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J3416.D J625AF31.M Thu Jun 28 06:48:25 2007 Pa 228

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10069 CCV #1 ID: CCV-10171 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	67	0.00
2		Dichlorodifluoromethane	0.201	0.180	10.4	68	0.00
3	P	Chloromethane	0.210	0.229	-9.0	83	0.00
4	CP	Vinyl chloride	0.250	0.262	-4.8	77	0.00
5		Bromomethane	0.212	0.232	-9.4	81	0.00
6		Chloroethane	0.087	0.121	-39.1#	103	0.00
7		Trichlorofluoromethane	0.276	0.361	-30.8#	94	0.00
8		Acetone	0.101	0.093	7.9	85	0.00
9	CPM	1,1-Dichloroethene	0.192	0.188	2.1	69	0.00
10		Methylene chloride	0.295	0.255	13.6	71	0.00
11		trans-1,2-Dichloroethene	0.236	0.231	2.1	69	0.00
12		Methyl tert-Butyl ether	0.695	0.623	10.4	69	0.00
13	P	1,1-Dichloroethane	0.427	0.448	-4.9	77	0.00
14		2-Butanone	0.143	0.134	6.3	80	0.00
15		cis-1,2-Dichloroethene	0.273	0.268	1.8	70	0.00
16		Bromochloromethane	0.127	0.111	12.6	65	0.00
17	CP	Chloroform	0.422	0.422	0.0	73	0.00
18		2,2-Dichloropropane	0.332	0.343	-3.3	72	0.00
19	S	Dibromofluoromethane	0.215	0.200	7.0	69	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.246	6.8	74	0.00
21		1,2-Dichloroethane	0.307	0.296	3.6	74	0.00
22		1,1,1-Trichloroethane	0.339	0.339	0.0	71	0.00
23		1,1-Dichloropropene	0.320	0.333	-4.1	73	0.00
24		Carbon tetrachloride	0.214	0.220	-2.8	71	0.00
25	M	Benzene	1.066	1.117	-4.8	74	0.00
26	M	Trichloroethene	0.273	0.263	3.7	70	0.00
27		Dibromomethane	0.153	0.138	9.8	69	0.00
28	CP	1,2-Dichloropropane	0.256	0.255	0.4	75	0.00
29		Bromodichloromethane	0.287	0.280	2.4	72	0.00
30		4-Methyl-2-pentanone	0.272	0.256	5.9	78	0.00
31		cis-1,3-Dichloropropene	0.390	0.388	0.5	72	0.00
32	S	Toluene-d8	0.870	0.888	-2.1	72	0.00
33	CPM	Toluene	0.717	0.677	5.6	71	0.00
34		trans-1,3-Dichloropropene	0.345	0.333	3.5	71	0.00
35		1,1,2-Trichloroethane	0.201	0.183	9.0	69	0.00
36		1,2-Dibromoethane	0.221	0.195	11.8	70	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
38		1,3-Dichloropropane	1.097	0.997	9.1	70	0.00
39		Dibromochloromethane	0.537	0.478	11.0	66	0.00
40		Tetrachloroethene	0.627	0.554	11.6	62	0.00

(#) = Out of Range

ABM 7-5-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.869	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.499	6.4	75	0.00
43	PM	Chlorobenzene	1.856	1.739	6.3	74	0.00
44	CP	Ethylbenzene	2.970	3.091	-4.1	77	0.00
45		(m+p)-Xylene	1.026	1.018	0.8	75	0.00
46		o-Xylene	1.007	0.982	2.5	74	0.00
47		Styrene	1.634	1.609	1.5	73	0.00
48	P	Bromoform	0.320	0.256	20.0	67	0.00
49	S	Bromofluorobenzene	0.781	0.703	10.0	75	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.357	-1.5	71	0.00
52		Isopropylbenzene	3.968	4.723	-19.0	76	0.00
53		1,2,3-Trichloropropane	1.161	1.128	2.8	72	0.00
54		Bromobenzene	1.023	0.983	3.9	67	0.00
55		n-Propylbenzene	4.434	5.437	-22.6#	78	0.00
56		2-Chlorotoluene	3.005	3.415	-13.6	76	0.00
57		4-Chlorotoluene	2.570	2.932	-14.1	75	0.00
58		1,3,5-Trimethylbenzene	2.708	3.125	-15.4	75	0.00
59		tert-Butylbenzene	2.575	2.894	-12.4	73	0.00
60		1,2,4-Trimethylbenzene	2.499	2.863	-14.6	74	0.00
61		sec-Butylbenzene	3.877	4.639	-19.7	75	0.00
62		1,3-Dichlorobenzene	1.668	1.682	-0.8	68	0.00
63		p-Isopropyltoluene	2.803	3.151	-12.4	70	0.00
64		1,4-Dichlorobenzene	1.666	1.654	0.7	68	0.00
65		n-Butylbenzene	2.486	2.956	-18.9	74	0.00
66		1,2-Dichlorobenzene	1.579	1.586	-0.4	68	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.205	-47.5#	104	0.00
68		1,2,4-Trichlorobenzene	0.659	0.797	-20.9#	77	0.00
69		Hexachlorobutadiene	0.453	0.482	-6.4	67	0.00
70		Naphthalene	1.519	2.090	-37.6#	98	0.00
71		1,2,3-Trichlorobenzene	0.601	0.743	-23.6#	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	67	0.00
2		Dichlorodifluoromethane	50.000	44.919	10.2	68	0.00
3	P	Chloromethane	50.000	54.666	-9.3	83	0.00
4	CP	Vinyl chloride	50.000	52.424	-4.8	77	0.00
5		Bromomethane	50.000	54.580	-9.2	81	0.00
6		Chloroethane	50.000	69.287	-38.6#	103	0.00
7		Trichlorofluoromethane	50.000	65.382	-30.8#	94	0.00
8		Acetone	100.000	91.832	8.2	85	0.00
9	CPM	1,1-Dichloroethene	50.000	49.003	2.0	69	0.00
10		Methylene chloride	50.000	48.311	3.4	71	0.00
11		trans-1,2-Dichloroethene	50.000	48.988	2.0	69	0.00
12		Methyl tert-Butyl ether	50.000	44.774	10.5	69	0.00
13	P	1,1-Dichloroethane	50.000	52.543	-5.1	77	0.00
14		2-Butanone	100.000	99.484	0.5	80	0.00
15		cis-1,2-Dichloroethene	50.000	49.026	1.9	70	0.00
16		Bromochloromethane	50.000	43.759	12.5	65	0.00
17	CP	Chloroform	50.000	49.999	0.0	73	0.00
18		2,2-Dichloropropane	50.000	51.584	-3.2	72	0.00
19	S	Dibromofluoromethane	50.000	46.343	7.3	69	0.00
20	S	1,2-Dichloroethane-d4	50.000	46.492	7.0	74	0.00
21		1,2-Dichloroethane	50.000	48.218	3.6	74	0.00
22		1,1,1-Trichloroethane	50.000	49.975	0.0	71	0.00
23		1,1-Dichloropropene	50.000	52.091	-4.2	73	0.00
24		Carbon tetrachloride	50.000	53.007	-6.0	71	0.00
25	M	Benzene	50.000	52.390	-4.8	74	0.00
26	M	Trichloroethene	50.000	48.211	3.6	70	0.00
27		Dibromomethane	50.000	45.170	9.7	69	0.00
28	CP	1,2-Dichloropropane	50.000	49.694	0.6	75	0.00
29		Bromodichloromethane	50.000	44.823	10.4	72	0.00
30		4-Methyl-2-pentanone	100.000	87.366	12.6	78	0.00
31		cis-1,3-Dichloropropene	50.000	45.269	9.5	72	0.00
32	S	Toluene-d8	50.000	51.042	-2.1	72	0.00
33	CPM	Toluene	50.000	47.187	5.6	71	0.00
34		trans-1,3-Dichloropropene	50.000	43.679	12.6	71	0.00
35		1,1,2-Trichloroethane	50.000	45.619	8.8	69	0.00
36		1,2-Dibromoethane	50.000	41.378	17.2	70	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
38		1,3-Dichloropropane	50.000	45.421	9.2	70	0.00
39		Dibromochloromethane	50.000	39.753	20.5#	66	0.00
40		Tetrachloroethene	50.000	44.121	11.8	62	0.00

(#) = Out of Range
J3548.D J625AF31.M Thu Jul 05 08:40:05 2007

ABM-7-5-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	52.362	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	50.000	42.753	14.5	75	0.00
43	PM	Chlorobenzene	50.000	46.830	6.3	74	0.00
44	CP	Ethylbenzene	50.000	52.034	-4.1	77	0.00
45		(m+p)-Xylene	100.000	99.148	0.9	75	0.00
46		o-Xylene	50.000	48.742	2.5	74	0.00
47		Styrene	50.000	45.204	9.6	73	0.00
48	P	Bromoform	50.000	42.099	15.8	67	0.00
49	S	Bromofluorobenzene	50.000	44.983	10.0	75	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	50.742	-1.5	71	0.00
52		Isopropylbenzene	50.000	59.516	-19.0	76	0.00
53		1,2,3-Trichloropropane	50.000	48.586	2.8	72	0.00
54		Bromobenzene	50.000	48.046	3.9	67	0.00
55		n-Propylbenzene	50.000	61.320	-22.6#	78	0.00
56		2-Chlorotoluene	50.000	56.826	-13.7	76	0.00
57		4-Chlorotoluene	50.000	57.046	-14.1	75	0.00
58		1,3,5-Trimethylbenzene	50.000	57.700	-15.4	75	0.00
59		tert-Butylbenzene	50.000	56.186	-12.4	73	0.00
60		1,2,4-Trimethylbenzene	50.000	57.281	-14.6	74	0.00
61		sec-Butylbenzene	50.000	59.833	-19.7	75	0.00
62		1,3-Dichlorobenzene	50.000	50.430	-0.9	68	0.00
63		p-Isopropyltoluene	50.000	56.215	-12.4	70	0.00
64		1,4-Dichlorobenzene	50.000	49.631	0.7	68	0.00
65		n-Butylbenzene	50.000	59.462	-18.9	74	0.00
66		1,2-Dichlorobenzene	50.000	50.224	-0.4	68	0.00
67		1,2-Dibromo-3-chloropropane	50.000	62.824	-25.6#	104	0.00
68		1,2,4-Trichlorobenzene	50.000	60.444	-20.9#	77	0.00
69		Hexachlorobutadiene	50.000	53.103	-6.2	67	0.00
70		Naphthalene	50.000	68.799	-37.6#	98	0.00
71		1,2,3-Trichlorobenzene	50.000	61.813	-23.6#	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J3548.D J625AF31.M Thu Jul 05 08:40:06 2007 P

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10190 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190,96,97
Misc : CCV ,8260WAF 40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	103	0.00
2		Dichlorodifluoromethane	0.519	0.551	-6.2	100	0.00
3	P	Chloromethane	0.169	0.159	5.9	98	0.00
4	CP	Vinyl chloride	0.176	0.203	-15.3	110	0.00
5		Bromomethane	0.245	0.201	18.0	79	0.00
6		Chloroethane	0.112	0.126	-12.5	104	0.00
7		Trichlorofluoromethane	0.837	0.950	-13.5	106	0.00
8		Acetone	0.027	0.030#	-11.1	112	0.00
9	CPM	1,1-Dichloroethene	0.230	0.272	-18.3	115	0.00
10		Methylene chloride	0.303	0.319	-5.3	111	0.00
11		trans-1,2-Dichloroethene	0.322	0.352	-9.3	107	0.00
12		Methyl tert-Butyl ether	0.459	0.465	-1.3	102	0.00
13	P	1,1-Dichloroethane	0.618	0.669	-8.3	106	0.00
14		2-Butanone	0.050	0.044#	12.0	91	0.00
15		cis-1,2-Dichloroethene	0.349	0.381	-9.2	105	0.00
16		Bromochloromethane	0.211	0.218	-3.3	105	0.00
17	CP	Chloroform	0.838	0.853	-1.8	100	0.00
18		2,2-Dichloropropane	0.577	0.591	-2.4	102	0.00
19	S	Dibromofluoromethane	0.795	0.811	-2.0	100	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.303	2.6	97	0.00
21		1,2-Dichloroethane	0.376	0.362	3.7	96	0.00
22		1,1,1-Trichloroethane	0.738	0.770	-4.3	102	0.00
23		1,1-Dichloropropene	0.483	0.521	-7.9	105	0.00
24		Carbon tetrachloride	0.775	0.782	-0.9	97	0.00
25	M	Benzene	0.799	0.839	-5.0	105	0.00
26	M	Trichloroethene	0.480	0.506	-5.4	100	0.00
27		Dibromomethane	0.360	0.363	-0.8	99	0.00
28	CP	1,2-Dichloropropane	0.324	0.334	-3.1	102	0.00
29		Bromodichloromethane	0.899	0.915	-1.8	98	0.00
30		4-Methyl-2-pentanone	0.181	0.174	3.9	94	0.00
31		cis-1,3-Dichloropropene	0.520	0.535	-2.9	99	0.00
32	S	Toluene-d8	0.863	0.928	-7.5	104	0.00
33	CPM	Toluene	0.549	0.596	-8.6	105	0.00
34		trans-1,3-Dichloropropene	0.386	0.391	-1.3	101	0.00
35		1,1,2-Trichloroethane	0.239	0.248	-3.8	102	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
37		1,2-Dibromoethane	0.779	0.794	-1.9	101	0.00
38		1,3-Dichloropropane	0.701	0.746	-6.4	106	0.00
39		Dibromochloromethane	1.249	1.261	-1.0	99	0.00
40		Tetrachloroethene	1.006	1.051	-4.5	102	0.00

(#) = Out of Range

JK 14 7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190,96,97
Misc : CCV ,8260WAF 40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.737	-11.0	107	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.860	-2.4	102	0.00
43	PM	Chlorobenzene	1.332	1.392	-4.5	101	0.00
44	CP	Ethylbenzene	1.851	1.955	-5.6	103	0.00
45		(m+p)-Xylene	0.683	0.725	-6.1	105	0.00
46		o-Xylene	0.708	0.760	-7.3	108	0.00
47		Styrene	1.195	1.267	-6.0	105	0.00
48	P	Bromoform	0.698	0.725	-3.9	102	0.00
49	S	Bromofluorobenzene	1.407	1.449	-3.0	105	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.893	-5.4	103	0.00
52		Isopropylbenzene	2.503	2.728	-9.0	105	0.00
53		1,2,3-Trichloropropane	0.501	0.506	-1.0	102	0.00
54		Bromobenzene	0.984	0.995	-1.1	98	0.00
55		n-Propylbenzene	2.996	3.308	-10.4	103	0.00
56		2-Chlorotoluene	2.343	2.553	-9.0	108	0.00
57		4-Chlorotoluene	2.374	2.458	-3.5	95	0.00
58		1,3,5-Trimethylbenzene	1.923	2.021	-5.1	101	0.00
59		tert-Butylbenzene	2.016	2.197	-9.0	105	0.00
60		1,2,4-Trimethylbenzene	1.773	1.854	-4.6	101	0.00
61		sec-Butylbenzene	2.746	3.083	-12.3	105	0.00
62		1,3-Dichlorobenzene	1.606	1.721	-7.2	103	0.00
63		p-Isopropyltoluene	2.066	2.241	-8.5	103	0.00
64		1,4-Dichlorobenzene	1.487	1.598	-7.5	103	0.00
65		n-Butylbenzene	1.764	1.857	-5.3	100	0.00
66		1,2-Dichlorobenzene	1.443	1.600	-10.9	106	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.209	0.9	91	0.00
68		1,2,4-Trichlorobenzene	0.951	1.015	-6.7	103	0.00
69		Hexachlorobutadiene	0.835	0.912	-9.2	103	0.00
70		Naphthalene	0.749	0.712	4.9	98	0.00
71		1,2,3-Trichlorobenzene	0.859	0.879	-2.3	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190, 96, 97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	103	0.00
2		Dichlorodifluoromethane	10.000	10.620	-6.2	100	0.00
3	P	Chloromethane	10.000	9.365	6.3	98	0.00
4	CP	Vinyl chloride	10.000	11.330	-13.3	110	0.00
5		Bromomethane	10.000	8.192	18.1	79	0.00
6		Chloroethane	10.000	11.212	-12.1	104	0.00
7		Trichlorofluoromethane	10.000	11.351	-13.5	106	0.00
8		Acetone	20.000	22.101	-10.5	112	0.00
9	CPM	1,1-Dichloroethene	10.000	11.830	-18.3	115	0.00
10		Methylene chloride	10.000	10.539	-5.4	111	0.00
11		trans-1,2-Dichloroethene	10.000	10.924	-9.2	107	0.00
12		Methyl tert-Butyl ether	10.000	10.113	-1.1	102	0.00
13	P	1,1-Dichloroethane	10.000	10.838	-8.4	106	0.00
14		2-Butanone	20.000	17.696	11.5	91	0.00
15		cis-1,2-Dichloroethene	10.000	10.932	-9.3	105	0.00
16		Bromochloromethane	10.000	10.312	-3.1	105	0.00
17	CP	Chloroform	10.000	10.175	-1.8	100	0.00
18		2,2-Dichloropropane	10.000	10.243	-2.4	102	0.00
19	S	Dibromofluoromethane	10.000	10.200	-2.0	100	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.750	2.5	97	0.00
21		1,2-Dichloroethane	10.000	9.641	3.6	96	0.00
22		1,1,1-Trichloroethane	10.000	10.443	-4.4	102	0.00
23		1,1-Dichloropropene	10.000	10.793	-7.9	105	0.00
24		Carbon tetrachloride	10.000	10.090	-0.9	97	0.00
25	M	Benzene	10.000	10.499	-5.0	105	0.00
26	M	Trichloroethene	10.000	10.529	-5.3	100	0.00
27		Dibromomethane	10.000	10.098	-1.0	99	0.00
28	CP	1,2-Dichloropropane	10.000	10.283	-2.8	102	0.00
29		Bromodichloromethane	10.000	10.177	-1.8	98	0.00
30		4-Methyl-2-pentanone	20.000	19.200	4.0	94	0.00
31		cis-1,3-Dichloropropene	10.000	10.293	-2.9	99	0.00
32	S	Toluene-d8	10.000	10.759	-7.6	104	0.00
33	CPM	Toluene	10.000	10.864	-8.6	105	0.00
34		trans-1,3-Dichloropropene	10.000	10.131	-1.3	101	0.00
35		1,1,2-Trichloroethane	10.000	10.400	-4.0	102	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	98	0.00
37		1,2-Dibromoethane	10.000	10.188	-1.9	101	0.00
38		1,3-Dichloropropane	10.000	10.643	-6.4	106	0.00
39		Dibromochloromethane	10.000	10.096	-1.0	99	0.00
40		Tetrachloroethene	10.000	10.442	-4.4	102	0.00

(#) = Out of Range

7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190,96,97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.098	-11.0	107	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.242	-2.4	102	0.00
43	PM	Chlorobenzene	10.000	10.446	-4.5	101	0.00
44	CP	Ethylbenzene	10.000	10.560	-5.6	103	0.00
45		(m+p)-Xylene	20.000	21.209	-6.0	105	0.00
46		o-Xylene	10.000	10.742	-7.4	108	0.00
47		Styrene	10.000	10.605	-6.1	105	0.00
48	P	Bromoform	10.000	10.379	-3.8	102	0.00
49	S	Bromofluorobenzene	10.000	10.298	-3.0	105	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	100	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.547	-5.5	103	0.00
52		Isopropylbenzene	10.000	10.896	-9.0	105	0.00
53		1,2,3-Trichloropropane	10.000	10.111	-1.1	102	0.00
54		Bromobenzene	10.000	10.115	-1.2	98	0.00
55		n-Propylbenzene	10.000	11.044	-10.4	103	0.00
56		2-Chlorotoluene	10.000	10.896	-9.0	108	0.00
57		4-Chlorotoluene	10.000	10.352	-3.5	95	0.00
58		1,3,5-Trimethylbenzene	10.000	10.507	-5.1	101	0.00
59		tert-Butylbenzene	10.000	10.897	-9.0	105	0.00
60		1,2,4-Trimethylbenzene	10.000	10.455	-4.6	101	0.00
61		sec-Butylbenzene	10.000	11.227	-12.3	105	0.00
62		1,3-Dichlorobenzene	10.000	10.717	-7.2	103	0.00
63		p-Isopropyltoluene	10.000	10.849	-8.5	103	0.00
64		1,4-Dichlorobenzene	10.000	10.749	-7.5	103	0.00
65		n-Butylbenzene	10.000	10.525	-5.3	100	0.00
66		1,2-Dichlorobenzene	10.000	11.089	-10.9	106	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.889	1.1	91	0.00
68		1,2,4-Trichlorobenzene	10.000	10.668	-6.7	103	0.00
69		Hexachlorobutadiene	10.000	10.922	-9.2	103	0.00
70		Naphthalene	10.000	9.512	4.9	98	0.00
71		1,2,3-Trichlorobenzene	10.000	10.228	-2.3	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706110

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10015**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo:	**10015**		
Client ID: **ZZZZZ**	Batch ID: **R10015**	Method: **SW8260B**		Analysis Date: **6/20/2007**		SeqNo:	**276507**		
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**							

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.00500									
1,1,1,2-Tetrachloroethane	ND	0.00300									
1,1,1-Trichloroethane	ND	0.00500									
1,1,2,2-Tetrachloroethane	ND	0.00300									
1,1,2-Trichloroethane	ND	0.00500									
1,1-Dichloroethane	ND	0.00500									
1,1-Dichloroethene	ND	0.00600									
1,1-Dichloropropene	ND	0.00500									
1,2,3-Trichlorobenzene	0.000510	0.00500									J
1,2,3-Trichloropropane	ND	0.00500									
1,2,4-Trichlorobenzene	ND	0.00500									
1,2,4-Trimethylbenzene	ND	0.00600									
1,2-Dibromo-3-chloropropane	ND	0.0100									
1,2-Dibromoethane	ND	0.00500									
1,2-Dichlorobenzene	ND	0.00500									
1,2-Dichloroethane	ND	0.00300									
1,2-Dichloropropane	ND	0.00500									
1,3,5-Trimethylbenzene	ND	0.00500									
1,3-Dichlorobenzene	ND	0.00600									
1,3-Dichloropropane	ND	0.00250									
1,4-Dichlorobenzene	ND	0.00250									
1-Chlorohexane	ND	0.00500									
2,2-Dichloropropane	ND	0.00500									
2-Butanone	ND	0.0200									
2-Chlorotoluene	ND	0.00500									
4-Chlorotoluene	ND	0.00500									
4-Methyl-2-pentanone	ND	0.0200									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706110
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10015**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**		Prep Date:				RunNo:	**10015**		
Client ID: **ZZZZZ**	Batch ID: **R10015**	Method: **SW8260B**			Analysis Date: **6/20/2007**				SeqNo:	**276507**		
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	0.0500									
Benzene	ND	0.00250									
Bromobenzene	ND	0.00500									
Bromochloromethane	ND	0.00500									
Bromodichloromethane	ND	0.00250									
Bromoform	ND	0.00600									
Bromomethane	ND	0.0100									
Carbon tetrachloride	ND	0.00500									
Chlorobenzene	ND	0.00250									
Chloroethane	ND	0.00500									
Chloroform	ND	0.00250									
Chloromethane	ND	0.00500									
cis-1,2-Dichloroethene	ND	0.00500									
cis-1,3-Dichloropropene	ND	0.00300									
Dibromochloromethane	ND	0.00300									
Dibromomethane	ND	0.00500									
Dichlorodifluoromethane	ND	0.00500									
Ethylbenzene	ND	0.00500									
Hexachlorobutadiene	ND	0.00300									
Isopropylbenzene	ND	0.00500									
Methyl tert-butyl ether	ND	0.0200									
Methylene chloride	ND	0.00500									
n-Butylbenzene	ND	0.00500									
n-Propylbenzene	ND	0.00500									
Naphthalene	0.00120	0.00500									J
o-Xylene	ND	0.00500									
p-Isopropyltoluene	ND	0.00600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706110

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10015**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**		Prep Date:					RunNo: **10015**			
Client ID: **ZZZZZ**	Batch ID: **R10015**	Method: **SW8260B**			Analysis Date: **6/20/2007**					SeqNo: **276507**			
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**											
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
sec-Butylbenzene	ND	0.00500											
Styrene	ND	0.00500											
tert-Butylbenzene	ND	0.00500											
Tetrachloroethene	ND	0.00500											
Toluene	ND	0.00500											
trans-1,2-Dichloroethene	ND	0.00500											
trans-1,3-Dichloropropene	ND	0.00500											
Trichloroethene	ND	0.00500											
Trichlorofluoromethane	ND	0.00500											
Vinyl chloride	ND	0.00500											
Xylenes (total)	ND	0.00500											
Surr: 1,2-Dichloroethane-d4	0.0529	0	0.05	0	106	52	149						
Surr: 4-Bromofluorobenzene	0.0456	0	0.05	0	91	84	118						
Surr: Dibromofluoromethane	0.0520	0	0.05	0	104	65	135						
Surr: Toluene-d8	0.0556	0	0.05	0	111	84	116						

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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09-Jul-07

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706110
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10016**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:				RunNo:	**10016**			
Client ID: **ZZZZZ**	Batch ID: **5619**	Method: **SW8260B (SW5035_Me**		Analysis Date: **6/21/2007**				SeqNo:	**276194**			
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
1,1,1-Trichloroethane	ND	0.500									
1,1,2,2-Tetrachloroethane	ND	0.300									
1,1,2-Trichloroethane	ND	0.500									
1,1-Dichloroethane	ND	0.500									
1,1-Dichloroethene	ND	0.600									
1,1-Dichloropropene	ND	0.500									
1,2,3-Trichlorobenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.500									
1,2,4-Trichlorobenzene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.600									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dichloroethane	ND	0.300									
1,2-Dichloropropane	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.600									
1,3-Dichloropropane	ND	0.250									
1,4-Dichlorobenzene	ND	0.250									
1-Chlorohexane	ND	0.500									
2,2-Dichloropropane	ND	0.500									
2-Butanone	ND	2.00									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
4-Methyl-2-pentanone	ND	2.00									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706110
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10016**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:				RunNo:	**10016**			
Client ID: **ZZZZZ**	Batch ID: **5619**	Method: **SW8260B**	**(SW5035_Me**	Analysis Date: **6/21/2007**				SeqNo:	**276194**			
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	ND	5.00										
Benzene	ND	0.250										
Bromobenzene	ND	0.500										
Bromochloromethane	ND	0.500										
Bromodichloromethane	ND	0.250										
Bromoform	ND	0.600										
Bromomethane	ND	1.00										
Carbon tetrachloride	ND	0.500										
Chlorobenzene	ND	0.250										
Chloroethane	ND	0.500										
Chloroform	ND	0.250										
Chloromethane	ND	0.500										
cis-1,2-Dichloroethene	ND	0.500										
cis-1,3-Dichloropropene	ND	0.300										
Dibromochloromethane	ND	0.300										
Dibromomethane	ND	0.500										
Dichlorodifluoromethane	ND	0.500										
Ethylbenzene	ND	0.500										
Hexachlorobutadiene	ND	0.300										
Isopropylbenzene	ND	0.500										
Methyl tert-butyl ether	ND	2.00										
Methylene chloride	ND	0.500										
n-Butylbenzene	ND	0.500										
n-Propylbenzene	ND	0.500										
Naphthalene	ND	0.500										
o-Xylene	ND	0.500										
p-Isopropyltoluene	ND	0.600										

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706110
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10016**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:		RunNo:	**10016**
Client ID: **ZZZZZ**	Batch ID: **5619**	Method: **SW8260B**	**(SW5035_Me**	Analysis Date: **6/21/2007**		SeqNo:	**276194**
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**					

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.500									
Styrene	ND	0.500									
tert-Butylbenzene	ND	0.500									
Tetrachloroethene	ND	0.500									
Toluene	ND	0.500									
trans-1,2-Dichloroethene	ND	0.500									
trans-1,3-Dichloropropene	ND	0.500									
Trichloroethene	ND	0.500									
Trichlorofluoromethane	ND	0.500									
Vinyl chloride	ND	0.500									
Xylenes (total)	ND	1.00									
Surr: 1,2-Dichloroethane-d4	2.70	0	2.5	0	108	52	149				
Surr: 4-Bromofluorobenzene	2.23	0	2.5	0	89	84	118				
Surr: Dibromofluoromethane	2.60	0	2.5	0	104	65	135				
Surr: Toluene-d8	2.50	0	2.5	0	100	84	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10023**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo:	**10023**		
Client ID: **ZZZZZ**	Batch ID: **R10023**	Method: **SW8260B**		Analysis Date: **6/21/2007**		SeqNo:	**280402**		
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**		**Rtx-VMS, 1.0 df**						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.00500									
1,1,1,2-Tetrachloroethane	ND	0.00300									
1,1,1-Trichloroethane	ND	0.00500									
1,1,2,2-Tetrachloroethane	ND	0.00300									
1,1,2-Trichloroethane	ND	0.00500									
1,1-Dichloroethane	ND	0.00500									
1,1-Dichloroethene	ND	0.00600									
1,1-Dichloropropene	ND	0.00500									
1,2,3-Trichlorobenzene	0.000810	0.00500									J
1,2,3-Trichloropropane	ND	0.00500									
1,2,4-Trichlorobenzene	0.000530	0.00500									J
1,2,4-Trimethylbenzene	ND	0.00600									
1,2-Dibromo-3-chloropropane	ND	0.0100									
1,2-Dibromoethane	ND	0.00500									
1,2-Dichlorobenzene	ND	0.00500									
1,2-Dichloroethane	ND	0.00300									
1,2-Dichloropropane	ND	0.00500									
1,3,5-Trimethylbenzene	ND	0.00500									
1,3-Dichlorobenzene	ND	0.00600									
1,3-Dichloropropane	ND	0.00250									
1,4-Dichlorobenzene	ND	0.00250									
1-Chlorohexane	ND	0.00500									
2,2-Dichloropropane	ND	0.00500									
2-Butanone	ND	0.0200									
2-Chlorotoluene	ND	0.00500									
4-Chlorotoluene	ND	0.00500									
4-Methyl-2-pentanone	ND	0.0200									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10023**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo:	**10023**		
Client ID: **ZZZZZ**	Batch ID: **R10023**	Method: **SW8260B**		Analysis Date: **6/21/2007**		SeqNo:	**280402**		
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**							

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	0.0500									
Benzene	ND	0.00250									
Bromobenzene	ND	0.00500									
Bromochloromethane	ND	0.00500									
Bromodichloromethane	ND	0.00250									
Bromoform	ND	0.00600									
Bromomethane	ND	0.0100									
Carbon tetrachloride	ND	0.00500									
Chlorobenzene	ND	0.00250									
Chloroethane	ND	0.00500									
Chloroform	ND	0.00250									
Chloromethane	ND	0.00500									
cis-1,2-Dichloroethene	ND	0.00500									
cis-1,3-Dichloropropene	ND	0.00300									
Dibromochloromethane	ND	0.00300									
Dibromomethane	ND	0.00500									
Dichlorodifluoromethane	ND	0.00500									
Ethylbenzene	ND	0.00500									
Hexachlorobutadiene	ND	0.00300									
Isopropylbenzene	ND	0.00500									
Methyl tert-butyl ether	ND	0.0200									
Methylene chloride	ND	0.00500									
n-Butylbenzene	ND	0.00500									
n-Propylbenzene	ND	0.00500									
Naphthalene	0.00162	0.00500									J
o-Xylene	ND	0.00500									
p-Isopropyltoluene	ND	0.00600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10023**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**		Prep Date:					RunNo: **10023**			
Client ID: **ZZZZZ**	Batch ID: **R10023**	Method: **SW8260B**			Analysis Date: **6/21/2007**					SeqNo: **280402**			
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**											
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
sec-Butylbenzene	ND	0.00500											
Styrene	ND	0.00500											
tert-Butylbenzene	ND	0.00500											
Tetrachloroethene	ND	0.00500											
Toluene	ND	0.00500											
trans-1,2-Dichloroethene	ND	0.00500											
trans-1,3-Dichloropropene	ND	0.00500											
Trichloroethene	ND	0.00500											
Trichlorofluoromethane	ND	0.00500											
Vinyl chloride	ND	0.00500											
Xylenes (total)	ND	0.00500											
Surr: 1,2-Dichloroethane-d4	0.0586	0	0.05	0	117	52	149						
Surr: 4-Bromofluorobenzene	0.0442	0	0.05	0	88	84	118						
Surr: Dibromofluoromethane	0.0532	0	0.05	0	106	65	135						
Surr: Toluene-d8	0.0553	0	0.05	0	111	84	116						

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10031**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:		RunNo:	**10031**
Client ID: **ZZZZZ**	Batch ID: **5626**	Method: **SW8260B (SW5035_Me**		Analysis Date: **6/21/2007**		SeqNo:	**276464**
Instrument: **MS01_11**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**					

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
1,1,1-Trichloroethane	ND	0.500									
1,1,2,2-Tetrachloroethane	ND	0.300									
1,1,2-Trichloroethane	ND	0.500									
1,1-Dichloroethane	ND	0.500									
1,1-Dichloroethene	ND	0.600									
1,1-Dichloropropene	ND	0.500									
1,2,3-Trichlorobenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.500									
1,2,4-Trichlorobenzene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.600									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dichloroethane	ND	0.300									
1,2-Dichloropropane	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.600									
1,3-Dichloropropane	ND	0.250									
1,4-Dichlorobenzene	ND	0.250									
1-Chlorohexane	ND	0.500									
2,2-Dichloropropane	ND	0.500									
2-Butanone	ND	2.00									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
4-Methyl-2-pentanone	ND	2.00									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10031**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:	RunNo: **10031**
Client ID: **ZZZZZ**	Batch ID: **5626**	Method: **SW8260B**	**(SW5035_Me**	Analysis Date: **6/21/2007**	SeqNo: **276464**
Instrument: **MS01_11**	ColumnID: **Rtx-VMS**		**Rtx-VMS, 1.0 df**		

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	5.00									
Benzene	ND	0.250									
Bromobenzene	ND	0.500									
Bromochloromethane	ND	0.500									
Bromodichloromethane	ND	0.250									
Bromoform	ND	0.600									
Bromomethane	ND	1.00									
Carbon tetrachloride	ND	0.500									
Chlorobenzene	ND	0.250									
Chloroethane	ND	0.500									
Chloroform	ND	0.250									
Chloromethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
cis-1,3-Dichloropropene	ND	0.300									
Dibromochloromethane	ND	0.300									
Dibromomethane	ND	0.500									
Dichlorodifluoromethane	ND	0.500									
Ethylbenzene	ND	0.500									
Hexachlorobutadiene	ND	0.300									
Isopropylbenzene	ND	0.500									
Methyl tert-butyl ether	ND	2.00									
Methylene chloride	ND	0.500									
n-Butylbenzene	ND	0.500									
n-Propylbenzene	ND	0.500									
Naphthalene	ND	0.500									
o-Xylene	ND	0.500									
p-Isopropyltoluene	ND	0.600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10031**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:		RunNo:	**10031**
Client ID: **ZZZZZ**	Batch ID: **5626**	Method: **SW8260B (SW5035_Me**		Analysis Date: **6/21/2007**		SeqNo:	**276464**
Instrument: **MS01_11**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**					

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.500									
Styrene	ND	0.500									
tert-Butylbenzene	ND	0.500									
Tetrachloroethene	ND	0.500									
Toluene	ND	0.500									
trans-1,2-Dichloroethene	ND	0.500									
trans-1,3-Dichloropropene	ND	0.500									
Trichloroethene	ND	0.500									
Trichlorofluoromethane	ND	0.500									
Vinyl chloride	ND	0.500									
Xylenes (total)	ND	1.00									
Surr: 1,2-Dichloroethane-d4	2.45	0	2.5	0	98	52	149				
Surr: 4-Bromofluorobenzene	2.26	0	2.5	0	90	84	118				
Surr: Dibromofluoromethane	2.47	0	2.5	0	99	65	135				
Surr: Toluene-d8	2.60	0	2.5	0	104	84	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706110

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10069**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo:	**10069**
Client ID: **ZZZZZ**	Batch ID: **R10069**	Method: **SW8260B**		Analysis Date: **6/26/2007**		SeqNo:	**277648**
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**					

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.00500									
1,1,1,2-Tetrachloroethane	ND	0.00300									
1,1,1-Trichloroethane	ND	0.00500									
1,1,2,2-Tetrachloroethane	ND	0.00300									
1,1,2-Trichloroethane	ND	0.00500									
1,1-Dichloroethane	ND	0.00500									
1,1-Dichloroethene	ND	0.00600									
1,1-Dichloropropene	ND	0.00500									
1,2,3-Trichlorobenzene	0.000800	0.00500									J
1,2,3-Trichloropropane	ND	0.00500									
1,2,4-Trichlorobenzene	0.000520	0.00500									J
1,2,4-Trimethylbenzene	ND	0.00600									
1,2-Dibromo-3-chloropropane	ND	0.0100									
1,2-Dibromoethane	ND	0.00500									
1,2-Dichlorobenzene	ND	0.00500									
1,2-Dichloroethane	ND	0.00300									
1,2-Dichloropropane	ND	0.00500									
1,3,5-Trimethylbenzene	ND	0.00500									
1,3-Dichlorobenzene	ND	0.00600									
1,3-Dichloropropane	ND	0.00250									
1,4-Dichlorobenzene	ND	0.00250									
1-Chlorohexane	ND	0.00500									
2,2-Dichloropropane	ND	0.00500									
2-Butanone	ND	0.0200									
2-Chlorotoluene	ND	0.00500									
4-Chlorotoluene	ND	0.00500									
4-Methyl-2-pentanone	ND	0.0200									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706110
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10069**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo:	**10069**		
Client ID: **ZZZZZ**	Batch ID: **R10069**	Method: **SW8260B**		Analysis Date: **6/26/2007**		SeqNo:	**277648**		
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**							

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.00158	0.0500									J
Benzene	ND	0.00250									
Bromobenzene	ND	0.00500									
Bromochloromethane	ND	0.00500									
Bromodichloromethane	ND	0.00250									
Bromoform	ND	0.00600									
Bromomethane	ND	0.0100									
Carbon tetrachloride	ND	0.00500									
Chlorobenzene	ND	0.00250									
Chloroethane	ND	0.00500									
Chloroform	ND	0.00250									
Chloromethane	ND	0.00500									
cis-1,2-Dichloroethene	ND	0.00500									
cis-1,3-Dichloropropene	ND	0.00300									
Dibromochloromethane	ND	0.00300									
Dibromomethane	ND	0.00500									
Dichlorodifluoromethane	ND	0.00500									
Ethylbenzene	ND	0.00500									
Hexachlorobutadiene	ND	0.00300									
Isopropylbenzene	ND	0.00500									
Methyl tert-butyl ether	ND	0.0200									
Methylene chloride	0.00253	0.00500									J
n-Butylbenzene	ND	0.00500									
n-Propylbenzene	ND	0.00500									
Naphthalene	0.00160	0.00500									J
o-Xylene	ND	0.00500									
p-Isopropyltoluene	ND	0.00600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706110

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10069**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo: **10069**						
Client ID: **ZZZZZ**	Batch ID: **R10069**	Method: **SW8260B**		Analysis Date: **6/26/2007**		SeqNo: **277648**						
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.00500									
Styrene	ND	0.00500									
tert-Butylbenzene	ND	0.00500									
Tetrachloroethene	ND	0.00500									
Toluene	0.000990	0.00500									J
trans-1,2-Dichloroethene	ND	0.00500									
trans-1,3-Dichloropropene	ND	0.00500									
Trichloroethene	ND	0.00500									
Trichlorofluoromethane	ND	0.00500									
Vinyl chloride	ND	0.00500									
Xylenes (total)	ND	0.00500									
Surr: 1,2-Dichloroethane-d4	0.0475	0	0.05	0	95	52	149				
Surr: 4-Bromofluorobenzene	0.0450	0	0.05	0	90	84	118				
Surr: Dibromofluoromethane	0.0483	0	0.05	0	97	65	135				
Surr: Toluene-d8	0.0504	0	0.05	0	101	84	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10171**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**		Prep Date:				RunNo: **10171**			
Client ID: **ZZZZZ**	Batch ID: **R10171**	Method: **SW8260B**			Analysis Date: **7/3/2007**				SeqNo: **280697**			
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.00500									
1,1,1,2-Tetrachloroethane	ND	0.00300									
1,1,1-Trichloroethane	ND	0.00500									
1,1,2,2-Tetrachloroethane	ND	0.00300									
1,1,2-Trichloroethane	ND	0.00500									
1,1-Dichloroethane	ND	0.00500									
1,1-Dichloroethene	ND	0.00600									
1,1-Dichloropropene	ND	0.00500									
1,2,3-Trichlorobenzene	0.000820	0.00500									J
1,2,3-Trichloropropane	ND	0.00500									
1,2,4-Trichlorobenzene	0.000580	0.00500									J
1,2,4-Trimethylbenzene	ND	0.00600									
1,2-Dibromo-3-chloropropane	ND	0.0100									
1,2-Dibromoethane	ND	0.00500									
1,2-Dichlorobenzene	ND	0.00500									
1,2-Dichloroethane	ND	0.00300									
1,2-Dichloropropane	ND	0.00500									
1,3,5-Trimethylbenzene	ND	0.00500									
1,3-Dichlorobenzene	ND	0.00600									
1,3-Dichloropropane	ND	0.00250									
1,4-Dichlorobenzene	ND	0.00250									
1-Chlorohexane	ND	0.00500									
2,2-Dichloropropane	ND	0.00500									
2-Butanone	ND	0.0200									
2-Chlorotoluene	ND	0.00500									
4-Chlorotoluene	ND	0.00500									
4-Methyl-2-pentanone	ND	0.0200									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10171**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**		Prep Date:				RunNo: **10171**			
Client ID: **ZZZZZ**	Batch ID: **R10171**	Method: **SW8260B**			Analysis Date: **7/3/2007**				SeqNo: **280697**			
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.00260	0.0500									J
Benzene	ND	0.00250									
Bromobenzene	ND	0.00500									
Bromochloromethane	ND	0.00500									
Bromodichloromethane	ND	0.00250									
Bromoform	ND	0.00600									
Bromomethane	ND	0.0100									
Carbon tetrachloride	ND	0.00500									
Chlorobenzene	ND	0.00250									
Chloroethane	ND	0.00500									
Chloroform	ND	0.00250									
Chloromethane	ND	0.00500									
cis-1,2-Dichloroethene	ND	0.00500									
cis-1,3-Dichloropropene	ND	0.00300									
Dibromochloromethane	ND	0.00300									
Dibromomethane	ND	0.00500									
Dichlorodifluoromethane	ND	0.00500									
Ethylbenzene	ND	0.00500									
Hexachlorobutadiene	ND	0.00300									
Isopropylbenzene	ND	0.00500									
Methyl tert-butyl ether	ND	0.0200									
Methylene chloride	0.00229	0.00500									J
n-Butylbenzene	ND	0.00500									
n-Propylbenzene	ND	0.00500									
Naphthalene	0.00250	0.00500									J
o-Xylene	ND	0.00500									
p-Isopropyltoluene	ND	0.00600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10171**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**		Prep Date:				RunNo: **10171**			
Client ID: **ZZZZZZ**	Batch ID: **R10171**	Method: **SW8260B**			Analysis Date: **7/3/2007**				SeqNo: **280697**			
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.00500									
Styrene	ND	0.00500									
tert-Butylbenzene	ND	0.00500									
Tetrachloroethene	ND	0.00500									
Toluene	ND	0.00500									
trans-1,2-Dichloroethene	ND	0.00500									
trans-1,3-Dichloropropene	ND	0.00500									
Trichloroethene	ND	0.00500									
Trichlorofluoromethane	ND	0.00500									
Vinyl chloride	ND	0.00500									
Xylenes (total)	ND	0.00500									
Surr: 1,2-Dichloroethane-d4	0.0460	0	0.05	0	92	52	149				
Surr: 4-Bromofluorobenzene	0.0433	0	0.05	0	87	84	118				
Surr: Dibromofluoromethane	0.0451	0	0.05	0	90	65	135				
Surr: Toluene-d8	0.0494	0	0.05	0	99	84	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: MB-10074	SampType: MBLK	TestCode: 8260SMAF_C	Units: mg/Kg	Prep Date:		RunNo:	10074
Client ID: ZZZZZ	Batch ID: 5626	Method: SW8260B	(SW5035_Me	Analysis Date: 6/25/2007		SeqNo:	277905
Instrument: MS01_11	ColumnID: Rtx-VMS		Rtx-VMS, 1.0 df				

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
1,1,1-Trichloroethane	ND	0.500									
1,1,2,2-Tetrachloroethane	ND	0.300									
1,1,2-Trichloroethane	ND	0.500									
1,1-Dichloroethane	ND	0.500									
1,1-Dichloroethene	ND	0.600									
1,1-Dichloropropene	ND	0.500									
1,2,3-Trichlorobenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.500									
1,2,4-Trichlorobenzene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.600									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dichloroethane	ND	0.300									
1,2-Dichloropropane	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.600									
1,3-Dichloropropane	ND	0.250									
1,4-Dichlorobenzene	ND	0.250									
1-Chlorohexane	ND	0.500									
2,2-Dichloropropane	ND	0.500									
2-Butanone	ND	2.00									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
4-Methyl-2-pentanone	ND	2.00									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10074**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:		RunNo:	**10074**
Client ID: **ZZZZZ**	Batch ID: **5626**	Method: **SW8260B**	**(SW5035_Me**	Analysis Date:	**6/25/2007**	SeqNo:	**277905**
Instrument: **MS01_11**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**					

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	5.00									
Benzene	ND	0.250									
Bromobenzene	ND	0.500									
Bromochloromethane	ND	0.500									
Bromodichloromethane	ND	0.250									
Bromoform	ND	0.600									
Bromomethane	ND	1.00									
Carbon tetrachloride	ND	0.500									
Chlorobenzene	ND	0.250									
Chloroethane	ND	0.500									
Chloroform	ND	0.250									
Chloromethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
cis-1,3-Dichloropropene	ND	0.300									
Dibromochloromethane	ND	0.300									
Dibromomethane	ND	0.500									
Dichlorodifluoromethane	ND	0.500									
Ethylbenzene	ND	0.500									
Hexachlorobutadiene	ND	0.300									
Isopropylbenzene	ND	0.500									
Methyl tert-butyl ether	ND	2.00									
Methylene chloride	ND	0.500									
n-Butylbenzene	ND	0.500									
n-Propylbenzene	ND	0.500									
Naphthalene	ND	0.500									
o-Xylene	ND	0.500									
p-Isopropyltoluene	ND	0.600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10074**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**		Prep Date:					RunNo:	**10074**	
Client ID: **ZZZZZ**	Batch ID: **5626**	Method: **SW8260B**	**(SW5035_Me**		Analysis Date: **6/25/2007**					SeqNo:	**277905**	
Instrument: **MS01_11**	ColumnID: **Rtx-VMS**		**Rtx-VMS, 1.0 df**									

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.500									
Styrene	ND	0.500									
tert-Butylbenzene	ND	0.500									
Tetrachloroethene	ND	0.500									
Toluene	ND	0.500									
trans-1,2-Dichloroethene	ND	0.500									
trans-1,3-Dichloropropene	ND	0.500									
Trichloroethene	ND	0.500									
Trichlorofluoromethane	ND	0.500									
Vinyl chloride	ND	0.500									
Xylenes (total)	ND	1.00									
Surr: 1,2-Dichloroethane-d4	2.23	0	2.5	0	89	52	149				
Surr: 4-Bromofluorobenzene	2.38	0	2.5	0	95	84	118				
Surr: Dibromofluoromethane	2.54	0	2.5	0	102	65	135				
Surr: Toluene-d8	2.65	0	2.5	0	106	84	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706110

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: MB-10190	SampType: MBLK	TestCode: 8260SMAF_C	Units: mg/Kg	Prep Date:		RunNo:	10190
Client ID: ZZZZZ	Batch ID: 5619	Method: SW8260B	(SW5035_Me	Analysis Date: 7/3/2007		SeqNo:	280613
Instrument: MS02_12	ColumnID: Rtx-502.2		Rtx-502.2, 3.0 df				

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
1,1,1-Trichloroethane	ND	0.500									
1,1,2,2-Tetrachloroethane	ND	0.300									
1,1,2-Trichloroethane	ND	0.500									
1,1-Dichloroethane	ND	0.500									
1,1-Dichloroethene	ND	0.600									
1,1-Dichloropropene	ND	0.500									
1,2,3-Trichlorobenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.500									
1,2,4-Trichlorobenzene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.600									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dichloroethane	ND	0.300									
1,2-Dichloropropane	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.600									
1,3-Dichloropropane	ND	0.250									
1,4-Dichlorobenzene	ND	0.250									
1-Chlorohexane	ND	0.500									
2,2-Dichloropropane	ND	0.500									
2-Butanone	ND	2.00									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
4-Methyl-2-pentanone	ND	2.00									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706110

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10190**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date:		RunNo:	**10190**
Client ID: **ZZZZZ**	Batch ID: **5619**	Method: **SW8260B**	**(SW5035_Me**	Analysis Date: **7/3/2007**		SeqNo:	**280613**
Instrument: **MS02_12**	ColumnID: **Rtx-502.2**		**Rtx-502.2, 3.0 df**				

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	5.00									
Benzene	ND	0.250									
Bromobenzene	ND	0.500									
Bromochloromethane	ND	0.500									
Bromodichloromethane	ND	0.250									
Bromoform	ND	0.600									
Bromomethane	ND	1.00									
Carbon tetrachloride	ND	0.500									
Chlorobenzene	ND	0.250									
Chloroethane	ND	0.500									
Chloroform	ND	0.250									
Chloromethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
cis-1,3-Dichloropropene	ND	0.300									
Dibromochloromethane	ND	0.300									
Dibromomethane	ND	0.500									
Dichlorodifluoromethane	ND	0.500									
Ethylbenzene	ND	0.500									
Hexachlorobutadiene	ND	0.300									
Isopropylbenzene	ND	0.500									
Methyl tert-butyl ether	ND	2.00									
Methylene chloride	0.0800	0.500									J
n-Butylbenzene	ND	0.500									
n-Propylbenzene	ND	0.500									
Naphthalene	0.0750	0.500									J
o-Xylene	ND	0.500									
p-Isopropyltoluene	ND	0.600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706110

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10190**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**		Prep Date:				RunNo:	**10190**		
Client ID: **ZZZZZ**	Batch ID: **5619**	Method: **SW8260B**	**(SW5035_Me**		Analysis Date: **7/3/2007**				SeqNo:	**280613**		
Instrument: **MS02_12**	ColumnID: **Rtx-502.2**	**Rtx-502.2, 3.0 df**										
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
sec-Butylbenzene	ND	0.500										
Styrene	ND	0.500										
tert-Butylbenzene	ND	0.500										
Tetrachloroethene	ND	0.500										
Toluene	ND	0.500										
trans-1,2-Dichloroethene	ND	0.500										
trans-1,3-Dichloropropene	ND	0.500										
Trichloroethene	ND	0.500										
Trichlorofluoromethane	ND	0.500										
Vinyl chloride	ND	0.500										
Xylenes (total)	ND	1.00										
Surr: 1,2-Dichloroethane-d4	2.60	0	2.5	0	104	52	149					
Surr: 4-Bromofluorobenzene	2.58	0	2.5	0	103	84	118					
Surr: Dibromofluoromethane	2.51	0	2.5	0	100	65	135					
Surr: Toluene-d8	2.58	0	2.5	0	103	84	116					

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10091**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo:	**10091**
Client ID: **ZZZZZ**	Batch ID: **R10091**	Method: **SW8260B**		Analysis Date: **6/27/2007**		SeqNo:	**279811**
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**		**Rtx-VMS, 1.0 df**				

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.00500									
1,1,1,2-Tetrachloroethane	ND	0.00300									
1,1,1-Trichloroethane	ND	0.00500									
1,1,2,2-Tetrachloroethane	ND	0.00300									
1,1,2-Trichloroethane	ND	0.00500									
1,1-Dichloroethane	ND	0.00500									
1,1-Dichloroethene	ND	0.00600									
1,1-Dichloropropene	ND	0.00500									
1,2,3-Trichlorobenzene	0.000620	0.00500									J
1,2,3-Trichloropropane	ND	0.00500									
1,2,4-Trichlorobenzene	ND	0.00500									
1,2,4-Trimethylbenzene	ND	0.00600									
1,2-Dibromo-3-chloropropane	ND	0.0100									
1,2-Dibromoethane	ND	0.00500									
1,2-Dichlorobenzene	ND	0.00500									
1,2-Dichloroethane	ND	0.00300									
1,2-Dichloropropane	ND	0.00500									
1,3,5-Trimethylbenzene	ND	0.00500									
1,3-Dichlorobenzene	ND	0.00600									
1,3-Dichloropropane	ND	0.00250									
1,4-Dichlorobenzene	ND	0.00250									
1-Chlorohexane	ND	0.00500									
2,2-Dichloropropane	ND	0.00500									
2-Butanone	ND	0.0200									
2-Chlorotoluene	ND	0.00500									
4-Chlorotoluene	ND	0.00500									
4-Methyl-2-pentanone	ND	0.0200									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **MB-10091**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**		Prep Date:				RunNo:	**10091**		
Client ID: **ZZZZZ**	Batch ID: **R10091**	Method: **SW8260B**			Analysis Date: **6/27/2007**				SeqNo:	**279811**		
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**										
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	0.00206	0.0500									J	
Benzene	ND	0.00250										
Bromobenzene	ND	0.00500										
Bromochloromethane	ND	0.00500										
Bromodichloromethane	ND	0.00250										
Bromoform	ND	0.00600										
Bromomethane	ND	0.0100										
Carbon tetrachloride	ND	0.00500										
Chlorobenzene	ND	0.00250										
Chloroethane	ND	0.00500										
Chloroform	ND	0.00250										
Chloromethane	ND	0.00500										
cis-1,2-Dichloroethene	ND	0.00500										
cis-1,3-Dichloropropene	ND	0.00300										
Dibromochloromethane	ND	0.00300										
Dibromomethane	ND	0.00500										
Dichlorodifluoromethane	ND	0.00500										
Ethylbenzene	ND	0.00500										
Hexachlorobutadiene	ND	0.00300										
Isopropylbenzene	ND	0.00500										
Methyl tert-butyl ether	ND	0.0200										
Methylene chloride	0.00365	0.00500									J	
n-Butylbenzene	ND	0.00500										
n-Propylbenzene	ND	0.00500										
Naphthalene	0.00138	0.00500									J	
o-Xylene	ND	0.00500										
p-Isopropyltoluene	ND	0.00600										

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-10091**	SampType: **MBLK**	TestCode: **8260SAF_CA**	Units: **mg/Kg**	Prep Date:		RunNo:	**10091**
Client ID: **ZZZZZ**	Batch ID: **R10091**	Method: **SW8260B**		Analysis Date: **6/27/2007**		SeqNo:	**279811**
Instrument: **MS03_10**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**					

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.00500									
Styrene	ND	0.00500									
tert-Butylbenzene	ND	0.00500									
Tetrachloroethene	ND	0.00500									
Toluene	0.00155	0.00500									J
trans-1,2-Dichloroethene	ND	0.00500									
trans-1,3-Dichloropropene	ND	0.00500									
Trichloroethene	ND	0.00500									
Trichlorofluoromethane	ND	0.00500									
Vinyl chloride	ND	0.00500									
Xylenes (total)	ND	0.00500									
Surr: 1,2-Dichloroethane-d4	0.0516	0	0.05	0	103	52	149				
Surr: 4-Bromofluorobenzene	0.0461	0	0.05	0	92	84	118				
Surr: Dibromofluoromethane	0.0497	0	0.05	0	99	65	135				
Surr: Toluene-d8	0.0511	0	0.05	0	102	84	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-5626**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date: **6/21/2007**	RunNo: **10031**				
Client ID: **ZZZZZ**	Batch ID: **5626**	Method: **SW8260B (SW5035_Me**		Analysis Date: **6/21/2007**	SeqNo: **276493**				
Instrument: **MS01_11**	ColumnID: **Rtx-VMS**	**Rtx-VMS, 1.0 df**							

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
(m+p)-Xylene	ND	0.500									
1,1,1,2-Tetrachloroethane	ND	0.300									
1,1,1-Trichloroethane	ND	0.500									
1,1,2,2-Tetrachloroethane	ND	0.300									
1,1,2-Trichloroethane	ND	0.500									
1,1-Dichloroethane	ND	0.500									
1,1-Dichloroethene	ND	0.600									
1,1-Dichloropropene	ND	0.500									
1,2,3-Trichlorobenzene	ND	0.500									
1,2,3-Trichloropropane	ND	0.500									
1,2,4-Trichlorobenzene	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.600									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,2-Dichloroethane	ND	0.300									
1,2-Dichloropropane	ND	0.500									
1,3,5-Trimethylbenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.600									
1,3-Dichloropropane	ND	0.250									
1,4-Dichlorobenzene	ND	0.250									
1-Chlorohexane	ND	0.500									
2,2-Dichloropropane	ND	0.500									
2-Butanone	ND	2.00									
2-Chlorotoluene	ND	0.500									
4-Chlorotoluene	ND	0.500									
4-Methyl-2-pentanone	ND	2.00									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B

Work Order: 0706127

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: MB-5626	SampType: MBLK	TestCode: 8260SMAF_C	Units: mg/Kg	Prep Date: 6/21/2007	RunNo: 10031				
Client ID: ZZZZZ	Batch ID: 5626	Method: SW8260B (SW5035_Me		Analysis Date: 6/21/2007	SeqNo: 276493				
Instrument: MS01_11	ColumnID: Rtx-VMS	Rtx-VMS, 1.0 df							

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	ND	5.00									
Benzene	ND	0.250									
Bromobenzene	ND	0.500									
Bromochloromethane	ND	0.500									
Bromodichloromethane	ND	0.250									
Bromoform	ND	0.600									
Bromomethane	ND	1.00									
Carbon tetrachloride	ND	0.500									
Chlorobenzene	ND	0.250									
Chloroethane	ND	0.500									
Chloroform	ND	0.250									
Chloromethane	ND	0.500									
cis-1,2-Dichloroethene	ND	0.500									
cis-1,3-Dichloropropene	ND	0.300									
Dibromochloromethane	ND	0.300									
Dibromomethane	ND	0.500									
Dichlorodifluoromethane	ND	0.500									
Ethylbenzene	ND	0.500									
Hexachlorobutadiene	ND	0.300									
Isopropylbenzene	ND	0.500									
Methyl tert-butyl ether	ND	2.00									
Methylene chloride	ND	0.500									
n-Butylbenzene	ND	0.500									
n-Propylbenzene	ND	0.500									
Naphthalene	ND	0.500									
o-Xylene	ND	0.500									
p-Isopropyltoluene	ND	0.600									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW8260B
Work Order: 0706127
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **MB-5626**	SampType: **MBLK**	TestCode: **8260SMAF_C**	Units: **mg/Kg**	Prep Date: **6/21/2007**	RunNo: **10031**				
Client ID: **ZZZZZ**	Batch ID: **5626**	Method: **SW8260B**	**(SW5035_Me**	Analysis Date: **6/21/2007**	SeqNo: **276493**				
Instrument: **MS01_11**	ColumnID: **Rtx-VMS**		**Rtx-VMS, 1.0 df**						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.500									
Styrene	ND	0.500									
tert-Butylbenzene	ND	0.500									
Tetrachloroethene	ND	0.500									
Toluene	ND	0.500									
trans-1,2-Dichloroethene	ND	0.500									
trans-1,3-Dichloropropene	ND	0.500									
Trichloroethene	ND	0.500									
Trichlorofluoromethane	ND	0.500									
Vinyl chloride	ND	0.500									
Xylenes (total)	ND	1.00									
Surr: 1,2-Dichloroethane-d4	4.81	0	5	0	96	52	149				
Surr: 4-Bromofluorobenzene	4.61	0	5	0	92	84	118				
Surr: Dibromofluoromethane	5.06	0	5	0	101	65	135				
Surr: Toluene-d8	5.20	0	5	0	104	84	116				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10015

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10015 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3280.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0922	92	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0395	79	74 - 125	
1,1,1-Trichloroethane	0.05	0.0436	87	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0452	90	59 - 140	
1,1,2-Trichloroethane	0.05	0.0433	87	62 - 127	
1,1-Dichloroethane	0.05	0.0457	91	73 - 125	
1,1-Dichloroethene	0.05	0.0432	86	65 - 136	
1,1-Dichloropropene	0.05	0.0456	91	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0477	95	62 - 133	
1,2,3-Trichloropropane	0.05	0.0436	87	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0441	88	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0473	95	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0456	91	49 - 135	
1,2-Dibromoethane	0.05	0.0403	81	70 - 124	
1,2-Dichlorobenzene	0.05	0.0460	92	74 - 120	
1,2-Dichloroethane	0.05	0.0449	90	72 - 137	
1,2-Dichloropropane	0.05	0.0454	91	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0470	94	65 - 133	
1,3-Dichlorobenzene	0.05	0.0458	92	72 - 124	
1,3-Dichloropropane	0.05	0.0442	88	76 - 123	
1,4-Dichlorobenzene	0.05	0.0451	90	72 - 125	
1-Chlorohexane	0.05	0.0454	91	60 - 135	
2,2-Dichloropropane	0.05	0.0459	92	67 - 134	
2-Butanone	0.1	0.0785	78	40 - 135	
2-Chlorotoluene	0.05	0.0493	99	69 - 128	
4-Chlorotoluene	0.05	0.0484	97	73 - 126	
4-Methyl-2-pentanone	0.1	0.0822	82	47 - 147	
Acetone	0.1	0.0950	95	40 - 141	
Benzene	0.05	0.0419	84	73 - 126	
Bromobenzene	0.05	0.0456	91	66 - 121	
Bromochloromethane	0.05	0.0416	83	71 - 127	
Bromodichloromethane	0.05	0.0468	94	72 - 128	
Bromoform	0.05	0.0441	88	66 - 137	
Bromomethane	0.05	0.0436	87	45 - 141	
Carbon tetrachloride	0.05	0.0425	85	67 - 133	
Chlorobenzene	0.05	0.0447	89	75 - 123	
Chloroethane	0.05	0.0576	115	41 - 141	
Chloroform	0.05	0.0448	90	72 - 124	
Chloromethane	0.05	0.0404	81	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0437	87	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0441	88	72 - 126	
Dibromochloromethane	0.05	0.0391	78	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10015

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10015 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3280.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0428	86	73 - 128	
Dichlorodifluoromethane	0.05	0.0309	62	34 - 136	
Ethylbenzene	0.05	0.0416	83	74 - 127	
Hexachlorobutadiene	0.05	0.0436	87	53 - 142	
Isopropylbenzene	0.05	0.0458	92	77 - 129	
Methyl tert-butyl ether	0.05	0.0458	92	50 - 135	
Methylene chloride	0.05	0.0402	80	63 - 137	
n-Butylbenzene	0.05	0.0486	97	65 - 138	
n-Propylbenzene	0.05	0.0450	90	63 - 135	
Naphthalene	0.05	0.0549	110	51 - 135	
o-Xylene	0.05	0.0402	80	77 - 125	
p-Isopropyltoluene	0.05	0.0403	81	75 - 133	
sec-Butylbenzene	0.05	0.0436	87	63 - 132	
Styrene	0.05	0.0421	84	74 - 128	
tert-Butylbenzene	0.05	0.0501	100	65 - 132	
Tetrachloroethene	0.05	0.0387	77	67 - 139	
Toluene	0.05	0.0441	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0429	86	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0439	88	65 - 127	
Trichloroethene	0.05	0.0433	87	77 - 124	
Trichlorofluoromethane	0.05	0.0528	106	49 - 139	
Vinyl chloride	0.05	0.0397	79	58 - 126	
Xylenes (total)	0.15	0.132	88	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1997894	1059709 - 4238836	
Chlorobenzene-d5	3315392	1579958 - 6319834	
Fluorobenzene	8646837	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5619

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10016 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3298.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	4.60	92	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.74	110	74 - 125	
1,1,1-Trichloroethane	2.5	2.59	104	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.67	107	59 - 140	
1,1,2-Trichloroethane	2.5	2.72	109	62 - 127	
1,1-Dichloroethane	2.5	2.82	113	73 - 125	
1,1-Dichloroethene	2.5	2.57	103	65 - 136	
1,1-Dichloropropene	2.5	2.54	102	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.29	92	62 - 133	
1,2,3-Trichloropropane	2.5	2.73	109	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.24	90	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.64	106	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.52	101	49 - 135	
1,2-Dibromoethane	2.5	2.33	93	70 - 124	
1,2-Dichlorobenzene	2.5	2.71	108	74 - 120	
1,2-Dichloroethane	2.5	2.85	114	72 - 137	
1,2-Dichloropropane	2.5	2.90	116	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.66	106	65 - 133	
1,3-Dichlorobenzene	2.5	2.72	109	72 - 124	
1,3-Dichloropropane	2.5	2.73	109	76 - 123	
1,4-Dichlorobenzene	2.5	2.64	106	72 - 125	
1-Chlorohexane	2.5	2.34	94	60 - 135	
2,2-Dichloropropane	2.5	2.62	105	67 - 134	
2-Butanone	5	5.68	114	40 - 135	
2-Chlorotoluene	2.5	2.68	107	69 - 128	
4-Chlorotoluene	2.5	2.67	107	73 - 126	
4-Methyl-2-pentanone	5	5.28	106	47 - 147	
Acetone	5	6.69	134	40 - 141	
Benzene	2.5	2.82	113	73 - 126	
Bromobenzene	2.5	2.66	106	66 - 121	
Bromochloromethane	2.5	2.45	98	71 - 127	
Bromodichloromethane	2.5	2.70	108	72 - 128	
Bromoform	2.5	2.54	102	66 - 137	
Bromomethane	2.5	2.70	108	45 - 141	
Carbon tetrachloride	2.5	2.62	105	67 - 133	
Chlorobenzene	2.5	2.41	96	75 - 123	
Chloroethane	2.5	2.82	113	41 - 141	
Chloroform	2.5	2.69	108	72 - 124	
Chloromethane	2.5	2.76	110	51 - 129	
cis-1,2-Dichloroethene	2.5	2.54	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.53	101	72 - 126	
Dibromochloromethane	2.5	2.58	103	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5619

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10016 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3298.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.60	104	73 - 128	
Dichlorodifluoromethane	2.5	2.30	92	34 - 136	
Ethylbenzene	2.5	2.66	106	74 - 127	
Hexachlorobutadiene	2.5	2.47	99	53 - 142	
Isopropylbenzene	2.5	2.63	105	77 - 129	
Methyl tert-butyl ether	2.5	2.67	107	50 - 135	
Methylene chloride	2.5	2.55	102	63 - 137	
n-Butylbenzene	2.5	2.68	107	65 - 138	
n-Propylbenzene	2.5	2.73	109	63 - 135	
Naphthalene	2.5	2.31	92	51 - 135	
o-Xylene	2.5	2.30	92	77 - 125	
p-Isopropyltoluene	2.5	2.51	100	75 - 133	
sec-Butylbenzene	2.5	2.66	106	63 - 132	
Styrene	2.5	2.30	92	74 - 128	
tert-Butylbenzene	2.5	2.55	102	65 - 132	
Tetrachloroethene	2.5	2.34	93	67 - 139	
Toluene	2.5	2.46	98	71 - 127	
trans-1,2-Dichloroethene	2.5	2.45	98	66 - 134	
trans-1,3-Dichloropropene	2.5	2.58	103	65 - 127	
Trichloroethene	2.5	2.48	99	77 - 124	
Trichlorofluoromethane	2.5	2.65	106	49 - 139	
Vinyl chloride	2.5	2.80	112	58 - 126	
Xylenes (total)	7.5	6.90	92	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	752166	349954 - 1399814	
Chlorobenzene-d5	1207074	532652 - 2130606	
Fluorobenzene	3303362	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10023 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3319.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0903	90	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0403	81	74 - 125	
1,1,1-Trichloroethane	0.05	0.0442	88	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0524	105	59 - 140	
1,1,2-Trichloroethane	0.05	0.0497	99	62 - 127	
1,1-Dichloroethane	0.05	0.0478	96	73 - 125	
1,1-Dichloroethene	0.05	0.0427	85	65 - 136	
1,1-Dichloropropene	0.05	0.0457	91	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0452	90	62 - 133	
1,2,3-Trichloropropane	0.05	0.0503	101	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0429	86	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0476	95	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0510	102	49 - 135	
1,2-Dibromoethane	0.05	0.0456	91	70 - 124	
1,2-Dichlorobenzene	0.05	0.0482	96	74 - 120	
1,2-Dichloroethane	0.05	0.0496	99	72 - 137	
1,2-Dichloropropane	0.05	0.0484	97	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0476	95	65 - 133	
1,3-Dichlorobenzene	0.05	0.0463	93	72 - 124	
1,3-Dichloropropane	0.05	0.0475	95	76 - 123	
1,4-Dichlorobenzene	0.05	0.0455	91	72 - 125	
1-Chlorohexane	0.05	0.0432	86	60 - 135	
2,2-Dichloropropane	0.05	0.0459	92	67 - 134	
2-Butanone	0.1	0.0886	89	40 - 135	
2-Chlorotoluene	0.05	0.0494	99	69 - 128	
4-Chlorotoluene	0.05	0.0490	98	73 - 126	
4-Methyl-2-pentanone	0.1	0.0985	99	47 - 147	
Acetone	0.1	0.104	104	40 - 141	
Benzene	0.05	0.0440	88	73 - 126	
Bromobenzene	0.05	0.0459	92	66 - 121	
Bromochloromethane	0.05	0.0455	91	71 - 127	
Bromodichloromethane	0.05	0.0491	98	72 - 128	
Bromoform	0.05	0.0448	90	66 - 137	
Bromomethane	0.05	0.0434	87	45 - 141	
Carbon tetrachloride	0.05	0.0419	84	67 - 133	
Chlorobenzene	0.05	0.0452	91	75 - 123	
Chloroethane	0.05	0.0606	121	41 - 141	
Chloroform	0.05	0.0468	94	72 - 124	
Chloromethane	0.05	0.0392	78	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0455	91	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0475	95	72 - 126	
Dibromochloromethane	0.05	0.0400	80	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10023 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3319.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0481	96	73 - 128	
Dichlorodifluoromethane	0.05	0.0295	59	34 - 136	
Ethylbenzene	0.05	0.0412	82	74 - 127	
Hexachlorobutadiene	0.05	0.0421	84	53 - 142	
Isopropylbenzene	0.05	0.0449	90	77 - 129	
Methyl tert-butyl ether	0.05	0.0511	102	50 - 135	
Methylene chloride	0.05	0.0449	90	63 - 137	
n-Butylbenzene	0.05	0.0470	94	65 - 138	
n-Propylbenzene	0.05	0.0444	89	63 - 135	
Naphthalene	0.05	0.0564	113	51 - 135	
o-Xylene	0.05	0.0407	81	77 - 125	
p-Isopropyltoluene	0.05	0.0398	80	75 - 133	
sec-Butylbenzene	0.05	0.0434	87	63 - 132	
Styrene	0.05	0.0433	87	74 - 128	
tert-Butylbenzene	0.05	0.0503	101	65 - 132	
Tetrachloroethene	0.05	0.0362	72	67 - 139	
Toluene	0.05	0.0458	92	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0428	86	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0485	97	65 - 127	
Trichloroethene	0.05	0.0432	86	77 - 124	
Trichlorofluoromethane	0.05	0.0580	116	49 - 139	
Vinyl chloride	0.05	0.0388	78	58 - 126	
Xylenes (total)	0.15	0.131	87	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	52 - 149	
4-Bromofluorobenzene	93	84 - 118	
Dibromofluoromethane	108	65 - 135	
Toluene-d8	116	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1818802	1059709 - 4238836	
Chlorobenzene-d5	3006819	1579958 - 6319834	
Fluorobenzene	7472330	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10023 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3320.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0924	92	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0412	82	74 - 125	
1,1,1-Trichloroethane	0.05	0.0449	90	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0525	105	59 - 140	
1,1,2-Trichloroethane	0.05	0.0482	96	62 - 127	
1,1-Dichloroethane	0.05	0.0489	98	73 - 125	
1,1-Dichloroethene	0.05	0.0446	89	65 - 136	
1,1-Dichloropropene	0.05	0.0461	92	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0461	92	62 - 133	
1,2,3-Trichloropropane	0.05	0.0522	104	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0420	84	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0511	102	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0527	105	49 - 135	
1,2-Dibromoethane	0.05	0.0446	89	70 - 124	
1,2-Dichlorobenzene	0.05	0.0491	98	74 - 120	
1,2-Dichloroethane	0.05	0.0489	98	72 - 137	
1,2-Dichloropropane	0.05	0.0492	98	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0513	103	65 - 133	
1,3-Dichlorobenzene	0.05	0.0472	94	72 - 124	
1,3-Dichloropropane	0.05	0.0487	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0471	94	72 - 125	
1-Chlorohexane	0.05	0.0440	88	60 - 135	
2,2-Dichloropropane	0.05	0.0462	92	67 - 134	
2-Butanone	0.1	0.0959	96	40 - 135	
2-Chlorotoluene	0.05	0.0514	103	69 - 128	
4-Chlorotoluene	0.05	0.0510	102	73 - 126	
4-Methyl-2-pentanone	0.1	0.0985	98	47 - 147	
Acetone	0.1	0.115	115	40 - 141	
Benzene	0.05	0.0452	90	73 - 126	
Bromobenzene	0.05	0.0466	93	66 - 121	
Bromochloromethane	0.05	0.0450	90	71 - 127	
Bromodichloromethane	0.05	0.0489	98	72 - 128	
Bromoform	0.05	0.0437	87	66 - 137	
Bromomethane	0.05	0.0477	95	45 - 141	
Carbon tetrachloride	0.05	0.0411	82	67 - 133	
Chlorobenzene	0.05	0.0463	93	75 - 123	
Chloroethane	0.05	0.0761	152	41 - 141	*
Chloroform	0.05	0.0478	96	72 - 124	
Chloromethane	0.05	0.0431	86	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0465	93	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0472	94	72 - 126	
Dibromochloromethane	0.05	0.0402	80	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10023 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3320.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0472	94	73 - 128	
Dichlorodifluoromethane	0.05	0.0343	69	34 - 136	
Ethylbenzene	0.05	0.0423	85	74 - 127	
Hexachlorobutadiene	0.05	0.0400	80	53 - 142	
Isopropylbenzene	0.05	0.0475	95	77 - 129	
Methyl tert-butyl ether	0.05	0.0502	100	50 - 135	
Methylene chloride	0.05	0.0467	93	63 - 137	
n-Butylbenzene	0.05	0.0481	96	65 - 138	
n-Propylbenzene	0.05	0.0472	94	63 - 135	
Naphthalene	0.05	0.0574	115	51 - 135	
o-Xylene	0.05	0.0414	83	77 - 125	
p-Isopropyltoluene	0.05	0.0422	84	75 - 133	
sec-Butylbenzene	0.05	0.0457	91	63 - 132	
Styrene	0.05	0.0429	86	74 - 128	
tert-Butylbenzene	0.05	0.0527	105	65 - 132	
Tetrachloroethene	0.05	0.0374	75	67 - 139	
Toluene	0.05	0.0463	93	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0440	88	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0475	95	65 - 127	
Trichloroethene	0.05	0.0455	91	77 - 124	
Trichlorofluoromethane	0.05	0.0631	126	49 - 139	
Vinyl chloride	0.05	0.0465	93	58 - 126	
Xylenes (total)	0.15	0.134	89	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	52 - 149	
4-Bromofluorobenzene	91	84 - 118	
Dibromofluoromethane	104	65 - 135	
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1666666	1059709 - 4238836	
Chlorobenzene-d5	2840064	1579958 - 6319834	
Fluorobenzene	7368243	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5626

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10031 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9035.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.18	104	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.55	102	74 - 125	
1,1,1-Trichloroethane	2.5	2.54	102	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.38	95	59 - 140	
1,1,2-Trichloroethane	2.5	2.50	100	62 - 127	
1,1-Dichloroethane	2.5	2.47	99	73 - 125	
1,1-Dichloroethene	2.5	2.68	107	65 - 136	
1,1-Dichloropropene	2.5	2.61	104	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.33	93	62 - 133	
1,2,3-Trichloropropane	2.5	2.33	93	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.30	92	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.58	103	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.44	98	49 - 135	
1,2-Dibromoethane	2.5	2.51	101	70 - 124	
1,2-Dichlorobenzene	2.5	2.52	101	74 - 120	
1,2-Dichloroethane	2.5	2.38	95	72 - 137	
1,2-Dichloropropane	2.5	2.48	99	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.60	104	65 - 133	
1,3-Dichlorobenzene	2.5	2.56	102	72 - 124	
1,3-Dichloropropane	2.5	2.48	99	76 - 123	
1,4-Dichlorobenzene	2.5	2.44	97	72 - 125	
1-Chlorohexane	2.5	2.48	99	60 - 135	
2,2-Dichloropropane	2.5	2.48	99	67 - 134	
2-Butanone	5	5.26	105	40 - 135	
2-Chlorotoluene	2.5	2.54	102	69 - 128	
4-Chlorotoluene	2.5	2.55	102	73 - 126	
4-Methyl-2-pentanone	5	4.96	99	47 - 147	
Acetone	5	5.52	110	40 - 141	
Benzene	2.5	2.54	102	73 - 126	
Bromobenzene	2.5	2.50	100	66 - 121	
Bromochloromethane	2.5	2.50	100	71 - 127	
Bromodichloromethane	2.5	2.36	94	72 - 128	
Bromoform	2.5	2.22	89	66 - 137	
Bromomethane	2.5	2.52	101	45 - 141	
Carbon tetrachloride	2.5	2.55	102	67 - 133	
Chlorobenzene	2.5	2.57	103	75 - 123	
Chloroethane	2.5	2.68	107	41 - 141	
Chloroform	2.5	2.41	96	72 - 124	
Chloromethane	2.5	2.75	110	51 - 129	
cis-1,2-Dichloroethene	2.5	2.61	104	67 - 125	
cis-1,3-Dichloropropene	2.5	2.51	100	72 - 126	
Dibromochloromethane	2.5	2.44	98	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5626

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10031 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9035.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.42	97	73 - 128	
Dichlorodifluoromethane	2.5	2.93	117	34 - 136	
Ethylbenzene	2.5	2.62	105	74 - 127	
Hexachlorobutadiene	2.5	2.33	93	53 - 142	
Isopropylbenzene	2.5	2.60	104	77 - 129	
Methyl tert-butyl ether	2.5	2.58	103	50 - 135	
Methylene chloride	2.5	2.52	101	63 - 137	
n-Butylbenzene	2.5	2.42	97	65 - 138	
n-Propylbenzene	2.5	2.66	106	63 - 135	
Naphthalene	2.5	2.40	96	51 - 135	
o-Xylene	2.5	2.56	102	77 - 125	
p-Isopropyltoluene	2.5	2.64	105	75 - 133	
sec-Butylbenzene	2.5	2.67	107	63 - 132	
Styrene	2.5	2.34	94	74 - 128	
tert-Butylbenzene	2.5	2.53	101	65 - 132	
Tetrachloroethene	2.5	2.58	103	67 - 139	
Toluene	2.5	2.62	105	71 - 127	
trans-1,2-Dichloroethene	2.5	2.61	104	66 - 134	
trans-1,3-Dichloropropene	2.5	2.52	101	65 - 127	
Trichloroethene	2.5	2.49	100	77 - 124	
Trichlorofluoromethane	2.5	2.52	101	49 - 139	
Vinyl chloride	2.5	2.83	113	58 - 126	
Xylenes (total)	7.5	7.74	103	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	99	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	830511	353482 - 1413926	
Chlorobenzene-d5	895748	383378 - 1533514	
Fluorobenzene	2051527	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3412.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0954	95	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0420	84	74 - 125	
1,1,1-Trichloroethane	0.05	0.0477	95	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0454	91	59 - 140	
1,1,2-Trichloroethane	0.05	0.0437	87	62 - 127	
1,1-Dichloroethane	0.05	0.0463	93	73 - 125	
1,1-Dichloroethene	0.05	0.0487	97	65 - 136	
1,1-Dichloropropene	0.05	0.0486	97	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0519	104	62 - 133	
1,2,3-Trichloropropane	0.05	0.0416	83	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0550	110	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0470	94	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0513	103	49 - 135	
1,2-Dibromoethane	0.05	0.0424	85	70 - 124	
1,2-Dichlorobenzene	0.05	0.0457	91	74 - 120	
1,2-Dichloroethane	0.05	0.0452	90	72 - 137	
1,2-Dichloropropane	0.05	0.0449	90	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0469	94	65 - 133	
1,3-Dichlorobenzene	0.05	0.0450	90	72 - 124	
1,3-Dichloropropane	0.05	0.0441	88	76 - 123	
1,4-Dichlorobenzene	0.05	0.0439	88	72 - 125	
1-Chlorohexane	0.05	0.0496	99	60 - 135	
2,2-Dichloropropane	0.05	0.0475	95	67 - 134	
2-Butanone	0.1	0.0996	100	40 - 135	
2-Chlorotoluene	0.05	0.0455	91	69 - 128	
4-Chlorotoluene	0.05	0.0459	92	73 - 126	
4-Methyl-2-pentanone	0.1	0.0846	85	47 - 147	
Acetone	0.1	0.0962	96	40 - 141	
Benzene	0.05	0.0477	95	73 - 126	
Bromobenzene	0.05	0.0440	88	66 - 121	
Bromochloromethane	0.05	0.0453	91	71 - 127	
Bromodichloromethane	0.05	0.0422	84	72 - 128	
Bromoform	0.05	0.0443	89	66 - 137	
Bromomethane	0.05	0.0496	99	45 - 141	
Carbon tetrachloride	0.05	0.0498	100	67 - 133	
Chlorobenzene	0.05	0.0456	91	75 - 123	
Chloroethane	0.05	0.0460	92	41 - 141	
Chloroform	0.05	0.0460	92	72 - 124	
Chloromethane	0.05	0.0497	99	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0465	93	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0427	85	72 - 126	
Dibromochloromethane	0.05	0.0397	79	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3412.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0446	89	73 - 128	
Dichlorodifluoromethane	0.05	0.0575	115	34 - 136	
Ethylbenzene	0.05	0.0485	97	74 - 127	
Hexachlorobutadiene	0.05	0.0511	102	53 - 142	
Isopropylbenzene	0.05	0.0482	96	77 - 129	
Methyl tert-butyl ether	0.05	0.0465	93	50 - 135	
Methylene chloride	0.05	0.0446	89	63 - 137	
n-Butylbenzene	0.05	0.0472	94	65 - 138	
n-Propylbenzene	0.05	0.0482	96	63 - 135	
Naphthalene	0.05	0.0509	102	51 - 135	
o-Xylene	0.05	0.0471	94	77 - 125	
p-Isopropyltoluene	0.05	0.0480	96	75 - 133	
sec-Butylbenzene	0.05	0.0485	97	63 - 132	
Styrene	0.05	0.0438	88	74 - 128	
tert-Butylbenzene	0.05	0.0472	94	65 - 132	
Tetrachloroethene	0.05	0.0473	95	67 - 139	
Toluene	0.05	0.0439	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0476	95	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0415	83	65 - 127	
Trichloroethene	0.05	0.0455	91	77 - 124	
Trichlorofluoromethane	0.05	0.0477	95	49 - 139	
Vinyl chloride	0.05	0.0492	98	58 - 126	
Xylenes (total)	0.15	0.142	95	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1578968	685144 - 2740574	
Chlorobenzene-d5	2315039	1005325 - 4021300	
Fluorobenzene	6154403	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3413.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0974	97	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0448	90	74 - 125	
1,1,1-Trichloroethane	0.05	0.0477	95	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0519	104	59 - 140	
1,1,2-Trichloroethane	0.05	0.0477	95	62 - 127	
1,1-Dichloroethane	0.05	0.0477	95	73 - 125	
1,1-Dichloroethene	0.05	0.0482	96	65 - 136	
1,1-Dichloropropene	0.05	0.0472	94	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0549	110	62 - 133	
1,2,3-Trichloropropane	0.05	0.0488	98	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0568	114	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0501	100	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0573	115	49 - 135	
1,2-Dibromoethane	0.05	0.0460	92	70 - 124	
1,2-Dichlorobenzene	0.05	0.0486	97	74 - 120	
1,2-Dichloroethane	0.05	0.0484	97	72 - 137	
1,2-Dichloropropane	0.05	0.0467	93	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0496	99	65 - 133	
1,3-Dichlorobenzene	0.05	0.0474	95	72 - 124	
1,3-Dichloropropane	0.05	0.0484	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0465	93	72 - 125	
1-Chlorohexane	0.05	0.0496	99	60 - 135	
2,2-Dichloropropane	0.05	0.0478	96	67 - 134	
2-Butanone	0.1	0.111	111	40 - 135	
2-Chlorotoluene	0.05	0.0473	95	69 - 128	
4-Chlorotoluene	0.05	0.0480	96	73 - 126	
4-Methyl-2-pentanone	0.1	0.0956	96	47 - 147	
Acetone	0.1	0.110	110	40 - 141	
Benzene	0.05	0.0485	97	73 - 126	
Bromobenzene	0.05	0.0465	93	66 - 121	
Bromochloromethane	0.05	0.0468	94	71 - 127	
Bromodichloromethane	0.05	0.0434	87	72 - 128	
Bromoform	0.05	0.0500	100	66 - 137	
Bromomethane	0.05	0.0482	96	45 - 141	
Carbon tetrachloride	0.05	0.0492	98	67 - 133	
Chlorobenzene	0.05	0.0474	95	75 - 123	
Chloroethane	0.05	0.0450	90	41 - 141	
Chloroform	0.05	0.0468	94	72 - 124	
Chloromethane	0.05	0.0475	95	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0476	95	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0444	89	72 - 126	
Dibromochloromethane	0.05	0.0434	87	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3413.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0474	95	73 - 128	
Dichlorodifluoromethane	0.05	0.0563	113	34 - 136	
Ethylbenzene	0.05	0.0496	99	74 - 127	
Hexachlorobutadiene	0.05	0.0510	102	53 - 142	
Isopropylbenzene	0.05	0.0499	100	77 - 129	
Methyl tert-butyl ether	0.05	0.0495	99	50 - 135	
Methylene chloride	0.05	0.0466	93	63 - 137	
n-Butylbenzene	0.05	0.0481	96	65 - 138	
n-Propylbenzene	0.05	0.0498	100	63 - 135	
Naphthalene	0.05	0.0587	117	51 - 135	
o-Xylene	0.05	0.0493	99	77 - 125	
p-Isopropyltoluene	0.05	0.0498	100	75 - 133	
sec-Butylbenzene	0.05	0.0506	101	63 - 132	
Styrene	0.05	0.0466	93	74 - 128	
tert-Butylbenzene	0.05	0.0495	99	65 - 132	
Tetrachloroethene	0.05	0.0476	95	67 - 139	
Toluene	0.05	0.0453	91	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0477	95	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0441	88	65 - 127	
Trichloroethene	0.05	0.0458	92	77 - 124	
Trichlorofluoromethane	0.05	0.0429	86	49 - 139	
Vinyl chloride	0.05	0.0509	102	58 - 126	
Xylenes (total)	0.15	0.147	98	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1550733	685144 - 2740574	
Chlorobenzene-d5	2283941	1005325 - 4021300	
Fluorobenzene	6190864	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5626

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10074 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9139.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.58	112	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.72	109	74 - 125	
1,1,1-Trichloroethane	2.5	2.43	97	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.10	84	59 - 140	
1,1,2-Trichloroethane	2.5	2.40	96	62 - 127	
1,1-Dichloroethane	2.5	2.21	88	73 - 125	
1,1-Dichloroethene	2.5	2.71	108	65 - 136	
1,1-Dichloropropene	2.5	2.41	96	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.43	97	62 - 133	
1,2,3-Trichloropropane	2.5	2.06	82	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.39	96	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.37	95	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.06	82	49 - 135	
1,2-Dibromoethane	2.5	2.71	108	70 - 124	
1,2-Dichlorobenzene	2.5	2.52	101	74 - 120	
1,2-Dichloroethane	2.5	2.14	86	72 - 137	
1,2-Dichloropropane	2.5	2.23	89	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.39	95	65 - 133	
1,3-Dichlorobenzene	2.5	2.54	102	72 - 124	
1,3-Dichloropropane	2.5	2.45	98	76 - 123	
1,4-Dichlorobenzene	2.5	2.44	97	72 - 125	
1-Chlorohexane	2.5	2.58	103	60 - 135	
2,2-Dichloropropane	2.5	2.31	92	67 - 134	
2-Butanone	5	4.37	87	40 - 135	
2-Chlorotoluene	2.5	2.27	91	69 - 128	
4-Chlorotoluene	2.5	2.30	92	73 - 126	
4-Methyl-2-pentanone	5	4.15	83	47 - 147	
Acetone	5	4.77	95	40 - 141	
Benzene	2.5	2.36	94	73 - 126	
Bromobenzene	2.5	2.47	99	66 - 121	
Bromochloromethane	2.5	2.62	105	71 - 127	
Bromodichloromethane	2.5	2.24	89	72 - 128	
Bromoform	2.5	2.49	100	66 - 137	
Bromomethane	2.5	2.14	86	45 - 141	
Carbon tetrachloride	2.5	2.46	99	67 - 133	
Chlorobenzene	2.5	2.75	110	75 - 123	
Chloroethane	2.5	2.45	98	41 - 141	
Chloroform	2.5	2.29	92	72 - 124	
Chloromethane	2.5	2.28	91	51 - 129	
cis-1,2-Dichloroethene	2.5	2.58	103	67 - 125	
cis-1,3-Dichloropropene	2.5	2.32	93	72 - 126	
Dibromochloromethane	2.5	2.58	103	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5626

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10074 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9139.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.30	92	73 - 128	
Dichlorodifluoromethane	2.5	2.70	108	34 - 136	
Ethylbenzene	2.5	2.60	104	74 - 127	
Hexachlorobutadiene	2.5	2.26	90	53 - 142	
Isopropylbenzene	2.5	2.42	97	77 - 129	
Methyl tert-butyl ether	2.5	2.44	98	50 - 135	
Methylene chloride	2.5	2.38	95	63 - 137	
n-Butylbenzene	2.5	2.17	87	65 - 138	
n-Propylbenzene	2.5	2.38	95	63 - 135	
Naphthalene	2.5	2.51	100	51 - 135	
o-Xylene	2.5	2.72	109	77 - 125	
p-Isopropyltoluene	2.5	2.50	100	75 - 133	
sec-Butylbenzene	2.5	2.49	100	63 - 132	
Styrene	2.5	2.46	98	74 - 128	
tert-Butylbenzene	2.5	2.40	96	65 - 132	
Tetrachloroethene	2.5	2.91	116	67 - 139	
Toluene	2.5	2.56	102	71 - 127	
trans-1,2-Dichloroethene	2.5	2.63	105	66 - 134	
trans-1,3-Dichloropropene	2.5	2.36	94	65 - 127	
Trichloroethene	2.5	2.44	98	77 - 124	
Trichlorofluoromethane	2.5	2.32	93	49 - 139	
Vinyl chloride	2.5	2.52	101	58 - 126	
Xylenes (total)	7.5	8.30	111	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	929492	353482 - 1413926	
Chlorobenzene-d5	887278	383378 - 1533514	
Fluorobenzene	2128565	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10091 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3433.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0896	90	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0440	88	74 - 125	
1,1,1-Trichloroethane	0.05	0.0451	90	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0544	109	59 - 140	
1,1,2-Trichloroethane	0.05	0.0488	98	62 - 127	
1,1-Dichloroethane	0.05	0.0458	92	73 - 125	
1,1-Dichloroethene	0.05	0.0438	88	65 - 136	
1,1-Dichloropropene	0.05	0.0440	88	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0516	103	62 - 133	
1,2,3-Trichloropropane	0.05	0.0511	102	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0502	100	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0488	98	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0660	132	49 - 135	
1,2-Dibromoethane	0.05	0.0476	95	70 - 124	
1,2-Dichlorobenzene	0.05	0.0485	97	74 - 120	
1,2-Dichloroethane	0.05	0.0491	98	72 - 137	
1,2-Dichloropropane	0.05	0.0479	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0471	94	65 - 133	
1,3-Dichlorobenzene	0.05	0.0450	90	72 - 124	
1,3-Dichloropropane	0.05	0.0487	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0446	89	72 - 125	
1-Chlorohexane	0.05	0.0429	86	60 - 135	
2,2-Dichloropropane	0.05	0.0434	87	67 - 134	
2-Butanone	0.1	0.112	112	40 - 135	
2-Chlorotoluene	0.05	0.0463	93	69 - 128	
4-Chlorotoluene	0.05	0.0459	92	73 - 126	
4-Methyl-2-pentanone	0.1	0.0948	95	47 - 147	
Acetone	0.1	0.105	105	40 - 141	
Benzene	0.05	0.0477	95	73 - 126	
Bromobenzene	0.05	0.0476	95	66 - 121	
Bromochloromethane	0.05	0.0487	97	71 - 127	
Bromodichloromethane	0.05	0.0436	87	72 - 128	
Bromoform	0.05	0.0487	97	66 - 137	
Bromomethane	0.05	0.0492	98	45 - 141	
Carbon tetrachloride	0.05	0.0447	89	67 - 133	
Chlorobenzene	0.05	0.0469	94	75 - 123	
Chloroethane	0.05	0.0443	89	41 - 141	
Chloroform	0.05	0.0464	93	72 - 124	
Chloromethane	0.05	0.0420	84	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0477	95	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0448	90	72 - 126	
Dibromochloromethane	0.05	0.0430	86	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10091 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3433.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0490	98	73 - 128	
Dichlorodifluoromethane	0.05	0.0485	97	34 - 136	
Ethylbenzene	0.05	0.0460	92	74 - 127	
Hexachlorobutadiene	0.05	0.0448	90	53 - 142	
Isopropylbenzene	0.05	0.0483	97	77 - 129	
Methyl tert-butyl ether	0.05	0.0520	104	50 - 135	
Methylene chloride	0.05	0.0470	94	63 - 137	
n-Butylbenzene	0.05	0.0414	83	65 - 138	
n-Propylbenzene	0.05	0.0462	92	63 - 135	
Naphthalene	0.05	0.0724	145	51 - 135	*
o-Xylene	0.05	0.0469	94	77 - 125	
p-Isopropyltoluene	0.05	0.0446	89	75 - 133	
sec-Butylbenzene	0.05	0.0462	92	63 - 132	
Styrene	0.05	0.0441	88	74 - 128	
tert-Butylbenzene	0.05	0.0474	95	65 - 132	
Tetrachloroethene	0.05	0.0421	84	67 - 139	
Toluene	0.05	0.0440	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0456	91	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0442	88	65 - 127	
Trichloroethene	0.05	0.0432	86	77 - 124	
Trichlorofluoromethane	0.05	0.0372	74	49 - 139	
Vinyl chloride	0.05	0.0454	91	58 - 126	
Xylenes (total)	0.15	0.136	91	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1462463	685144 - 2740574	
Chlorobenzene-d5	2302656	1005325 - 4021300	
Fluorobenzene	6096383	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3549.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0942	94	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0422	84	74 - 125	
1,1,1-Trichloroethane	0.05	0.0486	97	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0484	97	59 - 140	
1,1,2-Trichloroethane	0.05	0.0440	88	62 - 127	
1,1-Dichloroethane	0.05	0.0500	100	73 - 125	
1,1-Dichloroethene	0.05	0.0478	96	65 - 136	
1,1-Dichloropropene	0.05	0.0488	98	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0610	122	62 - 133	
1,2,3-Trichloropropane	0.05	0.0463	93	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0572	114	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0531	106	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0602	120	49 - 135	
1,2-Dibromoethane	0.05	0.0402	80	70 - 124	
1,2-Dichlorobenzene	0.05	0.0498	100	74 - 120	
1,2-Dichloroethane	0.05	0.0461	92	72 - 137	
1,2-Dichloropropane	0.05	0.0480	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0534	107	65 - 133	
1,3-Dichlorobenzene	0.05	0.0486	97	72 - 124	
1,3-Dichloropropane	0.05	0.0445	89	76 - 123	
1,4-Dichlorobenzene	0.05	0.0468	94	72 - 125	
1-Chlorohexane	0.05	0.0490	98	60 - 135	
2,2-Dichloropropane	0.05	0.0495	99	67 - 134	
2-Butanone	0.1	0.0969	97	40 - 135	
2-Chlorotoluene	0.05	0.0538	108	69 - 128	
4-Chlorotoluene	0.05	0.0535	107	73 - 126	
4-Methyl-2-pentanone	0.1	0.0803	80	47 - 147	
Acetone	0.1	0.0942	94	40 - 141	
Benzene	0.05	0.0500	100	73 - 126	
Bromobenzene	0.05	0.0470	94	66 - 121	
Bromochloromethane	0.05	0.0431	86	71 - 127	
Bromodichloromethane	0.05	0.0438	88	72 - 128	
Bromoform	0.05	0.0416	83	66 - 137	
Bromomethane	0.05	0.0504	101	45 - 141	
Carbon tetrachloride	0.05	0.0520	104	67 - 133	
Chlorobenzene	0.05	0.0450	90	75 - 123	
Chloroethane	0.05	0.0657	131	41 - 141	
Chloroform	0.05	0.0480	96	72 - 124	
Chloromethane	0.05	0.0569	114	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0477	95	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0444	89	72 - 126	
Dibromochloromethane	0.05	0.0392	78	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3549.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0436	87	73 - 128	
Dichlorodifluoromethane	0.05	0.0562	112	34 - 136	
Ethylbenzene	0.05	0.0497	99	74 - 127	
Hexachlorobutadiene	0.05	0.0493	99	53 - 142	
Isopropylbenzene	0.05	0.0561	112	77 - 129	
Methyl tert-butyl ether	0.05	0.0462	92	50 - 135	
Methylene chloride	0.05	0.0469	94	63 - 137	
n-Butylbenzene	0.05	0.0520	104	65 - 138	
n-Propylbenzene	0.05	0.0564	113	63 - 135	
Naphthalene	0.05	0.0712	142	51 - 135	*
o-Xylene	0.05	0.0471	94	77 - 125	
p-Isopropyltoluene	0.05	0.0525	105	75 - 133	
sec-Butylbenzene	0.05	0.0556	111	63 - 132	
Styrene	0.05	0.0444	89	74 - 128	
tert-Butylbenzene	0.05	0.0536	107	65 - 132	
Tetrachloroethene	0.05	0.0414	83	67 - 139	
Toluene	0.05	0.0445	89	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0480	96	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0429	86	65 - 127	
Trichloroethene	0.05	0.0459	92	77 - 124	
Trichlorofluoromethane	0.05	0.0633	127	49 - 139	
Vinyl chloride	0.05	0.0561	112	58 - 126	
Xylenes (total)	0.15	0.141	94	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	91	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	100	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	984525	685144 - 2740574	
Chlorobenzene-d5	1679428	1005325 - 4021300	
Fluorobenzene	4468955	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3550.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0943	94	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0443	89	74 - 125	
1,1,1-Trichloroethane	0.05	0.0503	101	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0533	107	59 - 140	
1,1,2-Trichloroethane	0.05	0.0474	95	62 - 127	
1,1-Dichloroethane	0.05	0.0512	102	73 - 125	
1,1-Dichloroethene	0.05	0.0491	98	65 - 136	
1,1-Dichloropropene	0.05	0.0499	100	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0627	125	62 - 133	
1,2,3-Trichloropropane	0.05	0.0520	104	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0564	113	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0533	107	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0680	136	49 - 135	*
1,2-Dibromoethane	0.05	0.0434	87	70 - 124	
1,2-Dichlorobenzene	0.05	0.0505	101	74 - 120	
1,2-Dichloroethane	0.05	0.0485	97	72 - 137	
1,2-Dichloropropane	0.05	0.0490	98	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0540	108	65 - 133	
1,3-Dichlorobenzene	0.05	0.0485	97	72 - 124	
1,3-Dichloropropane	0.05	0.0475	95	76 - 123	
1,4-Dichlorobenzene	0.05	0.0468	94	72 - 125	
1-Chlorohexane	0.05	0.0486	97	60 - 135	
2,2-Dichloropropane	0.05	0.0497	99	67 - 134	
2-Butanone	0.1	0.112	112	40 - 135	
2-Chlorotoluene	0.05	0.0531	106	69 - 128	
4-Chlorotoluene	0.05	0.0533	107	73 - 126	
4-Methyl-2-pentanone	0.1	0.0904	90	47 - 147	
Acetone	0.1	0.109	109	40 - 141	
Benzene	0.05	0.0513	103	73 - 126	
Bromobenzene	0.05	0.0480	96	66 - 121	
Bromochloromethane	0.05	0.0446	89	71 - 127	
Bromodichloromethane	0.05	0.0453	91	72 - 128	
Bromoform	0.05	0.0453	91	66 - 137	
Bromomethane	0.05	0.0487	97	45 - 141	
Carbon tetrachloride	0.05	0.0529	106	67 - 133	
Chlorobenzene	0.05	0.0460	92	75 - 123	
Chloroethane	0.05	0.0624	125	41 - 141	
Chloroform	0.05	0.0489	98	72 - 124	
Chloromethane	0.05	0.0527	105	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0490	98	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0454	91	72 - 126	
Dibromochloromethane	0.05	0.0421	84	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3550.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0463	93	73 - 128	
Dichlorodifluoromethane	0.05	0.0544	109	34 - 136	
Ethylbenzene	0.05	0.0496	99	74 - 127	
Hexachlorobutadiene	0.05	0.0517	103	53 - 142	
Isopropylbenzene	0.05	0.0561	112	77 - 129	
Methyl tert-butyl ether	0.05	0.0499	100	50 - 135	
Methylene chloride	0.05	0.0459	92	63 - 137	
n-Butylbenzene	0.05	0.0508	102	65 - 138	
n-Propylbenzene	0.05	0.0560	112	63 - 135	
Naphthalene	0.05	0.0771	154	51 - 135	*
o-Xylene	0.05	0.0478	96	77 - 125	
p-Isopropyltoluene	0.05	0.0523	105	75 - 133	
sec-Butylbenzene	0.05	0.0556	111	63 - 132	
Styrene	0.05	0.0448	90	74 - 128	
tert-Butylbenzene	0.05	0.0549	110	65 - 132	
Tetrachloroethene	0.05	0.0425	85	67 - 139	
Toluene	0.05	0.0442	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0491	98	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0440	88	65 - 127	
Trichloroethene	0.05	0.0466	93	77 - 124	
Trichlorofluoromethane	0.05	0.0552	110	49 - 139	
Vinyl chloride	0.05	0.0574	115	58 - 126	
Xylenes (total)	0.15	0.142	95	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	990072	685144 - 2740574	
Chlorobenzene-d5	1664763	1005325 - 4021300	
Fluorobenzene	4502834	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5619

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10190 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1272.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.02	100	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.40	96	74 - 125	
1,1,1-Trichloroethane	2.5	2.48	99	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.47	99	59 - 140	
1,1,2-Trichloroethane	2.5	2.39	96	62 - 127	
1,1-Dichloroethane	2.5	2.62	105	73 - 125	
1,1-Dichloroethene	2.5	2.78	111	65 - 136	
1,1-Dichloropropene	2.5	2.55	102	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.49	100	62 - 133	
1,2,3-Trichloropropane	2.5	2.32	93	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.53	101	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.46	98	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.38	95	49 - 135	
1,2-Dibromoethane	2.5	2.46	98	70 - 124	
1,2-Dichlorobenzene	2.5	2.65	106	74 - 120	
1,2-Dichloroethane	2.5	2.39	96	72 - 137	
1,2-Dichloropropane	2.5	2.53	101	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.49	100	65 - 133	
1,3-Dichlorobenzene	2.5	2.58	103	72 - 124	
1,3-Dichloropropane	2.5	2.52	101	76 - 123	
1,4-Dichlorobenzene	2.5	2.50	100	72 - 125	
1-Chlorohexane	2.5	2.68	107	60 - 135	
2,2-Dichloropropane	2.5	2.42	97	67 - 134	
2-Butanone	5	4.71	94	40 - 135	
2-Chlorotoluene	2.5	2.83	113	69 - 128	
4-Chlorotoluene	2.5	2.21	88	73 - 126	
4-Methyl-2-pentanone	5	4.69	94	47 - 147	
Acetone	5	5.78	116	40 - 141	
Benzene	2.5	2.60	104	73 - 126	
Bromobenzene	2.5	2.43	97	66 - 121	
Bromochloromethane	2.5	2.45	98	71 - 127	
Bromodichloromethane	2.5	2.47	99	72 - 128	
Bromoform	2.5	2.44	98	66 - 137	
Bromomethane	2.5	2.11	84	45 - 141	
Carbon tetrachloride	2.5	2.48	99	67 - 133	
Chlorobenzene	2.5	2.49	100	75 - 123	
Chloroethane	2.5	2.80	112	41 - 141	
Chloroform	2.5	2.49	100	72 - 124	
Chloromethane	2.5	2.54	102	51 - 129	
cis-1,2-Dichloroethene	2.5	2.52	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.46	98	72 - 126	
Dibromochloromethane	2.5	2.38	95	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5619

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10190 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1272.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.50	100	73 - 128	
Dichlorodifluoromethane	2.5	2.30	92	34 - 136	
Ethylbenzene	2.5	2.47	99	74 - 127	
Hexachlorobutadiene	2.5	2.60	104	53 - 142	
Isopropylbenzene	2.5	2.58	103	77 - 129	
Methyl tert-butyl ether	2.5	2.48	99	50 - 135	
Methylene chloride	2.5	2.48	99	63 - 137	
n-Butylbenzene	2.5	2.58	103	65 - 138	
n-Propylbenzene	2.5	2.63	105	63 - 135	
Naphthalene	2.5	2.30	92	51 - 135	
o-Xylene	2.5	2.54	102	77 - 125	
p-Isopropyltoluene	2.5	2.58	103	75 - 133	
sec-Butylbenzene	2.5	2.65	106	63 - 132	
Styrene	2.5	2.54	101	74 - 128	
tert-Butylbenzene	2.5	2.55	102	65 - 132	
Tetrachloroethene	2.5	2.54	102	67 - 139	
Toluene	2.5	2.54	102	71 - 127	
trans-1,2-Dichloroethene	2.5	2.63	105	66 - 134	
trans-1,3-Dichloropropene	2.5	2.43	97	65 - 127	
Trichloroethene	2.5	2.57	103	77 - 124	
Trichlorofluoromethane	2.5	2.62	105	49 - 139	
Vinyl chloride	2.5	2.82	113	58 - 126	
Xylenes (total)	7.5	7.56	101	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	93	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2538812	1128046 - 4512186	
Chlorobenzene-d5	3034122	1392345 - 5569380	
Fluorobenzene	5318279	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10023 **MS ID:** LCS-10023 **MSD ID:** LCSD-10023

Calibration ID: 963

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.0903	90	0.0924	92	2	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0403	81	0.0412	82	2	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0442	88	0.0449	90	2	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0524	105	0.0525	105	0	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0497	99	0.0482	96	3	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0478	96	0.0489	98	2	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0427	85	0.0446	89	4	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0457	91	0.0461	92	1	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0452	90	0.0461	92	2	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0503	101	0.0522	104	4	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0429	86	0.0420	84	2	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0476	95	0.0511	102	7	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0510	102	0.0527	105	3	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0456	91	0.0446	89	2	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0482	96	0.0491	98	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0496	99	0.0489	98	1	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0484	97	0.0492	98	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0476	95	0.0513	103	8	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0463	93	0.0472	94	2	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0475	95	0.0487	97	3	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0455	91	0.0471	94	3	72 - 125	30	
1-Chlorohexane		0.0500	0.0432	86	0.0440	88	2	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0459	92	0.0462	92	1	67 - 134	30	
2-Butanone		0.100	0.0886	89	0.0959	96	8	40 - 135	30	
2-Chlorotoluene		0.0500	0.0494	99	0.0514	103	4	69 - 128	30	
4-Chlorotoluene		0.0500	0.0490	98	0.0510	102	4	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0985	99	0.0985	98	0	47 - 147	30	
Acetone		0.100	0.104	104	0.115	115	10	40 - 141	30	
Benzene		0.0500	0.0440	88	0.0452	90	3	73 - 126	30	
Bromobenzene		0.0500	0.0459	92	0.0466	93	1	66 - 121	30	
Bromochloromethane		0.0500	0.0455	91	0.0450	90	1	71 - 127	30	
Bromodichloromethane		0.0500	0.0491	98	0.0489	98	0	72 - 128	30	
Bromoform		0.0500	0.0448	90	0.0437	87	2	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10023 **MS ID:** LCS-10023 **MSD ID:** LCSD-10023

Calibration ID: 963

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0434	87	0.0477	95	9	45 - 141	30	
Carbon tetrachloride		0.0500	0.0419	84	0.0411	82	2	67 - 133	30	
Chlorobenzene		0.0500	0.0452	91	0.0463	93	2	75 - 123	30	
Chloroethane		0.0500	0.0606	121	0.0761	152	23	41 - 141	30	*
Chloroform		0.0500	0.0468	94	0.0478	96	2	72 - 124	30	
Chloromethane		0.0500	0.0392	78	0.0431	86	9	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0455	91	0.0465	93	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0475	95	0.0472	94	1	72 - 126	30	
Dibromochloromethane		0.0500	0.0400	80	0.0402	80	0	66 - 130	30	
Dibromomethane		0.0500	0.0481	96	0.0472	94	2	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0295	59	0.0343	69	15	34 - 136	30	
Ethylbenzene		0.0500	0.0412	82	0.0423	85	3	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0421	84	0.0400	80	5	53 - 142	30	
Isopropylbenzene		0.0500	0.0449	90	0.0475	95	6	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0511	102	0.0502	100	2	50 - 135	30	
Methylene chloride		0.0500	0.0449	90	0.0467	93	4	63 - 137	30	
n-Butylbenzene		0.0500	0.0470	94	0.0481	96	2	65 - 138	30	
n-Propylbenzene		0.0500	0.0444	89	0.0472	94	6	63 - 135	30	
Naphthalene		0.0500	0.0564	113	0.0574	115	2	51 - 135	30	
o-Xylene		0.0500	0.0407	81	0.0414	83	2	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0398	80	0.0422	84	6	75 - 133	30	
sec-Butylbenzene		0.0500	0.0434	87	0.0457	91	5	63 - 132	30	
Styrene		0.0500	0.0433	87	0.0429	86	1	74 - 128	30	
tert-Butylbenzene		0.0500	0.0503	101	0.0527	105	5	65 - 132	30	
Tetrachloroethene		0.0500	0.0362	72	0.0374	75	3	67 - 139	30	
Toluene		0.0500	0.0458	92	0.0463	93	1	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0428	86	0.0440	88	3	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0485	97	0.0475	95	2	65 - 127	30	
Trichloroethene		0.0500	0.0432	86	0.0455	91	5	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0580	116	0.0631	126	9	49 - 139	30	
Vinyl chloride		0.0500	0.0388	78	0.0465	93	18	58 - 126	30	
Xylenes (total)		0.150	0.131	87	0.134	89	2	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10069 **MS ID:** LCS-10069 **MSD ID:** LCSD-10069

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.0954	95	0.0974	97	2	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0420	84	0.0448	90	6	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0477	95	0.0477	95	0	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0454	91	0.0519	104	13	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0437	87	0.0477	95	9	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0463	93	0.0477	95	3	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0487	97	0.0482	96	1	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0486	97	0.0472	94	3	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0519	104	0.0549	110	6	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0416	83	0.0488	98	16	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0550	110	0.0568	114	3	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0470	94	0.0501	100	6	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0513	103	0.0573	115	11	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0424	85	0.0460	92	8	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0457	91	0.0486	97	6	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0452	90	0.0484	97	7	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0449	90	0.0467	93	4	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0469	94	0.0496	99	6	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0450	90	0.0474	95	5	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0441	88	0.0484	97	9	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0439	88	0.0465	93	6	72 - 125	30	
1-Chlorohexane		0.0500	0.0496	99	0.0496	99	0	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0475	95	0.0478	96	1	67 - 134	30	
2-Butanone		0.100	0.0996	100	0.111	111	11	40 - 135	30	
2-Chlorotoluene		0.0500	0.0455	91	0.0473	95	4	69 - 128	30	
4-Chlorotoluene		0.0500	0.0459	92	0.0480	96	5	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0846	85	0.0956	96	12	47 - 147	30	
Acetone		0.100	0.0962	96	0.110	110	14	40 - 141	30	
Benzene		0.0500	0.0477	95	0.0485	97	2	73 - 126	30	
Bromobenzene		0.0500	0.0440	88	0.0465	93	5	66 - 121	30	
Bromochloromethane		0.0500	0.0453	91	0.0468	94	3	71 - 127	30	
Bromodichloromethane		0.0500	0.0422	84	0.0434	87	3	72 - 128	30	
Bromoform		0.0500	0.0443	89	0.0500	100	12	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10069 **MS ID:** LCS-10069 **MSD ID:** LCSD-10069

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0496	99	0.0482	96	3	45 - 141	30	
Carbon tetrachloride		0.0500	0.0498	100	0.0492	98	1	67 - 133	30	
Chlorobenzene		0.0500	0.0456	91	0.0474	95	4	75 - 123	30	
Chloroethane		0.0500	0.0460	92	0.0450	90	2	41 - 141	30	
Chloroform		0.0500	0.0460	92	0.0468	94	2	72 - 124	30	
Chloromethane		0.0500	0.0497	99	0.0475	95	4	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0465	93	0.0476	95	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0427	85	0.0444	89	4	72 - 126	30	
Dibromochloromethane		0.0500	0.0397	79	0.0434	87	9	66 - 130	30	
Dibromomethane		0.0500	0.0446	89	0.0474	95	6	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0575	115	0.0563	113	2	34 - 136	30	
Ethylbenzene		0.0500	0.0485	97	0.0496	99	2	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0511	102	0.0510	102	0	53 - 142	30	
Isopropylbenzene		0.0500	0.0482	96	0.0499	100	3	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0465	93	0.0495	99	6	50 - 135	30	
Methylene chloride		0.0500	0.0446	89	0.0466	93	5	63 - 137	30	
n-Butylbenzene		0.0500	0.0472	94	0.0481	96	2	65 - 138	30	
n-Propylbenzene		0.0500	0.0482	96	0.0498	100	3	63 - 135	30	
Naphthalene		0.0500	0.0509	102	0.0587	117	14	51 - 135	30	
o-Xylene		0.0500	0.0471	94	0.0493	99	5	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0480	96	0.0498	100	4	75 - 133	30	
sec-Butylbenzene		0.0500	0.0485	97	0.0506	101	4	63 - 132	30	
Styrene		0.0500	0.0438	88	0.0466	93	6	74 - 128	30	
tert-Butylbenzene		0.0500	0.0472	94	0.0495	99	5	65 - 132	30	
Tetrachloroethene		0.0500	0.0473	95	0.0476	95	1	67 - 139	30	
Toluene		0.0500	0.0439	88	0.0453	91	3	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0476	95	0.0477	95	0	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0415	83	0.0441	88	6	65 - 127	30	
Trichloroethene		0.0500	0.0455	91	0.0458	92	1	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0477	95	0.0429	86	11	49 - 139	30	
Vinyl chloride		0.0500	0.0492	98	0.0509	102	3	58 - 126	30	
Xylenes (total)		0.150	0.142	95	0.147	98	3	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10171 **MS ID:** LCS-10171 **MSD ID:** LCSD-10171

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.0942	94	0.0943	94	0	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0422	84	0.0443	89	5	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0486	97	0.0503	101	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0484	97	0.0533	107	10	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0440	88	0.0474	95	7	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0500	100	0.0512	102	2	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0478	96	0.0491	98	3	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0488	98	0.0499	100	2	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0610	122	0.0627	125	3	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0463	93	0.0520	104	12	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0572	114	0.0564	113	1	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0531	106	0.0533	107	0	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0602	120	0.0680	136	12	49 - 135	30	*
1,2-Dibromoethane		0.0500	0.0402	80	0.0434	87	8	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0498	100	0.0505	101	1	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0461	92	0.0485	97	5	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0480	96	0.0490	98	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0534	107	0.0540	108	1	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0486	97	0.0485	97	0	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0445	89	0.0475	95	7	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0468	94	0.0468	94	0	72 - 125	30	
1-Chlorohexane		0.0500	0.0490	98	0.0486	97	1	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0495	99	0.0497	99	1	67 - 134	30	
2-Butanone		0.100	0.0969	97	0.112	112	14	40 - 135	30	
2-Chlorotoluene		0.0500	0.0538	108	0.0531	106	1	69 - 128	30	
4-Chlorotoluene		0.0500	0.0535	107	0.0533	107	0	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0803	80	0.0904	90	12	47 - 147	30	
Acetone		0.100	0.0942	94	0.109	109	15	40 - 141	30	
Benzene		0.0500	0.0500	100	0.0513	103	3	73 - 126	30	
Bromobenzene		0.0500	0.0470	94	0.0480	96	2	66 - 121	30	
Bromochloromethane		0.0500	0.0431	86	0.0446	89	3	71 - 127	30	
Bromodichloromethane		0.0500	0.0438	88	0.0453	91	3	72 - 128	30	
Bromoform		0.0500	0.0416	83	0.0453	91	9	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10171 **MS ID:** LCS-10171 **MSD ID:** LCSD-10171

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0504	101	0.0487	97	3	45 - 141	30	
Carbon tetrachloride		0.0500	0.0520	104	0.0529	106	2	67 - 133	30	
Chlorobenzene		0.0500	0.0450	90	0.0460	92	2	75 - 123	30	
Chloroethane		0.0500	0.0657	131	0.0624	125	5	41 - 141	30	
Chloroform		0.0500	0.0480	96	0.0489	98	2	72 - 124	30	
Chloromethane		0.0500	0.0569	114	0.0527	105	8	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0477	95	0.0490	98	3	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0444	89	0.0454	91	2	72 - 126	30	
Dibromochloromethane		0.0500	0.0392	78	0.0421	84	7	66 - 130	30	
Dibromomethane		0.0500	0.0436	87	0.0463	93	6	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0562	112	0.0544	109	3	34 - 136	30	
Ethylbenzene		0.0500	0.0497	99	0.0496	99	0	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0493	99	0.0517	103	5	53 - 142	30	
Isopropylbenzene		0.0500	0.0561	112	0.0561	112	0	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0462	92	0.0499	100	8	50 - 135	30	
Methylene chloride		0.0500	0.0469	94	0.0459	92	2	63 - 137	30	
n-Butylbenzene		0.0500	0.0520	104	0.0508	102	2	65 - 138	30	
n-Propylbenzene		0.0500	0.0564	113	0.0560	112	1	63 - 135	30	
Naphthalene		0.0500	0.0712	142	0.0771	154	8	51 - 135	30	*
o-Xylene		0.0500	0.0471	94	0.0478	96	1	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0525	105	0.0523	105	0	75 - 133	30	
sec-Butylbenzene		0.0500	0.0556	111	0.0556	111	0	63 - 132	30	
Styrene		0.0500	0.0444	89	0.0448	90	1	74 - 128	30	
tert-Butylbenzene		0.0500	0.0536	107	0.0549	110	2	65 - 132	30	
Tetrachloroethene		0.0500	0.0414	83	0.0425	85	3	67 - 139	30	
Toluene		0.0500	0.0445	89	0.0442	88	1	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0480	96	0.0491	98	2	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0429	86	0.0440	88	2	65 - 127	30	
Trichloroethene		0.0500	0.0459	92	0.0466	93	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0633	127	0.0552	110	14	49 - 139	30	
Vinyl chloride		0.0500	0.0561	112	0.0574	115	2	58 - 126	30	
Xylenes (total)		0.150	0.141	94	0.142	95	1	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 5619

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB01-1	0706110-001A	20-Jun-07	20-Jun-07	20-Jun-07	14	0.2	21-Jun-07	14	0.7	
AOC9-SB01-2	0706110-002A	20-Jun-07	20-Jun-07	20-Jun-07	14	0.2	21-Jun-07	14	0.8	
AOC9-SB01-2 DL	0706110-002ADL	20-Jun-07	20-Jun-07	20-Jun-07	14	0.2	03-Jul-07	14	13	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 5626

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB03-1	0706127-002A	21-Jun-07	21-Jun-07	21-Jun-07	14	0.2	25-Jun-07	14	4.2	
AOC9-SB03-1 DL	0706127-002ADL	21-Jun-07	21-Jun-07	21-Jun-07	14	0.2	22-Jun-07	14	0.4	
AOC9-SB05-1	0706127-006A	21-Jun-07	21-Jun-07	21-Jun-07	14	0.1	25-Jun-07	14	4.2	
AOC9-SB05-1 DL	0706127-006ADL	21-Jun-07	21-Jun-07	21-Jun-07	14	0.1	22-Jun-07	14	0.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10015

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB01-3	0706110-003A	20-Jun-07	20-Jun-07	20-Jun-07			20-Jun-07	14	0.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10023

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB03-2	0706127-003A	21-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	0.5	
AOC9-SB04-1	0706127-004A	21-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	0.5	
AOC9-SB04-2	0706127-005A	21-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB01-3 RA	0706110-003ARA	20-Jun-07	20-Jun-07	26-Jun-07			26-Jun-07	14	6.2	
AOC9-SB02-1	0706110-004A	20-Jun-07	20-Jun-07	26-Jun-07			26-Jun-07	14	6	
AOC9-SB02-2	0706127-001A	20-Jun-07	21-Jun-07	26-Jun-07			26-Jun-07	14	5.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB04-2 RA	0706127-005ARA	21-Jun-07	21-Jun-07	27-Jun-07			27-Jun-07	14	6.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB03-2 RA	0706127-003ARA	21-Jun-07	21-Jun-07	03-Jul-07			03-Jul-07	14	12.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB050907A3	TB050907A3	09-May-07	9:11	09-May-07	9:49
ICAL 2.0PPB	ICAL 2.0PPB	09-May-07	9:49	09-May-07	10:25
ICAL 5.0PPB	ICAL 5.0PPB	09-May-07	10:25	09-May-07	10:59
ICAL 20PPB	ICAL 20PPB	09-May-07	10:59	09-May-07	11:36
ICAL 50PPB	ICAL 50PPB	09-May-07	11:36	09-May-07	12:10
ICAL 100PPB	ICAL 100PPB	09-May-07	12:10	09-May-07	13:52
ICAL 150PPB	ICAL 150PPB	09-May-07	13:52	09-May-07	14:25
ICAL 200PPB	ICAL 200PPB	09-May-07	14:25	09-May-07	16:41
ICV-9583	ICV-9583	09-May-07	16:41	09-May-07	16:41
TB060107A3	TB060107A3	01-Jun-07	12:09	01-Jun-07	12:39
ICAL 0.3PPB	ICAL 0.3PPB	01-Jun-07	12:39	01-Jun-07	13:14
ICAL 0.5PPB	ICAL 0.5PPB	01-Jun-07	13:14	01-Jun-07	13:48
ICAL 2.0PPB	ICAL 2.0PPB	01-Jun-07	13:48	01-Jun-07	14:22
ICAL 10PPB	ICAL 10PPB	01-Jun-07	14:22	01-Jun-07	14:56
ICAL 20PPB	ICAL 20PPB	01-Jun-07	14:56	01-Jun-07	15:31
ICAL 30PPB	ICAL 30PPB	01-Jun-07	15:31	01-Jun-07	16:05
ICAL 40PPB	ICAL 40PPB	01-Jun-07	16:05	01-Jun-07	17:48
ICV-9809	ICV-9809	01-Jun-07	17:48	01-Jun-07	17:48
TB062007A3	TB062007A3	20-Jun-07	11:16	20-Jun-07	11:45
CCV-10015	CCV-10015	20-Jun-07	11:45	20-Jun-07	12:30
LCS-10015	LCS-10015	20-Jun-07	12:30	20-Jun-07	14:51
MB-10015	MB-10015	20-Jun-07	14:51	20-Jun-07	19:57
AOC9-SB01-3	0706110-003A	20-Jun-07	19:57	20-Jun-07	19:57
TB062007B3	TB062007B3	20-Jun-07	22:02	20-Jun-07	22:33
CCV-10016	CCV-10016	20-Jun-07	22:33	20-Jun-07	23:07
LCS-10016	LCS-10016	20-Jun-07	23:07	21-Jun-07	0:15
MB-10016	MB-10016	21-Jun-07	0:15	21-Jun-07	8:48
AOC9-SB01-1	0706110-001A	21-Jun-07	8:48	21-Jun-07	9:22
AOC9-SB01-2	0706110-002A	21-Jun-07	9:22	21-Jun-07	9:22
TB062107A3	TB062107A3	21-Jun-07	13:39	21-Jun-07	14:13
CCV-10023	CCV-10023	21-Jun-07	14:13	21-Jun-07	14:59
LCS-10023	LCS-10023	21-Jun-07	14:59	21-Jun-07	15:33
LCSD-10023	LCSD-10023	21-Jun-07	15:33	21-Jun-07	16:41
MB-10023	MB-10023	21-Jun-07	16:41	21-Jun-07	21:12
AOC9-SB03-2	0706127-003A	21-Jun-07	21:12	21-Jun-07	21:46
AOC9-SB04-1	0706127-004A	21-Jun-07	21:46	21-Jun-07	22:20
AOC9-SB04-2	0706127-005A	21-Jun-07	22:20	21-Jun-07	22:20
TB062507A3	TB062507A3	25-Jun-07	6:46	25-Jun-07	7:31

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
ICAL 2.0PPB	ICAL 2.0PPB	25-Jun-07	7:31	25-Jun-07	8:08
ICAL 5.0PPB	ICAL 5.0PPB	25-Jun-07	8:08	25-Jun-07	8:44
ICAL 20PPB	ICAL 20PPB	25-Jun-07	8:44	25-Jun-07	9:20
ICAL 50PPB	ICAL 50PPB	25-Jun-07	9:20	25-Jun-07	9:54
ICAL 100PPB	ICAL 100PPB	25-Jun-07	9:54	25-Jun-07	10:28
ICAL 150PPB	ICAL 150PPB	25-Jun-07	10:28	25-Jun-07	11:02
ICAL 200PPB	ICAL 200PPB	25-Jun-07	11:02	26-Jun-07	15:16
TB062607A3	TB062607A3	26-Jun-07	7:46	26-Jun-07	8:15
CCV-10069	CCV-10069	26-Jun-07	8:15	26-Jun-07	9:33
MB-10069	MB-10069	26-Jun-07	9:33	26-Jun-07	11:49
AOC9-SB02-1	0706110-004A	26-Jun-07	11:49	26-Jun-07	12:23
AOC9-SB02-2	0706127-001A	26-Jun-07	12:23	26-Jun-07	14:06
AOC9-SB01-3 RA	0706110-003ARA	26-Jun-07	14:06	26-Jun-07	15:16
ICV-10069	ICV-10069	26-Jun-07	15:16	26-Jun-07	15:16
LCS-10069	LCS-10069	26-Jun-07	15:16	26-Jun-07	15:50
LCSD-10069	LCSD-10069	26-Jun-07	15:50	26-Jun-07	15:50
TB062707A3	TB062707A3	27-Jun-07	5:59	27-Jun-07	6:27
CCV-10091	CCV-10091	27-Jun-07	6:27	27-Jun-07	7:39
MB-10091	MB-10091	27-Jun-07	7:39	27-Jun-07	14:01
AOC9-SB04-2 RA	0706127-005ARA	27-Jun-07	14:01	27-Jun-07	16:51
LCS-10091	LCS-10091	27-Jun-07	16:51	27-Jun-07	17:25
TB070307A3	TB070307A3	03-Jul-07	6:43	03-Jul-07	7:13
CCV-10171	CCV-10171	03-Jul-07	7:13	03-Jul-07	8:01
LCS-10171	LCS-10171	03-Jul-07	8:01	03-Jul-07	8:34
LCSD-10171	LCSD-10171	03-Jul-07	8:34	03-Jul-07	9:46
MB-10171	MB-10171	03-Jul-07	9:46	03-Jul-07	15:45
AOC9-SB03-2 RA	0706127-003ARA	03-Jul-07	15:45	03-Jul-07	15:45

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062107A1	TB062107A1	21-Jun-07	6:45	21-Jun-07	7:14
ICAL 0.3 PPB	ICAL 0.3 PPB	21-Jun-07	7:14	21-Jun-07	7:47
ICAL 0.5 PPB	ICAL 0.5 PPB	21-Jun-07	7:47	21-Jun-07	8:19
ICAL 2.0 PPB	ICAL 2.0 PPB	21-Jun-07	8:19	21-Jun-07	8:52
ICAL 10 PPB	ICAL 10 PPB	21-Jun-07	8:52	21-Jun-07	9:25
ICAL 20 PPB	ICAL 20 PPB	21-Jun-07	9:25	21-Jun-07	9:58
ICAL 30 PPB	ICAL 30 PPB	21-Jun-07	9:58	21-Jun-07	10:30
ICAL 40 PPB	ICAL 40 PPB	21-Jun-07	10:30	21-Jun-07	11:36
ICV-10014	ICV-10014	21-Jun-07	11:36	21-Jun-07	11:36
TB062107A2	TB062107A2	21-Jun-07	12:35	21-Jun-07	13:05
CCV-10031	CCV-10031	21-Jun-07	13:05	21-Jun-07	13:38
LCS-10031	LCS-10031	21-Jun-07	13:38	21-Jun-07	15:50
MB-10031	MB-10031	21-Jun-07	15:50	21-Jun-07	23:32
MB-5626	MB-5626	21-Jun-07	23:32	22-Jun-07	0:05
AOC9-SB03-1 DL	0706127-002ADL	22-Jun-07	0:05	22-Jun-07	0:38
AOC9-SB05-1 DL	0706127-006ADL	22-Jun-07	0:38	22-Jun-07	0:38
TB062507A1	TB062507A1	25-Jun-07	8:33	25-Jun-07	9:02
CCV-10074	CCV-10074	25-Jun-07	9:02	25-Jun-07	9:35
LCS-10074	LCS-10074	25-Jun-07	9:35	25-Jun-07	11:47
MB-10074	MB-10074	25-Jun-07	11:47	25-Jun-07	18:56
AOC9-SB03-1	0706127-002A	25-Jun-07	18:56	25-Jun-07	19:29
AOC9-SB05-1	0706127-006A	25-Jun-07	19:29	25-Jun-07	19:29

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS02_12

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062507A2	TB062507A2	25-Jun-07	9:43	25-Jun-07	10:21
ICAL 0.5 ppb	ICAL 0.5 ppb	25-Jun-07	10:21	25-Jun-07	10:59
ICAL 1.0 ppb	ICAL 1.0 ppb	25-Jun-07	10:59	25-Jun-07	11:38
ICAL 2.0 ppb	ICAL 2.0 ppb	25-Jun-07	11:38	25-Jun-07	12:16
ICAL 10 ppb	ICAL 10 ppb	25-Jun-07	12:16	25-Jun-07	12:55
ICAL 20 ppb	ICAL 20 ppb	25-Jun-07	12:55	25-Jun-07	13:33
ICAL 30 ppb	ICAL 30 ppb	25-Jun-07	13:33	25-Jun-07	14:11
ICAL 40 ppb	ICAL 40 ppb	25-Jun-07	14:11	25-Jun-07	16:13
ICV-10081	ICV-10081	25-Jun-07	16:13	25-Jun-07	16:13
TB070207B2	TB070207B2	03-Jul-07	5:51	03-Jul-07	6:25
CCV-10190	CCV-10190	03-Jul-07	6:25	03-Jul-07	7:04
LCS-10190	LCS-10190	03-Jul-07	7:04	03-Jul-07	7:42
MB-10190	MB-10190	03-Jul-07	7:42	03-Jul-07	14:05
AOC9-SB01-2 DL	0706110-002ADL	03-Jul-07	14:05	03-Jul-07	14:05

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070509A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	5/9/2007 9:11:00 AM
Initial Calibration ID:	963	**File ID:**	C:\HPCHEM\1\DATA\J2830.D
Compound:	SW8260B	**Sample ID:**	TB050907A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.2	
75	30 - 60% of m/z 95	49.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	65.0	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.4	
177	5 - 9% of m/z 176	6.9	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070601A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/1/2007 12:09:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3000.D
Compound:	SW8260B	**Sample ID:**	TB060107A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.0	
75	30 - 60% of m/z 95	50.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	68.0	
175	5 - 9% of m/z 174	7.5	
176	Greater than 95% but less than 101% of m/z 174	96.0	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070620A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/20/2007 11:16:00 AM
Initial Calibration ID:	963	**File ID:**	C:\HPCHEM\1\DATA\J3278.D
Compound:	SW8260B	**Sample ID:**	TB062007A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	19.1	
75	30 - 60% of m/z 95	50.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0.5	
174	Greater than 50% of m/z 95	65.5	
175	5 - 9% of m/z 174	7.6	
176	Greater than 95% but less than 101% of m/z 174	96.2	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070620B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/20/2007 10:02:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3296.D
Compound:	SW8260B	**Sample ID:**	TB062007B3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.6	
75	30 - 60% of m/z 95	50.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	1.3	
174	Greater than 50% of m/z 95	83.9	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.2	

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ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070621A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/21/2007 1:39:00 PM
Initial Calibration ID:	963	**File ID:**	C:\HPCHEM\1\DATA\J3317.D
Compound:	SW8260B	**Sample ID:**	TB062107A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.6	
75	30 - 60% of m/z 95	52.3	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.4	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	59.0	
175	5 - 9% of m/z 174	8.0	
176	Greater than 95% but less than 101% of m/z 174	96.5	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070625A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/25/2007 6:46:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3390.D
Compound:	SW8260B	**Sample ID:**	TB062507A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.3	
75	30 - 60% of m/z 95	49.0	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.5	
174	Greater than 50% of m/z 95	70.0	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	95.8	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070626B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/26/2007 7:46:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3399.D
Compound:	SW8260B	**Sample ID:**	TB062607A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.0	
75	30 - 60% of m/z 95	48.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	74.1	
175	5 - 9% of m/z 174	7.1	
176	Greater than 95% but less than 101% of m/z 174	95.5	
177	5 - 9% of m/z 176	6.9	

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ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070627A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/27/2007 5:59:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3415.D
Compound:	SW8260B	**Sample ID:**	TB062707A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.9	
75	30 - 60% of m/z 95	49.6	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	70.2	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070621A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/21/2007 6:45:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9024.D
Compound:	SW8260B	**Sample ID:**	TB062107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.2	
75	30 - 60% of m/z 95	54.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	85.9	
175	5 - 9% of m/z 174	7.6	
176	Greater than 95% but less than 101% of m/z 174	97.6	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070621C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/21/2007 12:35:00 PM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9033.D
Compound:	SW8260B	**Sample ID:**	TB062107A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	19.7	
75	30 - 60% of m/z 95	52.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	87.4	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.4	
177	5 - 9% of m/z 176	7.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070625B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/25/2007 8:33:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9137.D
Compound:	SW8260B	**Sample ID:**	TB062507A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.3	
75	30 - 60% of m/z 95	48.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.8	
174	Greater than 50% of m/z 95	96.3	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	99.5	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070703A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	7/3/2007 6:43:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3547.D
Compound:	SW8260B	**Sample ID:**	TB070307A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.0	
75	30 - 60% of m/z 95	51.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0.3	
174	Greater than 50% of m/z 95	62.9	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	95.7	
177	5 - 9% of m/z 176	6.6	

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Tuesday, July 03, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0706129

Dear Robert Meyers:

Life Science Laboratories, Inc. received 7 sample(s) on 6/21/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperature of the cooler was 2.2°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	8260B	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706129
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): 7-3-07

Supervisor/Reviewed by (Initials/Date): 7-3-07

QA/QC Review (Initials/Date): 7/3/07

File Name: G:\Narratives\MSVoa\0706129msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
All initial calibrations met method and/or project specific QC criteria.

The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-10095	MS 01	Tetrachloroethene	-22.1		1
		(m+p)-Xylene	-22.1		1
		o-Xylene	-21.1		1
CCV-10137	MS 01	Chlorobenzene	-23.4		2
		Tetrachloroethene	-27.7		1
		(m+p)-Xylene	-23.8		1
CCV-10163	MS 01	Several	X		1
		Chlorobenzene	-23.3		2

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706129
Methodology:	8260B

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The recovery exceeded the upper control limit and was detected above the PQL/RL in the associated samples. No corrective action was taken.

Preparation Blanks

All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Lab Order: 0706129
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706129-001A	AOC9-TB08	6/20/2007 2:40:00 PM	Water Q	Volatile Organic Compounds by GC/MS			6/21/2007
0706129-002A	AOC9-TW95-GW	6/20/2007 3:31:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/21/2007
0706129-003A	AOC9-TW96-GW	6/20/2007 4:33:00 PM		Volatile Organic Compounds by GC/MS			6/28/2007
				Volatile Organic Compounds by GC/MS			6/21/2007
0706129-004A	AOC9-TW97-GW	6/20/2007 5:07:00 PM		Volatile Organic Compounds by GC/MS			6/29/2007
				Volatile Organic Compounds by GC/MS			6/21/2007
0706129-005A	AOC9-TW51-GW	6/20/2007 5:52:00 PM		Volatile Organic Compounds by GC/MS			6/21/2007
0706129-006A	AOC9-TW48-GW	6/20/2007 6:38:00 PM		Volatile Organic Compounds by GC/MS			6/26/2007
0706129-007A	AOC9-TW89-GW	6/21/2007 7:47:00 AM		Volatile Organic Compounds by GC/MS			6/21/2007

Life Science Laboratories, Inc.

Date: *03-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706129

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706129-001A	AOC9-TB08		6/20/2007	6/21/2007
0706129-002A	AOC9-TW95-GW		6/20/2007	6/21/2007
0706129-003A	AOC9-TW96-GW		6/20/2007	6/21/2007
0706129-004A	AOC9-TW97-GW		6/20/2007	6/21/2007
0706129-005A	AOC9-TW51-GW		6/20/2007	6/21/2007
0706129-006A	AOC9-TW48-GW		6/20/2007	6/21/2007
0706129-007A	AOC9-TW89-GW		6/21/2007	6/21/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Method SW 8260	Comments: Estimated Concentration
AOC9-TB08	6/20/07	1440	W	GRAB	2	2	
AOC9-TW95-GW	↑	1531	GW	|	3	3	100 ppb
AOC9-TW96-GW	|	1633	|	|	3	3	1000 ppb
AOC9-TW97-GW	|	1707	|	|	3	3	1000 ppb
AOC9-TW51-GW	↓	1752	|	|	3	3	ND
AOC9-TW48-GW	6/20/07	1838	GW	GRAB	3	3	ND
AOC9-TW89-GW	6/21/07	0747	GW	GRAB	3	3	ND

Relinquished by:	Date: 6/21/07 Time: 1245	Received by:	Date: 6/21/07 Time: 1331
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/21/07 Time: 1430	Received by Lab:	Date: 6/22/07 Time: 1436
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine
Rush (Specify) 24 hr.

Comments:

Cooler Temperature: 2.2°C on ice
Custody Seals - INTACT

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: E & E

Date and Time Received: **6/21/2007 2:36:00 PM**

Work Order Number **0706129**

Received by: kms

Checklist completed by: KC (Initials) 6-21-07 (Date)

Reviewed by: MS (Initials) 6/21/07 (Date)

Matrix:

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E & E Griffiss 0706129

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706129-001→007	A		DB	6/21/07 14:00	8260	NR

G:\QAQC\forms\GeneralLaboratory\Sign out.xls

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R10031

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TB08	0706129-001A
AOC9-TW95-GW	0706129-002A
AOC9-TW96-GW	0706129-003A
AOC9-TW97-GW	0706129-004A
AOC9-TW51-GW	0706129-005A
AOC9-TW89-GW	0706129-007A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Sanducci Name: Anthony Crescenzi

Date: 7/3/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R10095

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW48-GW	0706129-006A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Crescenzi Name: Anthony Crescenzi

Date: 7/3/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW96-GW DL	0706129-003ADL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Crescenzi Name: Anthony Crescenzi

Date: 7/3/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R10163

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW97-GW DL	0706129-004ADL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Crescenzi Name: Anthony Crescenzi

Date: 7/3/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB08	**Lab Sample ID:**	0706129-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9041.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB08	**Lab Sample ID:**	0706129-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9041.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB08	**Lab Sample ID:**	0706129-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9041.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	72 - 119	
4-Bromofluorobenzene	97	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	612949	353482 - 1413926	
Chlorobenzene-d5	786613	383378 - 1533514	
Fluorobenzene	1857178	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW95-GW	**Lab Sample ID:**	0706129-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9045.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.110	1		F
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.170	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW95-GW	**Lab Sample ID:**	0706129-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9045.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.190	1		F
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.210	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW95-GW	**Lab Sample ID:**	0706129-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9045.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	106	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	602440	353482 - 1413926	
Chlorobenzene-d5	765602	383378 - 1533514	
Fluorobenzene	1766112	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW96-GW	**Lab Sample ID:**	0706129-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9046.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	5.50	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	53.4	1		J
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	4.11	1		
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	20.9	1		
1,3-Dichlorobenzene	0.0200	1.00	2.11	1		
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	32.9	1		
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	3.60	1		
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW96-GW	**Lab Sample ID:**	0706129-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9046.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	177	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.420	1		F
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	2.34	1		
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	3.44	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	1.61	1		
n-Propylbenzene	0.00900	1.00	4.12	1		
Naphthalene	0.0240	1.00	14.2	1		
o-Xylene	0.0140	1.00	8.80	1		
p-Isopropyltoluene	0.0140	1.00	3.31	1		
sec-Butylbenzene	0.0170	1.00	2.98	1		
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	1.41	1		
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	1.20	1		
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.350	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW96-GW	**Lab Sample ID:**	0706129-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9046.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	14.3	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	110	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	864131	353482 - 1413926	
Chlorobenzene-d5	893326	383378 - 1533514	
Fluorobenzene	1842306	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10137
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW96-GW DL	**Lab Sample ID:**	0706129-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9241.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	28-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.560	40.0	8.40	20		FQ
1,1,1,2-Tetrachloroethane	1.08	10.0	1.08	20		U
1,1,1-Trichloroethane	0.300	20.0	0.300	20		U
1,1,2,2-Tetrachloroethane	1.62	10.0	1.62	20		U
1,1,2-Trichloroethane	0.560	20.0	0.560	20		U
1,1-Dichloroethane	0.660	20.0	0.660	20		U
1,1-Dichloroethene	0.920	20.0	0.920	20		U
1,1-Dichloropropene	0.480	20.0	0.480	20		U
1,2,3-Trichlorobenzene	0.720	20.0	0.720	20		U
1,2,3-Trichloropropane	0.920	20.0	0.920	20		U
1,2,4-Trichlorobenzene	0.500	20.0	0.500	20		U
1,2,4-Trimethylbenzene	0.240	20.0	76.8	20		
1,2-Dibromo-3-chloropropane	5.22	40.0	5.22	20		U
1,2-Dibromoethane	0.700	20.0	0.700	20		U
1,2-Dichlorobenzene	0.380	20.0	5.00	20		F
1,2-Dichloroethane	0.480	10.0	0.480	20		U
1,2-Dichloropropane	0.520	20.0	0.520	20		U
1,3,5-Trimethylbenzene	0.260	20.0	25.6	20		
1,3-Dichlorobenzene	0.400	20.0	2.20	20		F
1,3-Dichloropropane	0.460	10.0	0.460	20		U
1,4-Dichlorobenzene	0.340	10.0	37.2	20		
1-Chlorohexane	0.940	20.0	0.940	20		U
2,2-Dichloropropane	1.64	20.0	1.64	20		U
2-Butanone	13.0	200	13.0	20		U
2-Chlorotoluene	0.240	20.0	0.240	20		U
4-Chlorotoluene	0.340	20.0	0.340	20		U
4-Methyl-2-pentanone	7.50	200	7.50	20		U
Acetone	16.5	200	16.5	20		U
Benzene	0.200	10.0	3.80	20		F
Bromobenzene	0.560	20.0	0.560	20		U
Bromochloromethane	1.18	20.0	1.18	20		U
Bromodichloromethane	0.620	10.0	0.620	20		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10137
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW96-GW DL	**Lab Sample ID:**	0706129-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9241.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	28-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.940	20.0	0.940	20		U
Bromomethane	1.18	60.0	1.18	20		U
Carbon tetrachloride	0.640	20.0	0.640	20		U
Chlorobenzene	0.220	10.0	592	20		Q
Chloroethane	2.32	20.0	2.32	20		U
Chloroform	0.580	10.0	0.580	20		U
Chloromethane	2.52	20.0	2.52	20		U
cis-1,2-Dichloroethene	0.640	20.0	0.640	20		U
cis-1,3-Dichloropropene	0.420	10.0	0.420	20		U
Dibromochloromethane	0.820	10.0	0.820	20		U
Dibromomethane	0.760	20.0	0.760	20		U
Dichlorodifluoromethane	1.34	20.0	1.34	20		U
Ethylbenzene	0.480	20.0	3.20	20		F
Hexachlorobutadiene	1.22	12.0	1.22	20		U
Isopropylbenzene	0.420	20.0	4.20	20		F
Methyl tert-butyl ether	0.500	100	0.500	20		U
Methylene chloride	0.680	20.0	0.680	20		U
n-Butylbenzene	0.260	20.0	0.260	20		U
n-Propylbenzene	0.180	20.0	4.80	20		F
Naphthalene	0.480	20.0	37.8	20		
o-Xylene	0.280	20.0	10.8	20		F
p-Isopropyltoluene	0.280	20.0	3.60	20		F
sec-Butylbenzene	0.340	20.0	3.40	20		F
Styrene	0.400	20.0	0.400	20		U
tert-Butylbenzene	0.320	20.0	0.320	20		U
Tetrachloroethene	0.600	20.0	0.600	20		U
Toluene	0.360	20.0	0.360	20		U
trans-1,2-Dichloroethene	0.540	20.0	0.540	20		U
trans-1,3-Dichloropropene	0.580	20.0	0.580	20		U
Trichloroethene	0.540	20.0	0.540	20		U
Trichlorofluoromethane	0.400	20.0	0.400	20		U
Vinyl chloride	0.760	20.0	0.760	20		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10137
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW96-GW DL	**Lab Sample ID:**	0706129-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9241.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	28-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.840	40.0	19.2	20		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	80	72 - 119	
4-Bromofluorobenzene	100	76 - 119	
Dibromofluoromethane	96	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	811321	353482 - 1413926	
Chlorobenzene-d5	826817	383378 - 1533514	
Fluorobenzene	2062881	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW97-GW	**Lab Sample ID:**	0706129-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9047.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	113	1		J
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.130	1		F
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	106	1		J
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	93.7	1		J
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	70.3	1		J
1,3-Dichlorobenzene	0.0200	1.00	7.29	1		
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	71.7	1		J
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	7.14	1		
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW97-GW	**Lab Sample ID:**	0706129-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9047.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	8.74	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	24.8	1		
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	20.0	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	5.47	1		
n-Propylbenzene	0.00900	1.00	18.2	1		
Naphthalene	0.0240	1.00	48.8	1		J
o-Xylene	0.0140	1.00	4.08	1		
p-Isopropyltoluene	0.0140	1.00	11.5	1		
sec-Butylbenzene	0.0170	1.00	8.08	1		
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	3.82	1		
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	1.45	1		
trans-1,2-Dichloroethene	0.0270	1.00	0.510	1		F
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	4.17	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	1.34	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW97-GW	**Lab Sample ID:**	0706129-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9047.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	117	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	72 - 119	
4-Bromofluorobenzene	83	76 - 119	
Dibromofluoromethane	94	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1078952	353482 - 1413926	
Chlorobenzene-d5	1178224	383378 - 1533514	
Fluorobenzene	2267662	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10163
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW97-GW DL	**Lab Sample ID:**	0706129-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9274.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	29-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	2.80	200	144	100		FQ
1,1,1,2-Tetrachloroethane	5.40	50.0	5.40	100		U
1,1,1-Trichloroethane	1.50	100	1.50	100		U
1,1,2,2-Tetrachloroethane	8.10	50.0	8.10	100		U
1,1,2-Trichloroethane	2.80	100	2.80	100		U
1,1-Dichloroethane	3.30	100	3.30	100		U
1,1-Dichloroethene	4.60	100	4.60	100		U
1,1-Dichloropropene	2.40	100	2.40	100		U
1,2,3-Trichlorobenzene	3.60	100	3.60	100		U
1,2,3-Trichloropropane	4.60	100	4.60	100		U
1,2,4-Trichlorobenzene	2.50	100	2.50	100		U
1,2,4-Trimethylbenzene	1.20	100	314	100		
1,2-Dibromo-3-chloropropane	26.1	200	26.1	100		U
1,2-Dibromoethane	3.50	100	3.50	100		U
1,2-Dichlorobenzene	1.90	100	169	100		
1,2-Dichloroethane	2.40	50.0	2.40	100		U
1,2-Dichloropropane	2.60	100	2.60	100		U
1,3,5-Trimethylbenzene	1.30	100	111	100		
1,3-Dichlorobenzene	2.00	100	2.00	100		U
1,3-Dichloropropane	2.30	50.0	2.30	100		U
1,4-Dichlorobenzene	1.70	50.0	92.0	100		
1-Chlorohexane	4.70	100	4.70	100		U
2,2-Dichloropropane	8.20	100	8.20	100		U
2-Butanone	64.9	1000	64.9	100		U
2-Chlorotoluene	1.20	100	1.20	100		U
4-Chlorotoluene	1.70	100	1.70	100		U
4-Methyl-2-pentanone	37.5	1000	37.5	100		U
Acetone	82.3	1000	82.3	100		U
Benzene	1.00	50.0	1.00	100		U
Bromobenzene	2.80	100	2.80	100		U
Bromochloromethane	5.90	100	5.90	100		U
Bromodichloromethane	3.10	50.0	3.10	100		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10163
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW97-GW DL	**Lab Sample ID:**	0706129-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9274.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	29-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	4.70	100	4.70	100		U
Bromomethane	5.90	300	5.90	100		U
Carbon tetrachloride	3.20	100	3.20	100		U
Chlorobenzene	1.10	50.0	2760	100		Q
Chloroethane	11.6	100	11.6	100		U
Chloroform	2.90	50.0	2.90	100		U
Chloromethane	12.6	100	12.6	100		U
cis-1,2-Dichloroethene	3.20	100	11.0	100		F
cis-1,3-Dichloropropene	2.10	50.0	2.10	100		U
Dibromochloromethane	4.10	50.0	4.10	100		U
Dibromomethane	3.80	100	3.80	100		U
Dichlorodifluoromethane	6.70	100	6.70	100		U
Ethylbenzene	2.40	100	28.0	100		F
Hexachlorobutadiene	6.10	60.0	6.10	100		U
Isopropylbenzene	2.10	100	23.0	100		F
Methyl tert-butyl ether	2.50	500	2.50	100		U
Methylene chloride	3.40	100	3.40	100		U
n-Butylbenzene	1.30	100	1.30	100		U
n-Propylbenzene	0.900	100	17.0	100		F
Naphthalene	2.40	100	59.0	100		F
o-Xylene	1.40	100	1.40	100		U
p-Isopropyltoluene	1.40	100	11.0	100		F
sec-Butylbenzene	1.70	100	1.70	100		U
Styrene	2.00	100	2.00	100		U
tert-Butylbenzene	1.60	100	1.60	100		U
Tetrachloroethene	3.00	100	3.00	100		U
Toluene	1.80	100	1.80	100		U
trans-1,2-Dichloroethene	2.70	100	2.70	100		U
trans-1,3-Dichloropropene	2.90	100	2.90	100		U
Trichloroethene	2.70	100	2.70	100		U
Trichlorofluoromethane	2.00	100	2.00	100		U
Vinyl chloride	3.80	100	3.80	100		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10163
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW97-GW DL	**Lab Sample ID:**	0706129-004ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9274.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	29-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	4.20	200	144	100		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	109	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	711361	353482 - 1413926	
Chlorobenzene-d5	795539	383378 - 1533514	
Fluorobenzene	1912919	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW51-GW	**Lab Sample ID:**	0706129-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9042.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW51-GW	**Lab Sample ID:**	0706129-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9042.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	3.09	1		
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	1.07	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW51-GW	**Lab Sample ID:**	0706129-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9042.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	617425	353482 - 1413926	
Chlorobenzene-d5	790136	383378 - 1533514	
Fluorobenzene	1868747	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW48-GW	**Lab Sample ID:**	0706129-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9195.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW48-GW	**Lab Sample ID:**	0706129-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9195.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):		ug/L		**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.660	1		FQ
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.260	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW48-GW	**Lab Sample ID:**	0706129-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9195.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	86	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	634244	353482 - 1413926	
Chlorobenzene-d5	754533	383378 - 1533514	
Fluorobenzene	1877974	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW89-GW	**Lab Sample ID:**	0706129-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9044.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW89-GW	**Lab Sample ID:**	0706129-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9044.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW89-GW	**Lab Sample ID:**	0706129-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9044.D
Date Received:	21-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	112	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	638121	353482 - 1413926	
Chlorobenzene-d5	785964	383378 - 1533514	
Fluorobenzene	1788870	866434 - 3465734	

Comments:

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#1

Date of Initial Calibration: 21-JUN-07

Initial Calibration ID: 986

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

#986

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.369	0.361	0.343	0.414	0.402	0.404	0.382	6.81
3)	P	Chloromethane	0.269	0.233	0.229	0.267	0.266	0.272	0.257	7.06
4)	CP	Vinyl chloride	0.192	0.209	0.193	0.229	0.236	0.241	0.220	9.78
5)		Bromomethane	0.181	0.189	0.157	0.186	0.194	0.203	0.187	8.08
6)		Chloroethane	0.114	0.104	0.120	0.137	0.138	0.145	0.128	12.04
7)		Trichlorofluorometh	0.546	0.529	0.539	0.652	0.620	0.608	0.581	8.05
8)		Acetone		0.048	0.038	0.044	0.042	0.041	0.042	8.09
9)		Acrolein	0.001	0.001	0.001	0.001	0.002	0.002	0.002	45.34
10)	CPM	1,1-Dichloroethene	0.183	0.158	0.153	0.192	0.195	0.192	0.181	9.69
11)		Methyl iodide	0.214	0.227	0.237	0.328	0.348	0.356	0.294	21.98
12)		1,1,2-Trichloro-1,2	0.222	0.243	0.212	0.279	0.274	0.270	0.252	10.56
13)		Methyl acetate	0.124	0.120	0.097	0.098	0.097	0.096	0.104	11.70
14)		Acrylonitrile	0.039	0.040	0.039	0.043	0.041	0.041	0.041	3.41
15)		Methylene chloride	0.511	0.353	0.250	0.226	0.225	0.220	0.286	38.61
16)		Carbon disulfide	0.592	0.562	0.559	0.693	0.667	0.673	0.629	8.96
17)		trans-1,2-Dichloroe	0.227	0.211	0.206	0.246	0.243	0.242	0.230	7.04
18)		Methyl tert-Butyl e	0.590	0.544	0.529	0.585	0.596	0.572	0.568	4.45
19)	P	1,1-Dichloroethane	0.380	0.377	0.334	0.389	0.378	0.369	0.370	4.86
20)		Vinyl acetate	0.279	0.225	0.248	0.286	0.278	0.285	0.269	8.83
21)		2-Butanone	0.062	0.046	0.050	0.054	0.055	0.056	0.054	9.34
22)		cis-1,2-Dichloroeth	0.247	0.241	0.230	0.272	0.268	0.266	0.255	6.08
23)		Bromochloromethane	0.146	0.146	0.138	0.148	0.146	0.143	0.144	2.20
24)	CP	Chloroform	0.790	0.796	0.481	0.520	0.518	0.497	0.583	24.83
25)		2,2-Dichloropropane	0.417	0.415	0.398	0.489	0.496	0.485	0.452	9.05
26)		Cyclohexane	0.244	0.258	0.251	0.352	0.357	0.355	0.310	17.82
27)	S	Dibromofluoromethan	0.260	0.244	0.237	0.276	0.270	0.265	0.258	5.41
28)	S	1,2-Dichloroethane-	0.329	0.345	0.311	0.327	0.321	0.304	0.318	5.90
29)		1,2-Dichloroethane	0.408	0.375	0.374	0.398	0.389	0.363	0.379	5.61
30)		1,1,1-Trichloroetha	0.509	0.480	0.478	0.603	0.604	0.580	0.543	10.11
31)		1,1-Dichloropropene	0.272	0.267	0.253	0.328	0.342	0.338	0.305	12.76
32)		Carbon tetrachlorid	0.442	0.404	0.398	0.504	0.522	0.506	0.466	10.97
33)	M	Benzene	0.816	0.777	0.755	0.897	0.915	0.907	0.850	7.80
34)	M	Trichloroethene	0.285	0.292	0.256	0.305	0.312	0.312	0.295	6.78
35)		Dibromomethane	0.158	0.149	0.131	0.151	0.145	0.140	0.144	6.34
36)		Methylcyclohexane	0.262	0.286	0.295	0.396	0.406	0.419	0.355	19.88
37)	CP	1,2-Dichloropropane	0.183	0.164	0.160	0.185	0.190	0.188	0.180	7.01
38)		Bromodichloromethan	0.389	0.401	0.314	0.378	0.384	0.369	0.371	7.60
39)		2-Chloroethylvinyl	0.070	0.065	0.068	0.081	0.079	0.082	0.076	10.11
40)		4-Methyl-2-pentanon	0.119	0.117	0.119	0.139	0.141	0.144	0.131	9.58
41)		cis-1,3-Dichloropro	0.327	0.306	0.305	0.355	0.374	0.370	0.344	8.81
42)	S	Toluene-d8	0.901	0.836	0.869	1.037	1.058	1.048	0.965	9.70
43)	CPM	Toluene	0.639	0.625	0.612	0.745	0.762	0.755	0.696	9.67

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Baldin
6/12/07

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.297	0.270	0.279	0.358	0.368	0.362	0.327	13.28
45)		1,1,2-Trichloroetha	0.126	0.131	0.125	0.147	0.151	0.148	0.139	8.00
46)		2-Hexanone			0.075	0.092	0.099	0.103	0.094	12.10
47)	I	Chlorobenzene-d5	ISTD							
48)		1,2-Dibromoethane	0.426	0.447	0.431	0.485	0.504	0.512	0.474	8.07
49)		1,3-Dichloropropane	0.680	0.618	0.634	0.711	0.714	0.711	0.684	6.12
50)		Dibromochloromethan	0.658	0.558	0.543	0.644	0.693	0.710	0.645	10.76
51)		Tetrachloroethene	0.716	0.779	0.721	0.876	0.886	0.915	0.828	10.46
52)		1-Chlorohexane	0.654	0.560	0.643	0.808	0.843	0.875	0.752	17.30
53)		1,1,1,2-Tetrachloro	0.607	0.611	0.611	0.715	0.746	0.761	0.687	10.78
54)	PM	Chlorobenzene	1.949	1.840	1.861	2.103	2.114	2.137	2.009	6.20
55)	CP	Ethylbenzene	3.185	3.106	2.931	3.479	3.446	3.464	3.262	6.43
56)		(m+p)-Xylene	1.074	1.081	1.055	1.266	1.291	1.367	1.206	10.90
57)		o-Xylene	1.132	1.075	1.042	1.260	1.293	1.368	1.213	10.62
58)		Styrene	1.517	1.435	1.564	2.094	2.184	2.300	1.899	19.76
59)	P	Bromoform	0.291	0.258	0.291	0.369	0.404	0.423	0.353	20.43
60)	S	Bromofluorobenzene	1.091	0.854	0.799	0.948	0.973	1.004	0.946	10.14
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.083	0.048	0.080	0.101	0.115	0.113	0.094	27.09
63)	P	1,1,2,2-Tetrachloro	0.596	0.548	0.519	0.546	0.540	0.490	0.535	6.37
64)		Isopropylbenzene	3.708	3.748	3.628	3.981	3.881	3.564	3.690	5.90
65)		1,2,3-Trichloroprop	0.498	0.493	0.487	0.504	0.502	0.471	0.490	2.56
66)		Bromobenzene	1.005	1.014	0.992	1.066	1.049	1.001	1.019	2.66
67)		n-Propylbenzene	3.063	3.352	3.243	3.744	3.692	3.486	3.403	7.38
68)		2-Chlorotoluene	2.488	2.684	2.527	2.768	2.729	2.598	2.613	4.38
69)		4-Chlorotoluene	1.971	2.168	2.009	2.282	2.278	2.186	2.145	5.66
70)		1,3,5-Trimethylbenz	2.291	2.375	2.282	2.651	2.616	2.546	2.455	6.15
71)		tert-Butylbenzene	2.651	2.643	2.373	2.770	2.734	2.615	2.609	5.34
72)		1,2,4-Trimethylbenz	1.960	2.090	2.018	2.371	2.358	2.274	2.175	7.51
73)		sec-Butylbenzene	2.918	3.076	3.043	3.605	3.541	3.298	3.216	8.38
74)		1,3-Dichlorobenzene	1.474	1.624	1.549	1.765	1.761	1.705	1.649	6.59
75)		p-Isopropyltoluene	2.393	2.470	2.439	2.996	2.975	2.840	2.678	9.64
76)		1,4-Dichlorobenzene	1.668	1.538	1.460	1.646	1.664	1.629	1.599	4.80
77)		n-Butylbenzene	1.313	1.322	1.502	1.991	1.997	1.953	1.705	18.46
78)		1,2-Dichlorobenzene	1.415	1.527	1.445	1.678	1.667	1.610	1.558	6.59
79)		1,2-Dibromo-3-chlor		0.095	0.093	0.108	0.113	0.114	0.106	9.06
80)		1,2,4-Trichlorobenz	0.207	0.321	0.539	0.767	0.828	0.834	0.619	42.92
81)		Hexachlorobutadiene	0.400	0.397	0.466	0.596	0.619	0.620	0.532	20.07
82)		Naphthalene	0.408	0.352	0.800	1.344	1.448	1.391	1.015	47.78
83)		1,2,3-Trichlorobenz	0.165	0.303	0.553	0.780	0.817	0.807	0.605	45.07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.377		
3)	P	Chloromethane	0.262		
4)	CP	Vinyl chloride	0.239		
5)		Bromomethane	0.197		
6)		Chloroethane	0.140		
7)		Trichlorofluorometh	0.570		
8)		Acetone	0.041		
9)		Acrolein	0.003		
10)	CPM	1,1-Dichloroethene	0.191		
11)		Methyl iodide	0.350		
12)		1,1,2-Trichloro-1,2	0.265		
13)		Methyl acetate	0.097		
14)		Acrylonitrile	0.041		
15)		Methylene chloride	0.215		
16)		Carbon disulfide	0.658		
17)		trans-1,2-Dichloroe	0.237		
18)		Methyl tert-Butyl e	0.558		
19)	P	1,1-Dichloroethane	0.361		
20)		Vinyl acetate	0.286		
21)		2-Butanone	0.055		
22)		cis-1,2-Dichloroeth	0.260		
23)		Bromochloromethane	0.145		
24)	CP	Chloroform	0.476		
25)		2,2-Dichloropropane	0.464		
26)		Cyclohexane	0.351		
27)	S	Dibromofluoromethan	0.258		
28)	S	1,2-Dichloroethane-	0.288		
29)		1,2-Dichloroethane	0.346		
30)		1,1,1-Trichloroetha	0.551		
31)		1,1-Dichloropropene	0.334		
32)		Carbon tetrachlorid	0.486		
33)	M	Benzene	0.883		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.137		
36)		Methylcyclohexane	0.422		
37)	CP	1,2-Dichloropropane	0.189		
38)		Bromodichloromethan	0.359		
39)		2-Chloroethylvinyl	0.084		
40)		4-Methyl-2-pentanon	0.141		
41)		cis-1,3-Dichloropro	0.368		
42)	S	Toluene-d8	1.009		
43)	CPM	Toluene	0.734		

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Batten 6/21/07

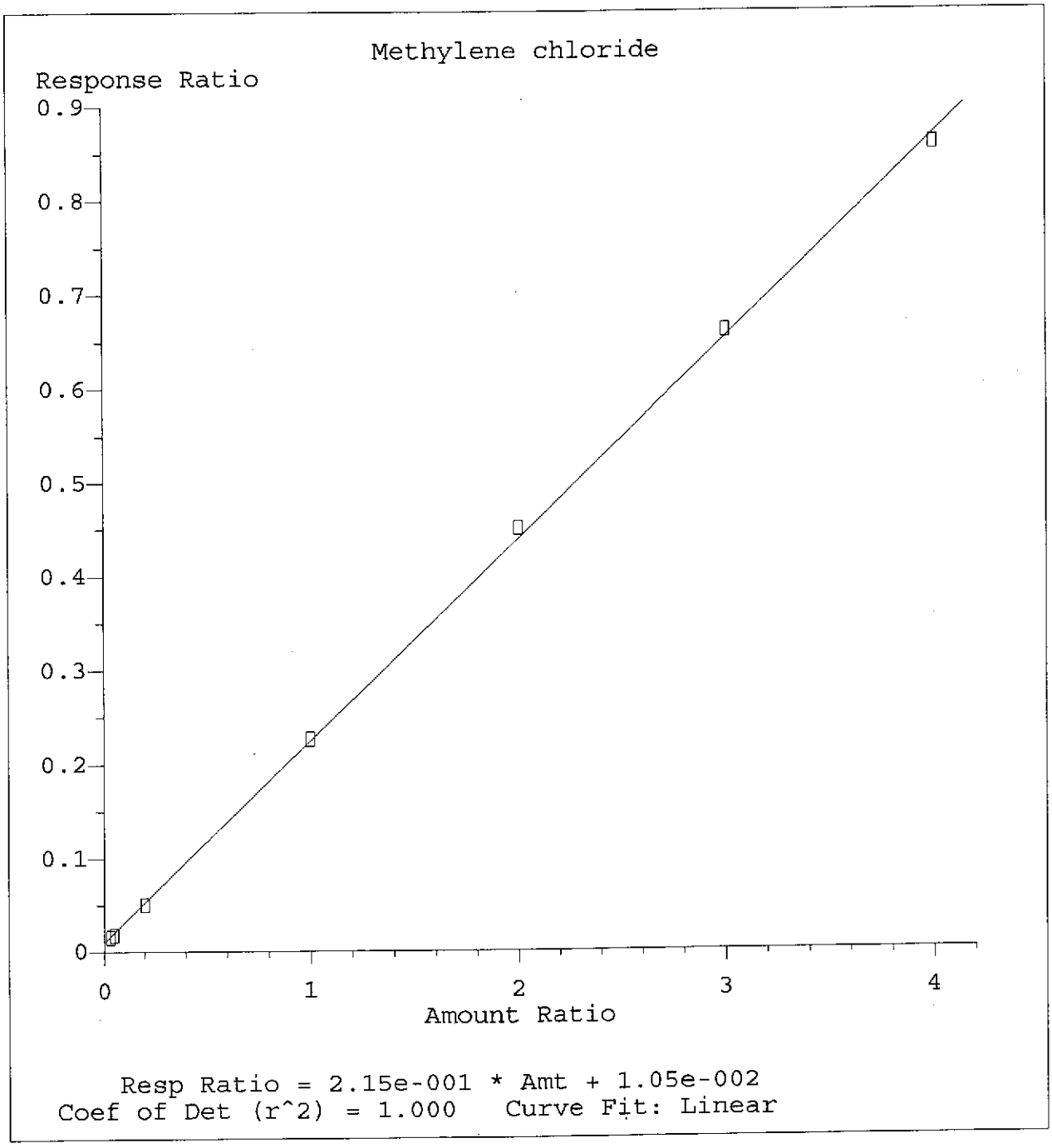
Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

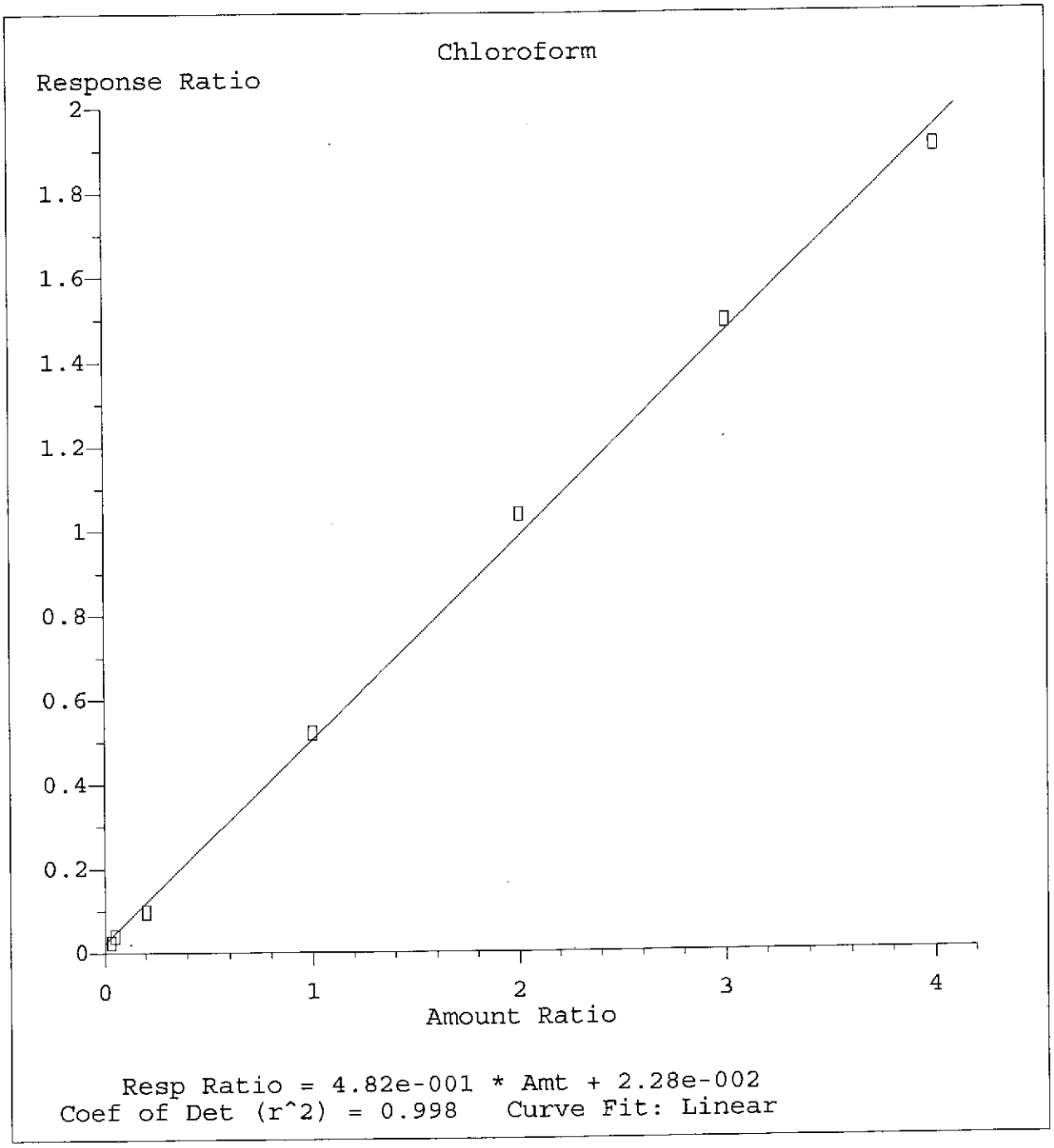
Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.357		
45)		1,1,2-Trichloroetha	0.145		
46)		2-Hexanone	0.102		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.511		
49)		1,3-Dichloropropane	0.719		
50)		Dibromochloromethan	0.710		
51)		Tetrachloroethene	0.901		
52)		1-Chlorohexane	0.882		
53)		1,1,1,2-Tetrachloro	0.760		
54)	PM	Chlorobenzene	2.060		
55)	CP	Ethylbenzene	3.221		
56)		(m+p)-Xylene	1.309		
57)		o-Xylene	1.322		
58)		Styrene	2.199		
59)	P	Bromoform	0.435		
60)	S	Bromofluorobenzene	0.956		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.118		
63)	P	1,1,2,2-Tetrachloro	0.509		
64)		Isopropylbenzene	3.317		
65)		1,2,3-Trichloroprop	0.476		
66)		Bromobenzene	1.009		
67)		n-Propylbenzene	3.239		
68)		2-Chlorotoluene	2.500		
69)		4-Chlorotoluene	2.118		
70)		1,3,5-Trimethylbenz	2.425		
71)		tert-Butylbenzene	2.480		
72)		1,2,4-Trimethylbenz	2.154		
73)		sec-Butylbenzene	3.033		
74)		1,3-Dichlorobenzene	1.666		
75)		p-Isopropyltoluene	2.632		
76)		1,4-Dichlorobenzene	1.586		
77)		n-Butylbenzene	1.861		
78)		1,2-Dichlorobenzene	1.565		
79)		1,2-Dibromo-3-chlor	0.114		
80)		1,2,4-Trichlorobenz	0.834		
81)		Hexachlorobutadiene	0.628		
82)		Naphthalene	1.362		
83)		1,2,3-Trichlorobenz	0.809		

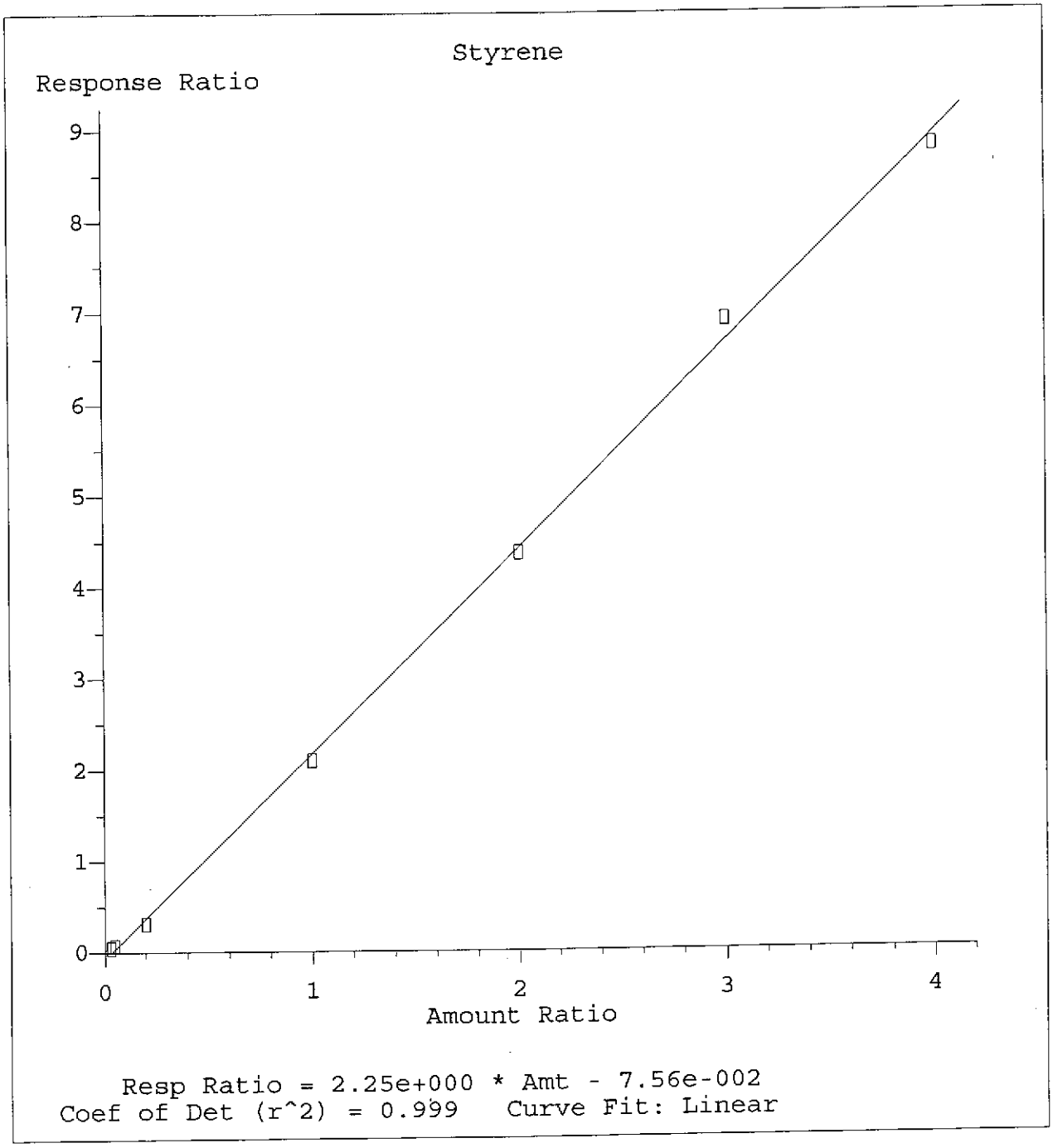
(#) = Out of Range ### Number of calibration levels exceeded format ###



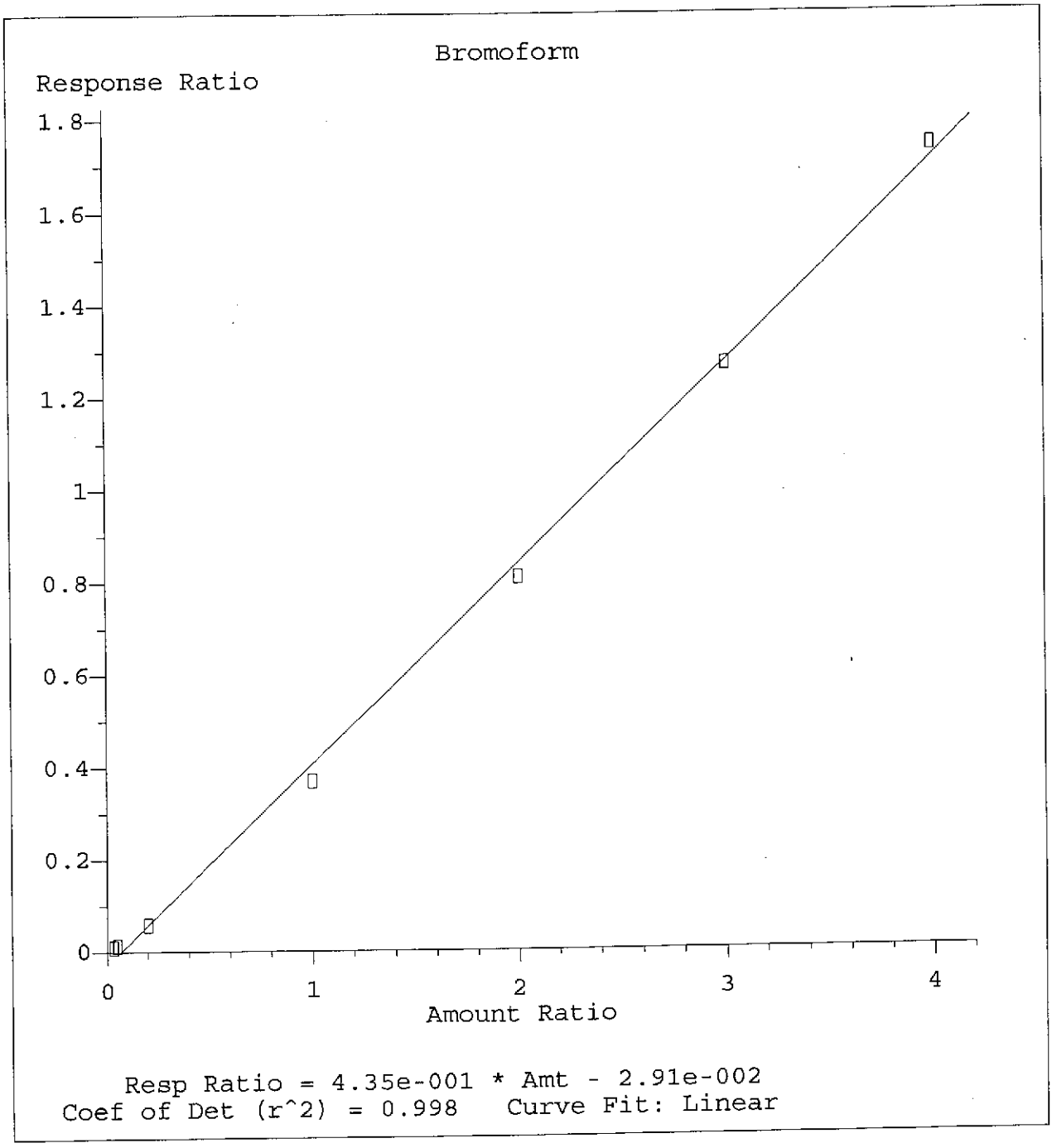
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:00:23 2007



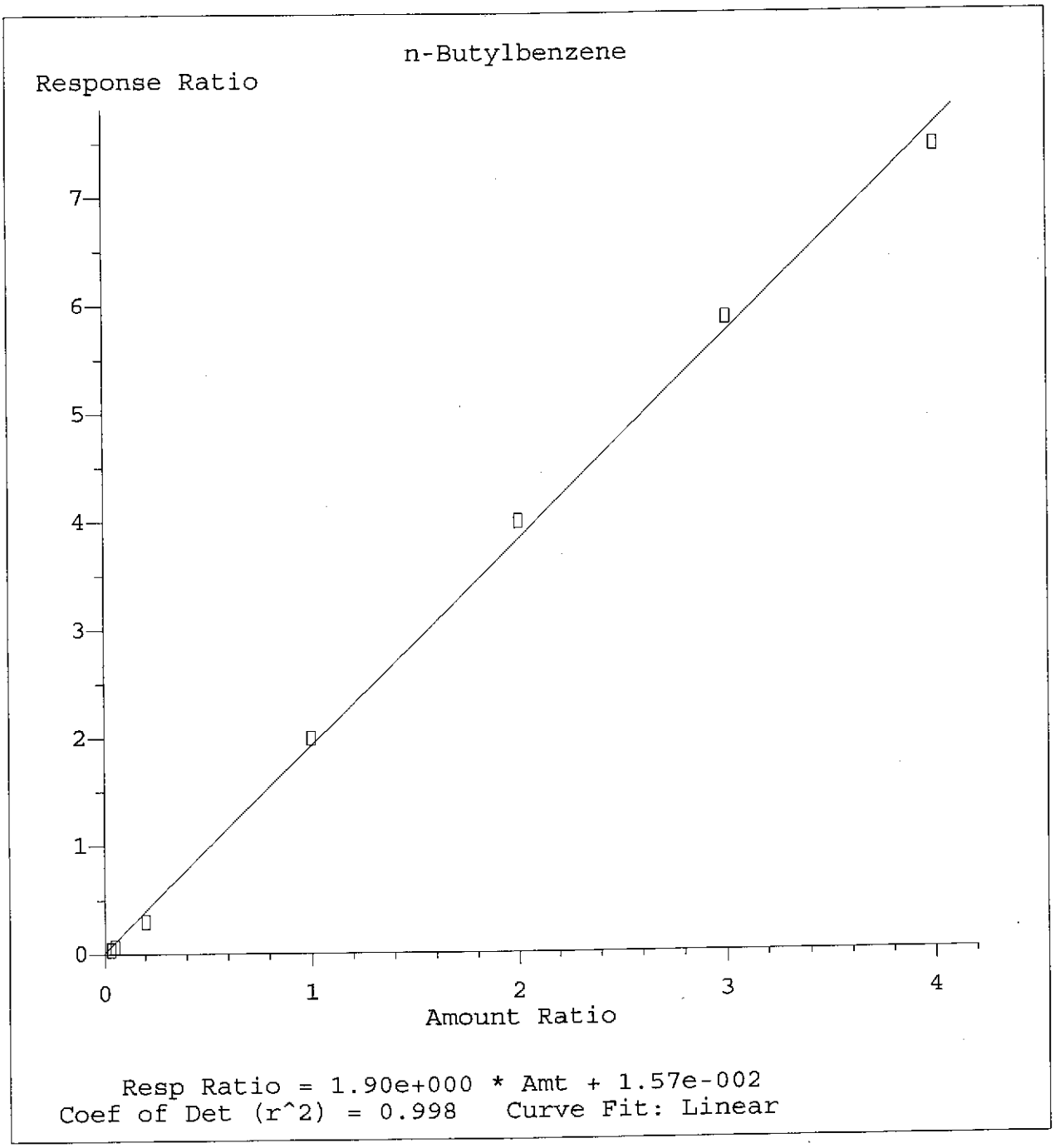
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:01:15 2007



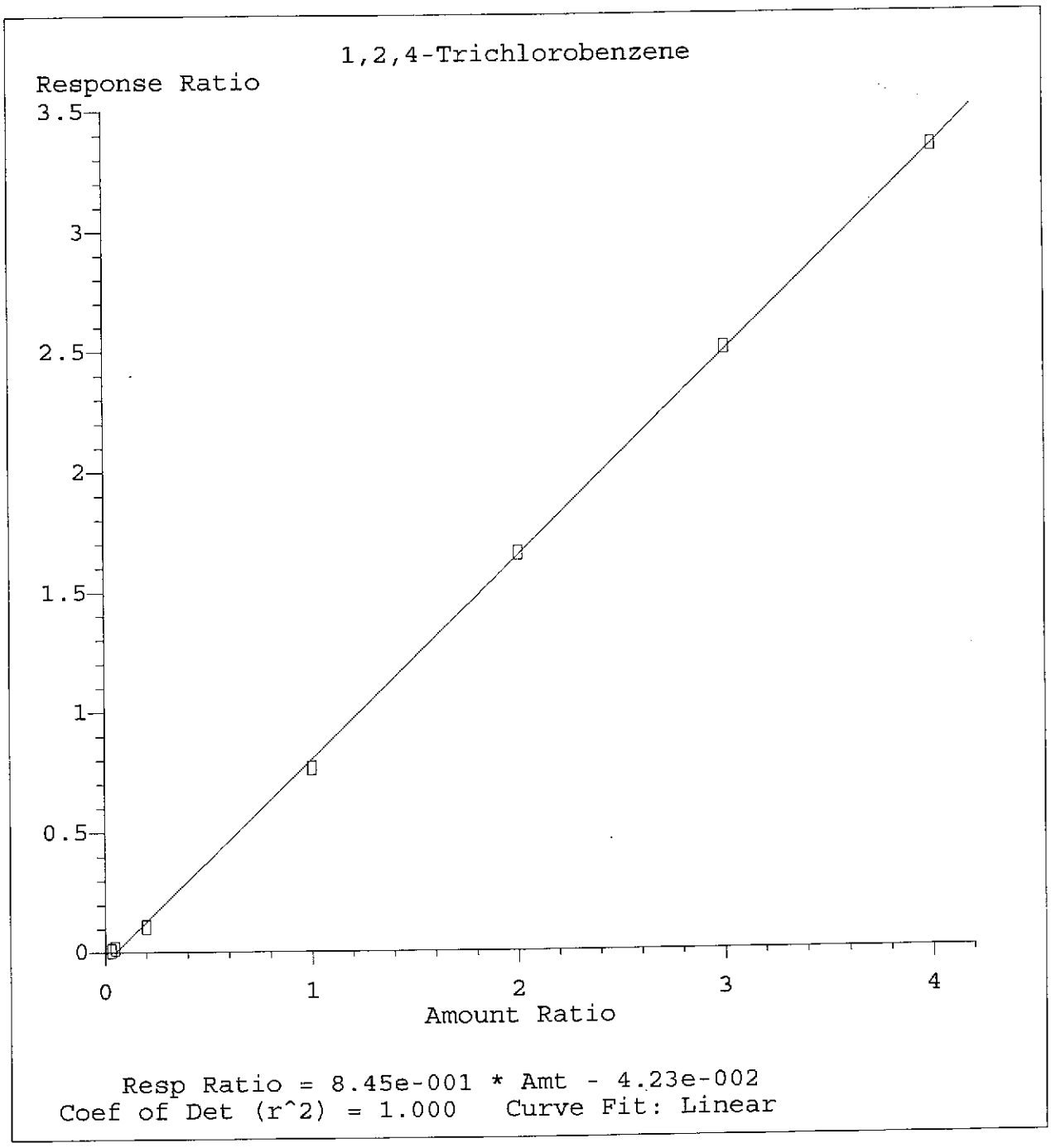
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:01 2007



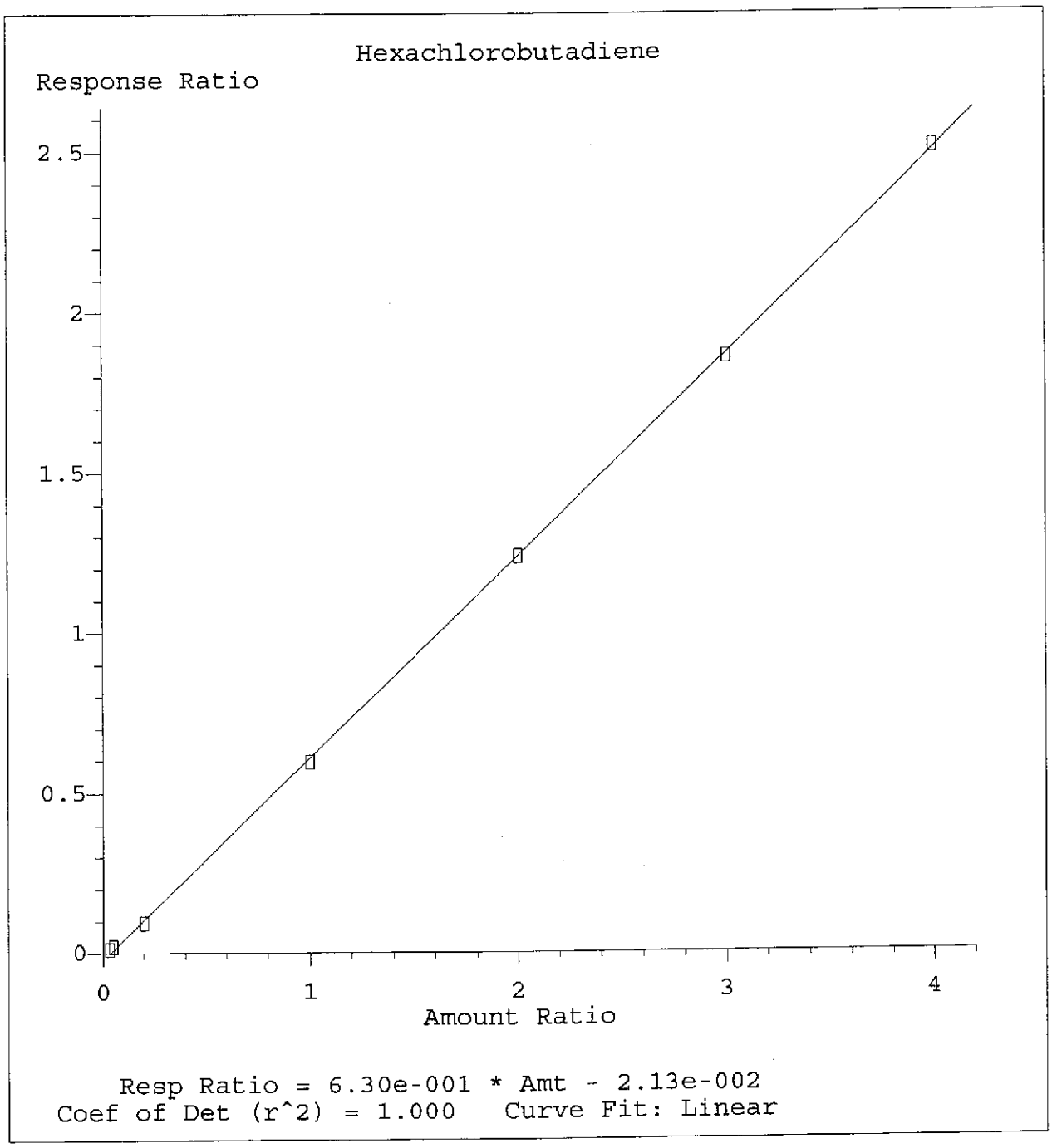
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:40 2007



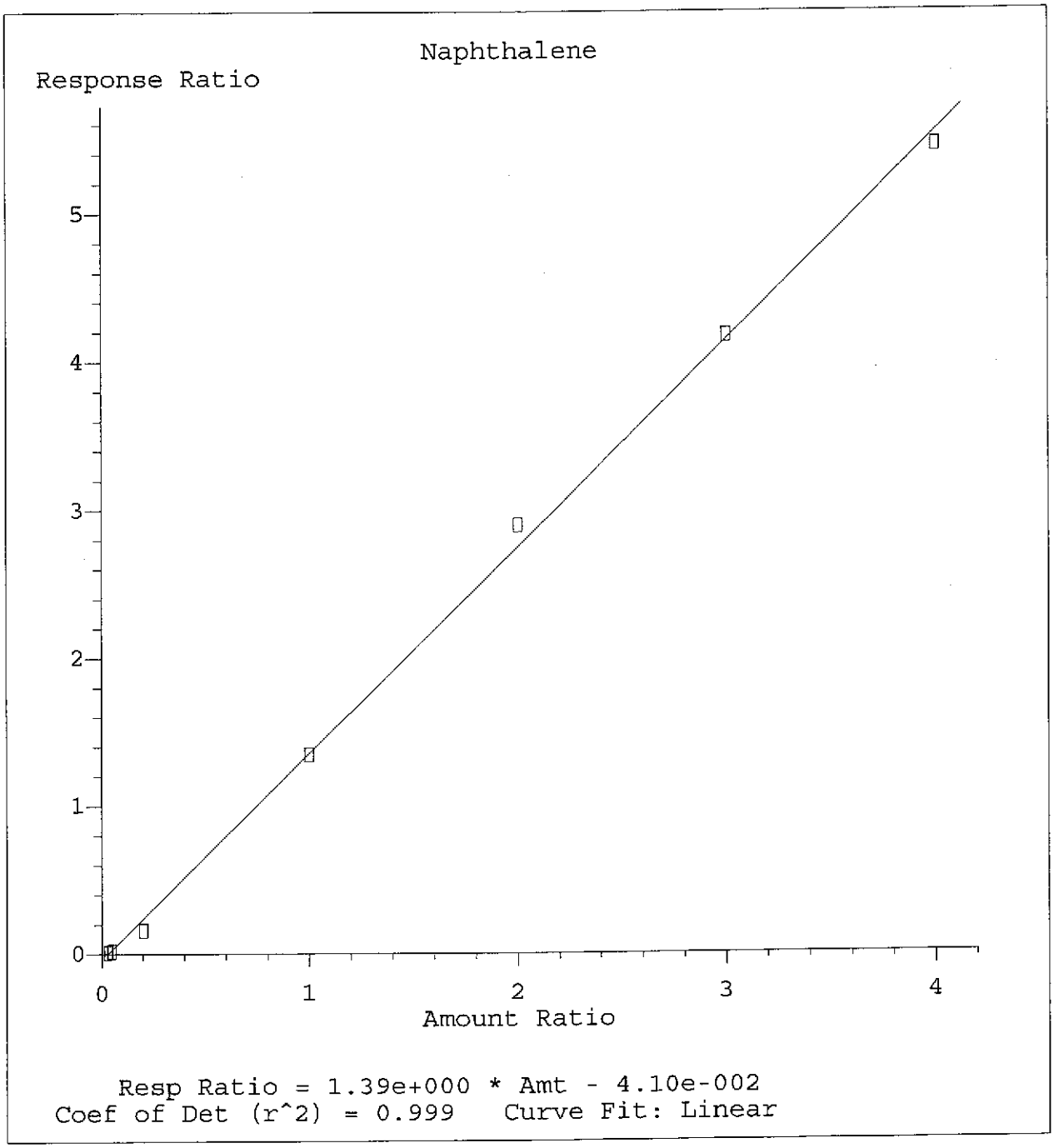
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:08:24 2007



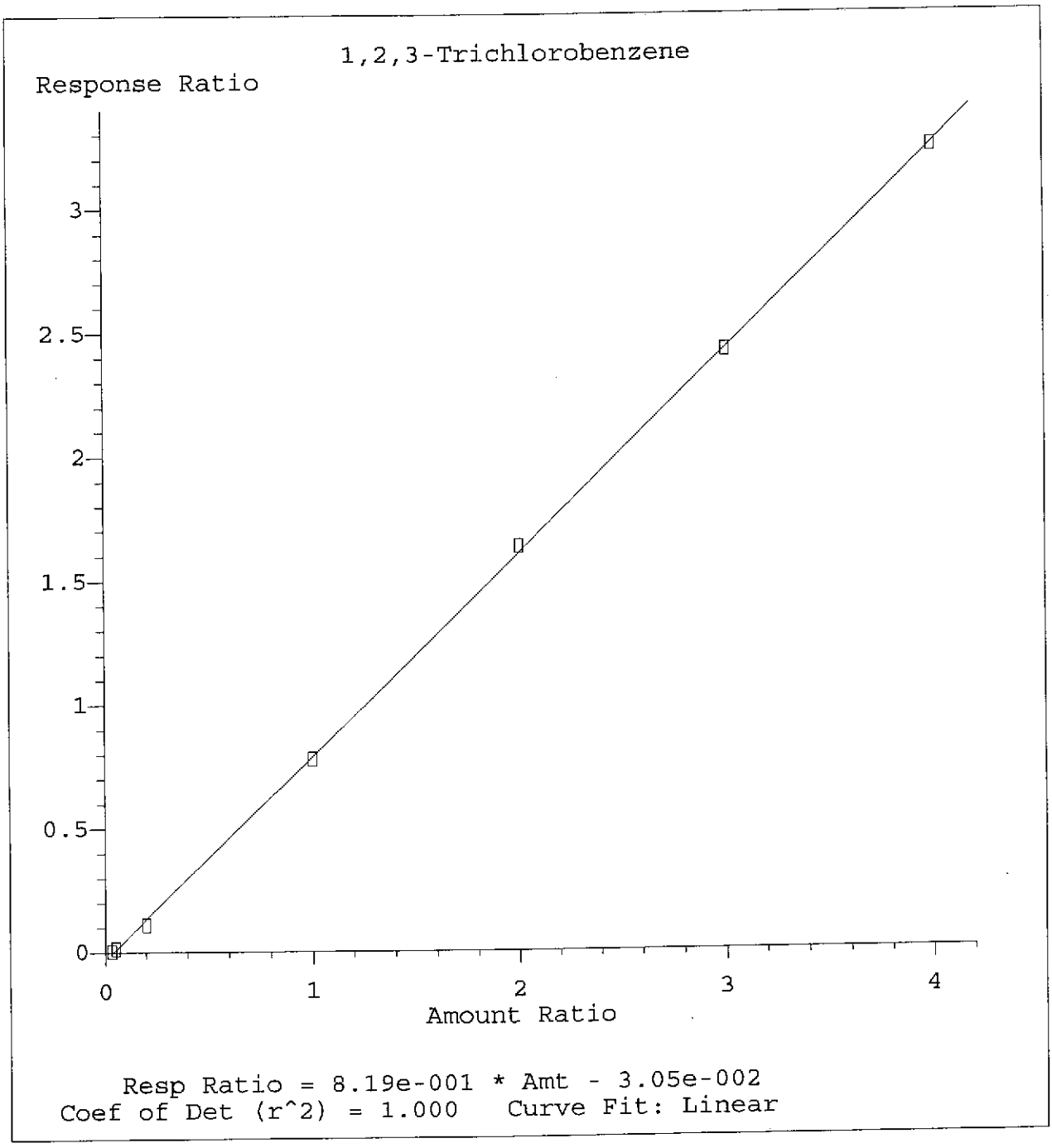
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:03 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:32 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:47 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:11:06 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	21.8	-9.3	
1,1,1,2-Tetrachloroethane	10	10.3	-2.8	
1,1,1-Trichloroethane	10	10.4	-3.6	
1,1,2,2-Tetrachloroethane	10	9.95	0.5	
1,1,2-Trichloroethane	10	10.2	-1.8	
1,1-Dichloroethane	10	10	-0.4	
1,1-Dichloroethene	10	11	-9.6	
1,1-Dichloropropene	10	10.6	-5.6	
1,2,3-Trichlorobenzene	10	9.5	5.0	
1,2,3-Trichloropropane	10	9.89	1.1	
1,2,4-Trichlorobenzene	10	9.48	5.2	
1,2,4-Trimethylbenzene	10	10.6	-5.7	
1,2-Dibromo-3-chloropropane	10	9.8	2.0	
1,2-Dibromoethane	10	10.4	-3.9	
1,2-Dichlorobenzene	10	10.3	-3.4	
1,2-Dichloroethane	10	9.56	4.4	
1,2-Dichloroethane-d4	10	9.23	7.7	
1,2-Dichloropropane	10	10.2	-2.0	
1,3,5-Trimethylbenzene	10	10.6	-6.4	
1,3-Dichlorobenzene	10	10.6	-5.5	
1,3-Dichloropropane	10	10.3	-2.7	
1,4-Dichlorobenzene	10	10.3	-2.7	
1-Chlorohexane	10	10.5	-5.4	
2,2-Dichloropropane	10	10.3	-3.1	
2-Butanone	20	21.6	-8.0	
2-Chlorotoluene	10	10.4	-3.6	
4-Bromofluorobenzene	10	9.72	2.8	
4-Chlorotoluene	10	10.5	-5.0	
4-Methyl-2-pentanone	20	20.6	-2.8	
Acetone	20	23	-14.8	
Benzene	10	10.5	-4.9	
Bromobenzene	10	10.3	-3.1	
Bromochloromethane	10	10	-0.1	
Bromodichloromethane	10	9.56	4.4	
Bromoform	10	9.14	8.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	10.1	-1.0	
Carbon tetrachloride	10	10.2	-2.5	
Chlorobenzene	10	10.7	-6.6	
Chloroethane	10	11	-10	
Chloroform	10	9.86	1.4	
Chloromethane	10	11.3	-13.3	
cis-1,2-Dichloroethene	10	10.4	-3.9	
cis-1,3-Dichloropropene	10	10.3	-2.6	
Dibromochloromethane	10	9.95	0.5	
Dibromofluoromethane	10	9.89	1.1	
Dibromomethane	10	9.66	3.4	
Dichlorodifluoromethane	10	11.9	-18.9	
Ethylbenzene	10	10.8	-7.7	
Hexachlorobutadiene	10	9.54	4.6	
Isopropylbenzene	10	10.8	-7.7	
Methyl tert-butyl ether	10	10.4	-3.9	
Methylene chloride	10	10.2	-2.4	
n-Butylbenzene	10	10.1	-0.7	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.96	0.4	
o-Xylene	10	10.6	-6.1	
p-Isopropyltoluene	10	11	-9.6	
sec-Butylbenzene	10	11	-10.5	
Styrene	10	9.83	1.7	
tert-Butylbenzene	10	10.5	-4.8	
Tetrachloroethene	10	10.6	-5.5	
Toluene	10	10.6	-6.4	
Toluene-d8	10	10.6	-6.2	
trans-1,2-Dichloroethene	10	10.5	-4.9	
trans-1,3-Dichloropropene	10	10.3	-3.3	
Trichloroethene	10	9.9	1.0	
Trichlorofluoromethane	10	10.2	-1.5	
Vinyl chloride	10	11.3	-13.0	
Xylenes (total)	30	32.5	-8.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10031 CCV #2 ID:

SEE ATTACHED

Comments:

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	109	0.00
2		Dichlorodifluoromethane	0.382	0.407	-6.5	107	0.00
3	P	Chloromethane	0.257	0.268	-4.3	109	0.00
4	CP	Vinyl chloride	0.220	0.243	-10.5	116	0.00
5		Bromomethane	0.187	0.178	4.8	104	0.00
6		Chloroethane	0.128	0.139	-8.6	111	0.00
7		Trichlorofluoromethane	0.581	0.625	-7.6	105	0.00
8		Acetone	0.042	0.043	-2.4	107	0.00
9	CPM	1,1-Dichloroethene	0.181	0.197	-8.8	112	0.00
10		Methylene chloride	0.286	0.227	20.6#	109	0.00
11		trans-1,2-Dichloroethene	0.230	0.246	-7.0	109	0.00
12		Methyl tert-Butyl ether	0.568	0.592	-4.2	110	0.00
13	P	1,1-Dichloroethane	0.370	0.383	-3.5	107	0.00
14		2-Butanone	0.054	0.056	-3.7	112	0.00
		cis-1,2-Dichloroethene	0.255	0.270	-5.9	108	0.00
		Bromochloromethane	0.144	0.150	-4.2	111	0.00
17	CP	Chloroform	0.583	0.519	11.0	109	0.00
18		2,2-Dichloropropane	0.452	0.471	-4.2	105	0.00
19	S	Dibromofluoromethane	0.258	0.269	-4.3	106	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.314	1.3	105	0.00
21		1,2-Dichloroethane	0.379	0.382	-0.8	104	0.00
22		1,1,1-Trichloroethane	0.543	0.577	-6.3	104	0.00
23		1,1-Dichloropropene	0.305	0.321	-5.2	106	0.00
24		Carbon tetrachloride	0.466	0.489	-4.9	106	0.00
25	M	Benzene	0.850	0.893	-5.1	108	0.00
26	M	Trichloroethene	0.295	0.301	-2.0	108	0.00
27		Dibromomethane	0.144	0.146	-1.4	105	0.00
28	CP	1,2-Dichloropropane	0.180	0.186	-3.3	110	0.00
29		Bromodichloromethane	0.371	0.361	2.7	104	0.00
30		4-Methyl-2-pentanone	0.131	0.137	-4.6	107	0.00
31		cis-1,3-Dichloropropene	0.344	0.360	-4.7	110	0.00
32	S	Toluene-d8	0.965	1.047	-8.5	110	0.00
33	CPM	Toluene	0.696	0.743	-6.8	109	0.00
34		trans-1,3-Dichloropropene	0.327	0.345	-5.5	105	0.00
35		1,1,2-Trichloroethane	0.139	0.148	-6.5	110	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
37		1,2-Dibromoethane	0.474	0.493	-4.0	110	0.00
38		1,3-Dichloropropane	0.684	0.703	-2.8	107	0.00
		Dibromochloromethane	0.645	0.653	-1.2	110	0.00
		Tetrachloroethene	0.828	0.872	-5.3	108	0.00

(#) = Out of Range

6/22/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.817	-8.6	109	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.711	-3.5	108	0.00
43	PM	Chlorobenzene	2.009	2.111	-5.1	109	0.00
44	CP	Ethylbenzene	3.262	3.485	-6.8	108	0.00
45		(m+p)-Xylene	1.206	1.263	-4.7	108	0.00
46		o-Xylene	1.213	1.253	-3.3	108	0.00
47		Styrene	1.899	2.065	-8.7	107	0.00
48	P	Bromoform	0.353	0.374	-5.9	110	0.00
49	S	Bromofluorobenzene	0.946	0.942	0.4	108	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.559	-4.5	108	0.00
52		Isopropylbenzene	3.690	4.009	-8.6	107	0.00
53		1,2,3-Trichloropropane	0.490	0.523	-6.7	110	0.00
		Bromobenzene	1.019	1.085	-6.5	108	0.00
		n-Propylbenzene	3.403	3.738	-9.8	106	0.00
56		2-Chlorotoluene	2.613	2.769	-6.0	106	0.00
57		4-Chlorotoluene	2.145	2.265	-5.6	105	0.00
58		1,3,5-Trimethylbenzene	2.455	2.650	-7.9	106	0.00
59		tert-Butylbenzene	2.609	2.741	-5.1	105	0.00
60		1,2,4-Trimethylbenzene	2.175	2.374	-9.1	106	0.00
61		sec-Butylbenzene	3.216	3.582	-11.4	105	0.00
62		1,3-Dichlorobenzene	1.649	1.767	-7.2	106	0.00
63		p-Isopropyltoluene	2.678	2.978	-11.2	105	0.00
64		1,4-Dichlorobenzene	1.599	1.639	-2.5	105	0.00
65		n-Butylbenzene	1.705	1.966	-15.3	105	0.00
66		1,2-Dichlorobenzene	1.558	1.641	-5.3	103	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.103	2.8	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.787	-27.1#	109	0.00
69		Hexachlorobutadiene	0.532	0.576	-8.3	102	0.00
70		Naphthalene	1.015	1.383	-36.3#	109	0.00
71		1,2,3-Trichlorobenzene	0.605	0.780	-28.9#	106	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	109	0.00
2		Dichlorodifluoromethane	10.000	10.658	-6.6	107	0.00
3	P	Chloromethane	10.000	10.426	-4.3	109	0.00
4	CP	Vinyl chloride	10.000	11.069	-10.7	116	0.00
5		Bromomethane	10.000	9.553	4.5	104	0.00
6		Chloroethane	10.000	10.856	-8.6	111	0.00
7		Trichlorofluoromethane	10.000	10.768	-7.7	105	0.00
8		Acetone	20.000	20.264	-1.3	107	0.00
9	CPM	1,1-Dichloroethene	10.000	10.917	-9.2	112	0.00
10		Methylene chloride	10.000	10.096	-1.0	109	0.00
11		trans-1,2-Dichloroethene	10.000	10.662	-6.6	109	0.00
12		Methyl tert-Butyl ether	10.000	10.428	-4.3	110	0.00
13	P	1,1-Dichloroethane	10.000	10.354	-3.5	107	0.00
14		2-Butanone	10.000	20.662	-3.3	112	0.00
		cis-1,2-Dichloroethene	10.000	10.602	-6.0	108	0.00
[illegible]		Bromochloromethane	10.000	10.366	-3.7	111	0.00
17	CP	Chloroform	10.000	10.297	-3.0	109	0.00
18		2,2-Dichloropropane	10.000	10.407	-4.1	105	0.00
19	S	Dibromofluoromethane	10.000	10.402	-4.0	106	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.875	1.3	105	0.00
21		1,2-Dichloroethane	10.000	10.070	-0.7	104	0.00
22		1,1,1-Trichloroethane	10.000	10.619	-6.2	104	0.00
23		1,1-Dichloropropene	10.000	10.518	-5.2	106	0.00
24		Carbon tetrachloride	10.000	10.500	-5.0	106	0.00
25	M	Benzene	10.000	10.506	-5.1	108	0.00
26	M	Trichloroethene	10.000	10.198	-2.0	108	0.00
27		Dibromomethane	10.000	10.088	-0.9	105	0.00
28	CP	1,2-Dichloropropane	10.000	10.370	-3.7	110	0.00
29		Bromodichloromethane	10.000	9.749	2.5	104	0.00
30		4-Methyl-2-pentanone	20.000	20.876	-4.4	107	0.00
31		cis-1,3-Dichloropropene	10.000	10.460	-4.6	110	0.00
32	S	Toluene-d8	10.000	10.848	-8.5	110	0.00
33	CPM	Toluene	10.000	10.672	-6.7	109	0.00
34		trans-1,3-Dichloropropene	10.000	10.556	-5.6	105	0.00
35		1,1,2-Trichloroethane	10.000	10.648	-6.5	110	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	108	0.00
37		1,2-Dibromoethane	10.000	10.403	-4.0	110	0.00
38		1,3-Dichloropropane	10.000	10.276	-2.8	107	0.00
[illegible]		Dibromochloromethane	10.000	10.124	-1.2	110	0.00
[illegible]		Tetrachloroethene	10.000	10.537	-5.4	108	0.00

(#) = Out of Range

David M Baldwin
6/22/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9034.D
Acq On : 21 Jun 2007 13:05
Sample : CCV-10031
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 06:52:32 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.682	3.2	109	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.338	-3.4	108	0.00
43	PM	Chlorobenzene	10.000	10.507	-5.1	109	0.00
44	CP	Ethylbenzene	10.000	10.684	-6.8	108	0.00
45		(m+p)-Xylene	20.000	20.938	-4.7	108	0.00
46		o-Xylene	10.000	10.328	-3.3	108	0.00
47		Styrene	10.000	9.518	4.8	107	0.00
48	P	Bromoform	10.000	9.282	7.2	110	0.00
49	S	Bromofluorobenzene	10.000	9.958	0.4	108	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	106	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.444	-4.4	108	0.00
52		Isopropylbenzene	10.000	10.866	-8.7	107	0.00
53		1,2,3-Trichloropropane	10.000	10.665	-6.6	110	0.00
		Bromobenzene	10.000	10.641	-6.4	108	0.00
[illegible]		n-Propylbenzene	10.000	10.987	-9.9	106	0.00
56		2-Chlorotoluene	10.000	10.597	-6.0	106	0.00
57		4-Chlorotoluene	10.000	10.559	-5.6	105	0.00
58		1,3,5-Trimethylbenzene	10.000	10.793	-7.9	106	0.00
59		tert-Butylbenzene	10.000	10.503	-5.0	105	0.00
60		1,2,4-Trimethylbenzene	10.000	10.914	-9.1	106	0.00
61		sec-Butylbenzene	10.000	11.139	-11.4	105	0.00
62		1,3-Dichlorobenzene	10.000	10.718	-7.2	106	0.00
63		p-Isopropyltoluene	10.000	11.120	-11.2	105	0.00
64		1,4-Dichlorobenzene	10.000	10.256	-2.6	105	0.00
65		n-Butylbenzene	10.000	10.240	-2.4	105	0.00
66		1,2-Dichlorobenzene	10.000	10.528	-5.3	103	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.707	2.9	101	0.00
68		1,2,4-Trichlorobenzene	10.000	9.808	1.9	109	0.00
69		Hexachlorobutadiene	10.000	9.471	5.3	102	0.00
70		Naphthalene	10.000	10.210	-2.1	109	0.00
71		1,2,3-Trichlorobenzene	10.000	9.903	1.0	106	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10095 CCV #2 ID:

SEE ATTACHED

Comments:

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	123	0.00
2		Dichlorodifluoromethane	0.382	0.314	17.8	93	0.00
3	P	Chloromethane	0.257	0.242	5.8	112	0.00
4	CP	Vinyl chloride	0.220	0.222	-0.9	119	0.00
5		Bromomethane	0.187	0.153	18.2	101	0.00
6		Chloroethane	0.128	0.135	-5.5	121	0.00
7		Trichlorofluoromethane	0.581	0.496	14.6	94	0.00
8		Acetone	0.042	0.036	14.3	100	0.00
9	CPM	1,1-Dichloroethene	0.181	0.209	-15.5	134	0.00
10		Methylene chloride	0.286	0.236	17.5	129	0.00
11		trans-1,2-Dichloroethene	0.230	0.255	-10.9	128	0.00
12		Methyl tert-Butyl ether	0.568	0.555	2.3	117	0.00
13	P	1,1-Dichloroethane	0.370	0.348	5.9	110	0.00
14		2-Butanone	0.054	0.046	14.8	105	0.00
15		cis-1,2-Dichloroethene	0.255	0.283	-11.0	128	0.00
16		Bromochloromethane	0.144	0.156	-8.3	130	0.00
17	CP	Chloroform	0.583	0.463	20.6#	110	0.00
18		2,2-Dichloropropane	0.452	0.423	6.4	107	0.00
19	S	Dibromofluoromethane	0.258	0.257	0.4	115	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.249	21.7#	94	0.00
21		1,2-Dichloroethane	0.379	0.302	20.3#	94	0.00
22		1,1,1-Trichloroethane	0.543	0.510	6.1	104	0.00
23		1,1-Dichloropropene	0.305	0.306	-0.3	115	0.00
24		Carbon tetrachloride	0.466	0.423	9.2	103	0.00
25	M	Benzene	0.850	0.865	-1.8	119	0.00
26	M	Trichloroethene	0.295	0.295	0.0	119	0.00
27		Dibromomethane	0.144	0.131	9.0	107	0.00
28	CP	1,2-Dichloropropane	0.180	0.169	6.1	113	0.00
29		Bromodichloromethane	0.371	0.317	14.6	104	0.00
30		4-Methyl-2-pentanone	0.131	0.112	14.5	99	0.00
31		cis-1,3-Dichloropropene	0.344	0.343	0.3	119	0.00
32	S	Toluene-d8	0.965	1.067	-10.6	127	0.00
33	CPM	Toluene	0.696	0.758	-8.9	126	0.00
34		trans-1,3-Dichloropropene	0.327	0.307	6.1	106	0.00
35		1,1,2-Trichloroethane	0.139	0.140	-0.7	118	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
37		1,2-Dibromoethane	0.474	0.539	-13.7	123	0.00
38		1,3-Dichloropropane	0.684	0.719	-5.1	112	0.00
39		Dibromochloromethane	0.645	0.690	-7.0	119	0.00
		Tetrachloroethene	0.828	1.011	-22.1#	128	0.00

(#) = Out of Range

David M Bolin 6/27/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.977	-29.9#	134	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.759	-10.5	118	0.00
43	PM	Chlorobenzene	2.009	2.411	-20.0#	127	0.00
44	CP	Ethylbenzene	3.262	3.733	-14.4	119	0.00
45		(m+p)-Xylene	1.206	1.473	-22.1#	129	0.00
46		o-Xylene	1.213	1.469	-21.1#	129	0.00
47		Styrene	1.899	2.306	-21.4#	122	0.00
48	P	Bromoform	0.353	0.409	-15.9	123	0.00
49	S	Bromofluorobenzene	0.946	1.007	-6.4	118	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	121	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.514	3.9	114	0.00
52		Isopropylbenzene	3.690	4.009	-8.6	122	0.00
53		1,2,3-Trichloropropane	0.490	0.445	9.2	107	0.00
		Bromobenzene	1.019	1.103	-8.2	126	0.00
[illegible]		n-Propylbenzene	3.403	3.628	-6.6	118	0.00
56		2-Chlorotoluene	2.613	2.629	-0.6	115	0.00
57		4-Chlorotoluene	2.145	2.157	-0.6	115	0.00
58		1,3,5-Trimethylbenzene	2.455	2.559	-4.2	117	0.00
59		tert-Butylbenzene	2.609	2.761	-5.8	121	0.00
60		1,2,4-Trimethylbenzene	2.175	2.281	-4.9	117	0.00
61		sec-Butylbenzene	3.216	3.588	-11.6	121	0.00
62		1,3-Dichlorobenzene	1.649	1.815	-10.1	125	0.00
63		p-Isopropyltoluene	2.678	2.909	-8.6	118	0.00
64		1,4-Dichlorobenzene	1.599	1.699	-6.3	125	0.00
65		n-Butylbenzene	1.705	1.823	-6.9	111	0.00
66		1,2-Dichlorobenzene	1.558	1.704	-9.4	123	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.089	16.0	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.814	-31.5#	129	0.00
69		Hexachlorobutadiene	0.532	0.597	-12.2	122	0.00
70		Naphthalene	1.015	1.502	-48.0#	136	0.00
71		1,2,3-Trichlorobenzene	0.605	0.836	-38.2#	130	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	123	0.00
2		Dichlorodifluoromethane	10.000	8.219	17.8	93	0.00
3	P	Chloromethane	10.000	9.416	5.8	112	0.00
4	CP	Vinyl chloride	10.000	10.104	-1.0	119	0.00
5		Bromomethane	10.000	8.181	18.2	101	0.00
6		Chloroethane	10.000	10.531	-5.3	121	0.00
7		Trichlorofluoromethane	10.000	8.538	14.6	94	0.00
8		Acetone	20.000	16.798	16.0	100	0.00
9	CPM	1,1-Dichloroethene	10.000	11.582	-15.8	134	0.00
10		Methylene chloride	10.000	10.507	-5.1	129	0.00
11		trans-1,2-Dichloroethene	10.000	11.090	-10.9	128	0.00
12		Methyl tert-Butyl ether	10.000	9.779	2.2	117	0.00
13	P	1,1-Dichloroethane	10.000	9.402	6.0	110	0.00
14		2-Butanone	20.000	17.064	14.7	105	0.00
		cis-1,2-Dichloroethene	10.000	11.098	-11.0	128	0.00
[illegible]		Bromochloromethane	10.000	10.771	-7.7	130	0.00
17	CP	Chloroform	10.000	9.145	8.6	110	0.00
18		2,2-Dichloropropane	10.000	9.357	6.4	107	0.00
19	S	Dibromofluoromethane	10.000	9.950	0.5	115	0.00
20	S	1,2-Dichloroethane-d4	10.000	7.844	21.6#	94	0.00
21		1,2-Dichloroethane	10.000	7.966	20.3#	94	0.00
22		1,1,1-Trichloroethane	10.000	9.382	6.2	104	0.00
23		1,1-Dichloropropene	10.000	10.040	-0.4	115	0.00
24		Carbon tetrachloride	10.000	9.068	9.3	103	0.00
25	M	Benzene	10.000	10.182	-1.8	119	0.00
26	M	Trichloroethene	10.000	9.995	0.1	119	0.00
27		Dibromomethane	10.000	9.043	9.6	107	0.00
28	CP	1,2-Dichloropropane	10.000	9.402	6.0	113	0.00
29		Bromodichloromethane	10.000	8.564	14.4	104	0.00
30		4-Methyl-2-pentanone	20.000	17.023	14.9	99	0.00
31		cis-1,3-Dichloropropene	10.000	9.987	0.1	119	0.00
32	S	Toluene-d8	10.000	11.053	-10.5	127	0.00
33	CPM	Toluene	10.000	10.889	-8.9	126	0.00
34		trans-1,3-Dichloropropene	10.000	9.389	6.1	106	0.00
35		1,1,2-Trichloroethane	10.000	10.064	-0.6	118	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	111	0.00
37		1,2-Dibromoethane	10.000	11.384	-13.8	123	0.00
38		1,3-Dichloropropane	10.000	10.521	-5.2	112	0.00
39		Dibromochloromethane	10.000	10.698	-7.0	119	0.00
		Tetrachloroethene	10.000	12.213	-22.1#	128	0.00

(#) = Out of Range

David M Bolen 6/27/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.483	-14.8	134	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.036	-10.4	118	0.00
43	PM	Chlorobenzene	10.000	11.998	-20.0	127	0.00
44	CP	Ethylbenzene	10.000	11.446	-14.5	119	0.00
45		(m+p)-Xylene	20.000	24.420	-22.1#	129	0.00
46		o-Xylene	10.000	12.105	-21.1#	129	0.00
47		Styrene	10.000	10.588	-5.9	122	0.00
48	P	Bromoform	10.000	10.085	-0.9	123	0.00
49	S	Bromofluorobenzene	10.000	10.640	-6.4	118	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	121	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	9.599	4.0	114	0.00
52		Isopropylbenzene	10.000	10.865	-8.7	122	0.00
53		1,2,3-Trichloropropane	10.000	9.086	9.1	107	0.00
		Bromobenzene	10.000	10.818	-8.2	126	0.00
		n-Propylbenzene	10.000	10.662	-6.6	118	0.00
56		2-Chlorotoluene	10.000	10.061	-0.6	115	0.00
57		4-Chlorotoluene	10.000	10.057	-0.6	115	0.00
58		1,3,5-Trimethylbenzene	10.000	10.424	-4.2	117	0.00
59		tert-Butylbenzene	10.000	10.583	-5.8	121	0.00
60		1,2,4-Trimethylbenzene	10.000	10.489	-4.9	117	0.00
61		sec-Butylbenzene	10.000	11.157	-11.6	121	0.00
62		1,3-Dichlorobenzene	10.000	11.004	-10.0	125	0.00
63		p-Isopropyltoluene	10.000	10.862	-8.6	118	0.00
64		1,4-Dichlorobenzene	10.000	10.626	-6.3	125	0.00
65		n-Butylbenzene	10.000	9.485	5.2	111	0.00
66		1,2-Dichlorobenzene	10.000	10.933	-9.3	123	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.394	16.1	101	0.00
68		1,2,4-Trichlorobenzene	10.000	10.135	-1.3	129	0.00
69		Hexachlorobutadiene	10.000	9.809	1.9	122	0.00
70		Naphthalene	10.000	11.065	-10.6	136	0.00
71		1,2,3-Trichlorobenzene	10.000	10.586	-5.9	130	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10137 CCV #2 ID:

SEE ATTACHED

Comments:

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9228.D
Acq On : 28 Jun 2007 8:00
Sample : CCV-10137
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jul 02 10:37:42 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	99	0.00
2		Dichlorodifluoromethane	0.382	0.341	10.7	82	0.00
3	P	Chloromethane	0.257	0.219	14.8	81	-0.02
4	CP	Vinyl chloride	0.220	0.214	2.7	92	0.00
5		Bromomethane	0.187	0.160	14.4	85	0.00
6		Chloroethane	0.128	0.133	-3.9	96	-0.01
7		Trichlorofluoromethane	0.581	0.561	3.4	85	0.00
8		Acetone	0.042	0.036	14.3	81	0.00
9	CPM	1,1-Dichloroethene	0.181	0.206	-13.8	107	0.00
10		Methylene chloride	0.286	0.240	16.1	105	0.00
11		trans-1,2-Dichloroethene	0.230	0.257	-11.7	104	0.00
12		Methyl tert-Butyl ether	0.568	0.561	1.2	95	0.00
13	P	1,1-Dichloroethane	0.370	0.348	5.9	89	0.00
14		2-Butanone	0.054	0.043	20.4#	79	0.00
15		cis-1,2-Dichloroethene	0.255	0.284	-11.4	104	0.00
16		Bromochloromethane	0.144	0.162	-12.5	109	0.00
17	CP	Chloroform	0.583	0.492	15.6	94	0.00
18		2,2-Dichloropropane	0.452	0.455	-0.7	92	0.00
19	S	Dibromofluoromethane	0.258	0.278	-7.8	100	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.277	12.9	84	0.00
21		1,2-Dichloroethane	0.379	0.335	11.6	83	0.00
22		1,1,1-Trichloroethane	0.543	0.554	-2.0	91	0.00
23		1,1-Dichloropropene	0.305	0.308	-1.0	93	0.00
24		Carbon tetrachloride	0.466	0.475	-1.9	94	0.00
25	M	Benzene	0.850	0.861	-1.3	95	0.00
26	M	Trichloroethene	0.295	0.302	-2.4	98	0.00
27		Dibromomethane	0.144	0.138	4.2	91	0.00
28	CP	1,2-Dichloropropane	0.180	0.165	8.3	88	0.00
29		Bromodichloromethane	0.371	0.342	7.8	90	0.00
30		4-Methyl-2-pentanone	0.131	0.111	15.3	79	0.00
31		cis-1,3-Dichloropropene	0.344	0.341	0.9	95	0.00
32	S	Toluene-d8	0.965	1.084	-12.3	104	0.00
33	CPM	Toluene	0.696	0.776	-11.5	103	0.00
34		trans-1,3-Dichloropropene	0.327	0.325	0.6	90	0.00
35		1,1,2-Trichloroethane	0.139	0.140	-0.7	95	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
37		1,2-Dibromoethane	0.474	0.547	-15.4	103	0.00
38		1,3-Dichloropropane	0.684	0.708	-3.5	91	0.00
39		Dibromochloromethane	0.645	0.708	-9.8	100	0.00
40		Tetrachloroethene	0.828	1.057	-27.7#	110	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9228.D
Acq On : 28 Jun 2007 8:00
Sample : CCV-10137
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jul 02 10:37:42 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.939	-24.9#	106	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.810	-17.9	103	0.00
43	PM	Chlorobenzene	2.009	2.479	-23.4#	107	0.00
44	CP	Ethylbenzene	3.262	3.777	-15.8	99	0.00
45		(m+p)-Xylene	1.206	1.493	-23.8#	107	0.00
46		o-Xylene	1.213	1.460	-20.4#	105	0.00
47		Styrene	1.899	2.356	-24.1#	102	0.00
48	P	Bromoform	0.353	0.431	-22.1#	107	0.00
49	S	Bromofluorobenzene	0.946	1.044	-10.4	100	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.503	6.0	94	0.00
52		Isopropylbenzene	3.690	3.997	-8.3	103	0.00
53		1,2,3-Trichloropropane	0.490	0.436	11.0	89	0.00
54		Bromobenzene	1.019	1.123	-10.2	108	0.00
55		n-Propylbenzene	3.403	3.557	-4.5	97	0.00
56		2-Chlorotoluene	2.613	2.602	0.4	96	0.00
57		4-Chlorotoluene	2.145	2.156	-0.5	97	0.00
58		1,3,5-Trimethylbenzene	2.455	2.566	-4.5	99	0.00
59		tert-Butylbenzene	2.609	2.801	-7.4	103	0.00
60		1,2,4-Trimethylbenzene	2.175	2.300	-5.7	99	0.00
61		sec-Butylbenzene	3.216	3.598	-11.9	102	0.00
62		1,3-Dichlorobenzene	1.649	1.850	-12.2	107	0.00
63		p-Isopropyltoluene	2.678	2.974	-11.1	101	0.00
64		1,4-Dichlorobenzene	1.599	1.712	-7.1	106	0.00
65		n-Butylbenzene	1.705	1.830	-7.3	94	0.00
66		1,2-Dichlorobenzene	1.558	1.731	-11.1	105	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.093	12.3	88	0.00
68		1,2,4-Trichlorobenzene	0.619	0.868	-40.2#	116	0.00
69		Hexachlorobutadiene	0.532	0.610	-14.7	105	0.00
70		Naphthalene	1.015	1.508	-48.6#	115	0.00
71		1,2,3-Trichlorobenzene	0.605	0.862	-42.5#	113	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9228.D
Acq On : 28 Jun 2007 8:00
Sample : CCV-10137
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jul 02 10:37:42 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	99	0.00
2		Dichlorodifluoromethane	10.000	8.932	10.7	82	0.00
3	P	Chloromethane	10.000	8.530	14.7	81	-0.02
4	CP	Vinyl chloride	10.000	9.720	2.8	92	0.00
5		Bromomethane	10.000	8.586	14.1	85	0.00
6		Chloroethane	10.000	10.361	-3.6	96	-0.01
7		Trichlorofluoromethane	10.000	9.670	3.3	85	0.00
8		Acetone	20.000	16.826	15.9	81	0.00
9	CPM	1,1-Dichloroethene	10.000	11.426	-14.3	107	0.00
10		Methylene chloride	10.000	10.682	-6.8	105	0.00
11		trans-1,2-Dichloroethene	10.000	11.171	-11.7	104	0.00
12		Methyl tert-Butyl ether	10.000	9.873	1.3	95	0.00
13	P	1,1-Dichloroethane	10.000	9.402	6.0	89	0.00
14		2-Butanone	20.000	16.008	20.0	79	0.00
15		cis-1,2-Dichloroethene	10.000	11.157	-11.6	104	0.00
16		Bromochloromethane	10.000	11.246	-12.5	109	0.00
17	CP	Chloroform	10.000	9.735	2.7	94	0.00
18		2,2-Dichloropropane	10.000	10.059	-0.6	92	0.00
19	S	Dibromofluoromethane	10.000	10.756	-7.6	100	0.00
20	S	1,2-Dichloroethane-d4	10.000	8.722	12.8	84	0.00
21		1,2-Dichloroethane	10.000	8.834	11.7	83	0.00
22		1,1,1-Trichloroethane	10.000	10.203	-2.0	91	0.00
23		1,1-Dichloropropene	10.000	10.116	-1.2	93	0.00
24		Carbon tetrachloride	10.000	10.200	-2.0	94	0.00
25	M	Benzene	10.000	10.128	-1.3	95	0.00
26	M	Trichloroethene	10.000	10.239	-2.4	98	0.00
27		Dibromomethane	10.000	9.554	4.5	91	0.00
28	CP	1,2-Dichloropropane	10.000	9.186	8.1	88	0.00
29		Bromodichloromethane	10.000	9.241	7.6	90	0.00
30		4-Methyl-2-pentanone	20.000	16.880	15.6	79	0.00
31		cis-1,3-Dichloropropene	10.000	9.914	0.9	95	0.00
32	S	Toluene-d8	10.000	11.231	-12.3	104	0.00
33	CPM	Toluene	10.000	11.150	-11.5	103	0.00
34		trans-1,3-Dichloropropene	10.000	9.936	0.6	90	0.00
35		1,1,2-Trichloroethane	10.000	10.086	-0.9	95	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	91	0.00
37		1,2-Dibromoethane	10.000	11.545	-15.4	103	0.00
38		1,3-Dichloropropane	10.000	10.359	-3.6	91	0.00
39		Dibromochloromethane	10.000	10.973	-9.7	100	0.00
40		Tetrachloroethene	10.000	12.773	-27.7#	110	0.00

(#) = Out of Range

David M Bellin 7/2/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9228.D
Acq On : 28 Jun 2007 8:00
Sample : CCV-10137
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jul 02 10:37:42 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.054	-10.5	106	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.776	-17.8	103	0.00
43	PM	Chlorobenzene	10.000	12.341	-23.4#	107	0.00
44	CP	Ethylbenzene	10.000	11.581	-15.8	99	0.00
45		(m+p)-Xylene	20.000	24.753	-23.8#	107	0.00
46		o-Xylene	10.000	12.030	-20.3#	105	0.00
47		Styrene	10.000	10.814	-8.1	102	0.00
48	P	Bromoform	10.000	10.595	-6.0	107	0.00
49	S	Bromofluorobenzene	10.000	11.029	-10.3	100	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	102	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	9.404	6.0	94	0.00
52		Isopropylbenzene	10.000	10.834	-8.3	103	0.00
53		1,2,3-Trichloropropane	10.000	8.907	10.9	89	0.00
54		Bromobenzene	10.000	11.017	-10.2	108	0.00
55		n-Propylbenzene	10.000	10.455	-4.6	97	0.00
56		2-Chlorotoluene	10.000	9.956	0.4	96	0.00
57		4-Chlorotoluene	10.000	10.053	-0.5	97	0.00
58		1,3,5-Trimethylbenzene	10.000	10.453	-4.5	99	0.00
59		tert-Butylbenzene	10.000	10.733	-7.3	103	0.00
60		1,2,4-Trimethylbenzene	10.000	10.576	-5.8	99	0.00
61		sec-Butylbenzene	10.000	11.188	-11.9	102	0.00
62		1,3-Dichlorobenzene	10.000	11.218	-12.2	107	0.00
63		p-Isopropyltoluene	10.000	11.106	-11.1	101	0.00
64		1,4-Dichlorobenzene	10.000	10.711	-7.1	106	0.00
65		n-Butylbenzene	10.000	9.523	4.8	94	0.00
66		1,2-Dichlorobenzene	10.000	11.111	-11.1	105	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.714	12.9	88	0.00
68		1,2,4-Trichlorobenzene	10.000	10.772	-7.7	116	0.00
69		Hexachlorobutadiene	10.000	10.023	-0.2	105	0.00
70		Naphthalene	10.000	11.108	-11.1	115	0.00
71		1,2,3-Trichlorobenzene	10.000	10.900	-9.0	113	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10163 CCV #2 ID:

SEE ATTACHED

Comments:

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9269.D
Acq On : 29 Jun 2007 10:15
Sample : CCV-10163
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 27 09:28:52 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	99	0.00
2		Dichlorodifluoromethane	0.382	0.360	5.8	86	0.00
3	P	Chloromethane	0.257	0.199	22.6#	74	0.00
4	CP	Vinyl chloride	0.220	0.202	8.2	87	0.00
5		Bromomethane	0.187	0.175	6.4	93	0.00
6		Chloroethane	0.128	0.129	-0.8	93	0.00
7		Trichlorofluoromethane	0.581	0.662	-13.9	101	0.00
8		Acetone	0.042	0.039	7.1	88	-0.01
9	CPM	1,1-Dichloroethene	0.181	0.210	-16.0	108	0.00
10		Methylene chloride	0.286	0.221	22.7#	97	-0.01
11		trans-1,2-Dichloroethene	0.230	0.256	-11.3	103	0.00
12		Methyl tert-Butyl ether	0.568	0.566	0.4	96	0.00
13	P	1,1-Dichloroethane	0.370	0.334	9.7	85	0.00
14		2-Butanone	0.054	0.044	18.5	81	0.00
15		cis-1,2-Dichloroethene	0.255	0.275	-7.8	100	0.00
16		Bromochloromethane	0.144	0.169	-17.4	114	0.00
17	CP	Chloroform	0.583	0.511	12.3	98	0.00
18		2,2-Dichloropropane	0.452	0.489	-8.2	99	0.00
19	S	Dibromofluoromethane	0.258	0.292	-13.2	105	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.313	1.6	95	0.00
21		1,2-Dichloroethane	0.379	0.368	2.9	92	0.00
22		1,1,1-Trichloroethane	0.543	0.614	-13.1	101	0.00
23		1,1-Dichloropropene	0.305	0.306	-0.3	92	0.00
24		Carbon tetrachloride	0.466	0.536	-15.0	106	0.00
25	M	Benzene	0.850	0.791	6.9	88	0.00
26	M	Trichloroethene	0.295	0.308	-4.4	100	0.00
27		Dibromomethane	0.144	0.146	-1.4	96	0.00
28	CP	1,2-Dichloropropane	0.180	0.149	17.2	80	0.00
29		Bromodichloromethane	0.371	0.366	1.3	96	0.00
30		4-Methyl-2-pentanone	0.131	0.108	17.6	77	0.00
31		cis-1,3-Dichloropropene	0.344	0.323	6.1	90	0.00
32	S	Toluene-d8	0.965	1.086	-12.5	104	0.00
33	CPM	Toluene	0.696	0.748	-7.5	100	0.00
34		trans-1,3-Dichloropropene	0.327	0.322	1.5	90	0.00
35		1,1,2-Trichloroethane	0.139	0.139	0.0	94	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
37		1,2-Dibromoethane	0.474	0.548	-15.6	106	0.00
38		1,3-Dichloropropane	0.684	0.684	0.0	90	-0.01
39		Dibromochloromethane	0.645	0.780	-20.9#	114	0.00
40		Tetrachloroethene	0.828	1.079	-30.3#	115	0.00

(#) = Out of Range

David McCallum 7/2/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9269.D
Acq On : 29 Jun 2007 10:15
Sample : CCV-10163
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 27 09:28:52 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.884	-17.6	103	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.852	-24.0#	112	0.00
43	PM	Chlorobenzene	2.009	2.477	-23.3#	110	0.00
44	CP	Ethylbenzene	3.262	3.701	-13.5	100	0.00
45		(m+p)-Xylene	1.206	1.477	-22.5#	109	0.00
46		o-Xylene	1.213	1.437	-18.5	107	0.00
47		Styrene	1.899	2.346	-23.5#	105	0.00
48	P	Bromoform	0.353	0.463	-31.2#	118	0.00
49	S	Bromofluorobenzene	0.946	1.047	-10.7	103	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.454	15.1	95	0.00
52		Isopropylbenzene	3.690	3.748	-1.6	108	0.00
53		1,2,3-Trichloropropane	0.490	0.397	19.0	90	0.00
54		Bromobenzene	1.019	1.094	-7.4	118	0.00
55		n-Propylbenzene	3.403	3.223	5.3	99	0.00
56		2-Chlorotoluene	2.613	2.409	7.8	100	0.00
57		4-Chlorotoluene	2.145	1.996	6.9	100	0.00
58		1,3,5-Trimethylbenzene	2.455	2.397	2.4	104	0.00
59		tert-Butylbenzene	2.609	2.664	-2.1	110	0.00
60		1,2,4-Trimethylbenzene	2.175	2.166	0.4	105	0.00
61		sec-Butylbenzene	3.216	3.390	-5.4	108	0.00
62		1,3-Dichlorobenzene	1.649	1.782	-8.1	116	0.00
63		p-Isopropyltoluene	2.678	2.844	-6.2	109	0.00
64		1,4-Dichlorobenzene	1.599	1.640	-2.6	114	0.00
65		n-Butylbenzene	1.705	1.670	2.1	96	0.00
66		1,2-Dichlorobenzene	1.558	1.674	-7.4	114	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.085	19.8	91	0.00
68		1,2,4-Trichlorobenzene	0.619	0.814	-31.5#	122	0.00
69		Hexachlorobutadiene	0.532	0.613	-15.2	118	0.00
70		Naphthalene	1.015	1.454	-43.3#	124	0.00
71		1,2,3-Trichlorobenzene	0.605	0.837	-38.3#	123	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9269.D
Acq On : 29 Jun 2007 10:15
Sample : CCV-10163
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 27 09:28:52 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	99	0.00
2		Dichlorodifluoromethane	10.000	9.448	5.5	86	0.00
3	P	Chloromethane	10.000	7.748	22.5#	74	0.00
4	CP	Vinyl chloride	10.000	9.197	8.0	87	0.00
5		Bromomethane	10.000	9.353	6.5	93	0.00
6		Chloroethane	10.000	10.054	-0.5	93	0.00
7		Trichlorofluoromethane	10.000	11.401	-14.0	101	0.00
8		Acetone	20.000	18.203	9.0	88	-0.01
9	CPM	1,1-Dichloroethene	10.000	11.625	-16.3	108	0.00
10		Methylene chloride	10.000	9.799	2.0	97	-0.01
11		trans-1,2-Dichloroethene	10.000	11.123	-11.2	103	0.00
12		Methyl tert-Butyl ether	10.000	9.971	0.3	96	0.00
13	P	1,1-Dichloroethane	10.000	9.015	9.8	85	0.00
14		2-Butanone	20.000	16.388	18.1	81	0.00
15		cis-1,2-Dichloroethene	10.000	10.791	-7.9	100	0.00
16		Bromochloromethane	10.000	11.729	-17.3	114	0.00
17	CP	Chloroform	10.000	10.132	-1.3	98	0.00
18		2,2-Dichloropropane	10.000	10.808	-8.1	99	0.00
19	S	Dibromofluoromethane	10.000	11.300	-13.0	105	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.843	1.6	95	0.00
21		1,2-Dichloroethane	10.000	9.710	2.9	92	0.00
22		1,1,1-Trichloroethane	10.000	11.294	-12.9	101	0.00
23		1,1-Dichloropropene	10.000	10.029	-0.3	92	0.00
24		Carbon tetrachloride	10.000	11.498	-15.0	106	0.00
25	M	Benzene	10.000	9.310	6.9	88	0.00
26	M	Trichloroethene	10.000	10.420	-4.2	100	0.00
27		Dibromomethane	10.000	10.107	-1.1	96	0.00
28	CP	1,2-Dichloropropane	10.000	8.297	17.0	80	0.00
29		Bromodichloromethane	10.000	9.884	1.2	96	0.00
30		4-Methyl-2-pentanone	20.000	16.398	18.0	77	0.00
31		cis-1,3-Dichloropropene	10.000	9.390	6.1	90	0.00
32	S	Toluene-d8	10.000	11.254	-12.5	104	0.00
33	CPM	Toluene	10.000	10.747	-7.5	100	0.00
34		trans-1,3-Dichloropropene	10.000	9.853	1.5	90	0.00
35		1,1,2-Trichloroethane	10.000	10.041	-0.4	94	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	94	0.00
37		1,2-Dibromoethane	10.000	11.561	-15.6	106	0.00
38		1,3-Dichloropropane	10.000	10.008	-0.1	90	-0.01
39		Dibromochloromethane	10.000	12.094	-20.9#	114	0.00
40		Tetrachloroethene	10.000	13.029	-30.3#	115	0.00

(#) = Out of Range

David M Bellin 7/2/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9269.D
Acq On : 29 Jun 2007 10:15
Sample : CCV-10163
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jun 27 09:28:52 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.438	-4.4	103	0.00
42		1,1,1,2-Tetrachloroethane	10.000	12.399	-24.0#	112	0.00
43	PM	Chlorobenzene	10.000	12.331	-23.3#	110	0.00
44	CP	Ethylbenzene	10.000	11.346	-13.5	100	0.00
45		(m+p)-Xylene	20.000	24.489	-22.4#	109	0.00
46		o-Xylene	10.000	11.847	-18.5	107	0.00
47		Styrene	10.000	10.766	-7.7	105	0.00
48	P	Bromoform	10.000	11.313	-13.1	118	0.00
49	S	Bromofluorobenzene	10.000	11.058	-10.6	103	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	115	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	8.478	15.2	95	0.00
52		Isopropylbenzene	10.000	10.157	-1.6	108	0.00
53		1,2,3-Trichloropropane	10.000	8.099	19.0	90	0.00
54		Bromobenzene	10.000	10.730	-7.3	118	0.00
55		n-Propylbenzene	10.000	9.473	5.3	99	0.00
56		2-Chlorotoluene	10.000	9.219	7.8	100	0.00
57		4-Chlorotoluene	10.000	9.309	6.9	100	0.00
58		1,3,5-Trimethylbenzene	10.000	9.762	2.4	104	0.00
59		tert-Butylbenzene	10.000	10.208	-2.1	110	0.00
60		1,2,4-Trimethylbenzene	10.000	9.959	0.4	105	0.00
61		sec-Butylbenzene	10.000	10.540	-5.4	108	0.00
62		1,3-Dichlorobenzene	10.000	10.807	-8.1	116	0.00
63		p-Isopropyltoluene	10.000	10.622	-6.2	109	0.00
64		1,4-Dichlorobenzene	10.000	10.262	-2.6	114	0.00
65		n-Butylbenzene	10.000	8.683	13.2	96	0.00
66		1,2-Dichlorobenzene	10.000	10.741	-7.4	114	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.030	19.7	91	0.00
68		1,2,4-Trichlorobenzene	10.000	10.135	-1.3	122	0.00
69		Hexachlorobutadiene	10.000	10.065	-0.6	118	0.00
70		Naphthalene	10.000	10.723	-7.2	124	0.00
71		1,2,3-Trichlorobenzene	10.000	10.596	-6.0	123	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10031
Initial Calibration ID:	986	**File ID:**	T9039.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10031
Initial Calibration ID:	986	**File ID:**	T9039.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	99	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10031
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10031
Initial Calibration ID:	986	**File ID:**	T9039.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	589577	353482 - 1413926	
Chlorobenzene-d5	816437	383378 - 1533514	
Fluorobenzene	1945834	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	79	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	94	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	728082	353482 - 1413926	
Chlorobenzene-d5	871682	383378 - 1533514	
Fluorobenzene	2233354	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10137
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10137
Initial Calibration ID:	986	**File ID:**	T9232.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10137
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10137
Initial Calibration ID:	986	**File ID:**	T9232.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	85	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	100	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10137
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10137
Initial Calibration ID:	986	**File ID:**	T9232.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	612768	353482 - 1413926	
Chlorobenzene-d5	746607	383378 - 1533514	
Fluorobenzene	1859376	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10163
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10163
Initial Calibration ID:	986	**File ID:**	T9272.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10163
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10163
Initial Calibration ID:	986	**File ID:**	T9272.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.370	1.00	F
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	72 - 119	
4-Bromofluorobenzene	96	76 - 119	
Dibromofluoromethane	106	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10163
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10163
Initial Calibration ID:	986	**File ID:**	T9272.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	666894	353482 - 1413926	
Chlorobenzene-d5	788171	383378 - 1533514	
Fluorobenzene	2005769	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10031

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10031 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9035.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	20.7	104	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.2	102	81 - 129	
1,1,1-Trichloroethane	10	10.2	102	67 - 132	
1,1,2,2-Tetrachloroethane	10	9.52	95	63 - 128	
1,1,2-Trichloroethane	10	10.0	100	75 - 125	
1,1-Dichloroethane	10	9.89	99	69 - 133	
1,1-Dichloroethene	10	10.7	107	68 - 130	
1,1-Dichloropropene	10	10.4	104	73 - 132	
1,2,3-Trichlorobenzene	10	9.33	93	67 - 137	
1,2,3-Trichloropropane	10	9.30	93	73 - 124	
1,2,4-Trichlorobenzene	10	9.19	92	66 - 134	
1,2,4-Trimethylbenzene	10	10.3	103	74 - 132	
1,2-Dibromo-3-chloropropane	10	9.76	98	50 - 132	
1,2-Dibromoethane	10	10.0	101	80 - 121	
1,2-Dichlorobenzene	10	10.1	101	71 - 122	
1,2-Dichloroethane	10	9.53	95	69 - 132	
1,2-Dichloropropane	10	9.94	99	75 - 125	
1,3,5-Trimethylbenzene	10	10.4	104	74 - 131	
1,3-Dichlorobenzene	10	10.2	102	75 - 124	
1,3-Dichloropropane	10	9.91	99	73 - 126	
1,4-Dichlorobenzene	10	9.74	97	74 - 123	
1-Chlorohexane	10	9.90	99	70 - 125	
2,2-Dichloropropane	10	9.94	99	69 - 137	
2-Butanone	20	21.0	105	49 - 136	
2-Chlorotoluene	10	10.2	102	73 - 126	
4-Chlorotoluene	10	10.2	102	74 - 128	
4-Methyl-2-pentanone	20	19.8	99	58 - 134	
Acetone	20	22.1	110	40 - 135	
Benzene	10	10.2	102	81 - 122	
Bromobenzene	10	10.0	100	76 - 124	
Bromochloromethane	10	9.99	100	65 - 129	
Bromodichloromethane	10	9.45	94	76 - 121	
Bromoform	10	8.89	89	69 - 128	
Bromomethane	10	10.1	101	30 - 141	
Carbon tetrachloride	10	10.2	102	66 - 138	
Chlorobenzene	10	10.3	103	81 - 122	
Chloroethane	10	10.7	107	58 - 133	
Chloroform	10	9.63	96	69 - 128	
Chloromethane	10	11.0	110	56 - 131	
cis-1,2-Dichloroethene	10	10.4	104	72 - 126	
cis-1,3-Dichloropropene	10	10.0	100	69 - 131	
Dibromochloromethane	10	9.75	98	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10031

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10031 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): ug/L **File ID:** T9035.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.69	97	76 - 125	
Dichlorodifluoromethane	10	11.7	117	30 - 153	
Ethylbenzene	10	10.5	105	73 - 127	
Hexachlorobutadiene	10	9.30	93	67 - 131	
Isopropylbenzene	10	10.4	104	75 - 127	
Methyl tert-butyl ether	10	10.3	103	65 - 123	
Methylene chloride	10	10.1	101	63 - 137	
n-Butylbenzene	10	9.67	97	69 - 137	
n-Propylbenzene	10	10.6	106	72 - 129	
Naphthalene	10	9.60	96	54 - 138	
o-Xylene	10	10.2	102	80 - 121	
p-Isopropyltoluene	10	10.5	105	73 - 130	
sec-Butylbenzene	10	10.7	107	72 - 127	
Styrene	10	9.37	94	65 - 134	
tert-Butylbenzene	10	10.1	101	70 - 129	
Tetrachloroethene	10	10.3	103	66 - 128	
Toluene	10	10.5	105	77 - 122	
trans-1,2-Dichloroethene	10	10.4	104	63 - 137	
trans-1,3-Dichloropropene	10	10.1	101	59 - 135	
Trichloroethene	10	9.97	100	70 - 127	
Trichlorofluoromethane	10	10.1	101	57 - 129	
Vinyl chloride	10	11.3	113	50 - 134	
Xylenes (total)	30	31.0	103	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	99	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	830511	353482 - 1413926	
Chlorobenzene-d5	895748	383378 - 1533514	
Fluorobenzene	2051527	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9183.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	24.2	121	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.6	106	81 - 129	
1,1,1-Trichloroethane	10	9.02	90	67 - 132	
1,1,2,2-Tetrachloroethane	10	9.16	92	63 - 128	
1,1,2-Trichloroethane	10	9.78	98	75 - 125	
1,1-Dichloroethane	10	9.02	90	69 - 133	
1,1-Dichloroethene	10	11.2	112	68 - 130	
1,1-Dichloropropene	10	9.63	96	73 - 132	
1,2,3-Trichlorobenzene	10	10.0	101	67 - 137	
1,2,3-Trichloropropane	10	8.59	86	73 - 124	
1,2,4-Trichlorobenzene	10	10.1	101	66 - 134	
1,2,4-Trimethylbenzene	10	10.2	102	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.12	81	50 - 132	
1,2-Dibromoethane	10	11.1	111	80 - 121	
1,2-Dichlorobenzene	10	10.7	107	71 - 122	
1,2-Dichloroethane	10	7.66	77	69 - 132	
1,2-Dichloropropane	10	9.10	91	75 - 125	
1,3,5-Trimethylbenzene	10	10.2	102	74 - 131	
1,3-Dichlorobenzene	10	10.6	106	75 - 124	
1,3-Dichloropropane	10	10.2	102	73 - 126	
1,4-Dichlorobenzene	10	10.2	102	74 - 123	
1-Chlorohexane	10	11.2	112	70 - 125	
2,2-Dichloropropane	10	8.95	90	69 - 137	
2-Butanone	20	17.1	85	49 - 136	
2-Chlorotoluene	10	9.60	96	73 - 126	
4-Chlorotoluene	10	9.68	97	74 - 128	
4-Methyl-2-pentanone	20	16.2	81	58 - 134	
Acetone	20	17.9	90	40 - 135	
Benzene	10	9.94	99	81 - 122	
Bromobenzene	10	10.3	103	76 - 124	
Bromochloromethane	10	10.4	104	65 - 129	
Bromodichloromethane	10	8.41	84	76 - 121	
Bromoform	10	9.78	98	69 - 128	
Bromomethane	10	8.85	88	30 - 141	
Carbon tetrachloride	10	8.83	88	66 - 138	
Chlorobenzene	10	11.6	116	81 - 122	
Chloroethane	10	9.99	100	58 - 133	
Chloroform	10	8.84	88	69 - 128	
Chloromethane	10	9.17	92	56 - 131	
cis-1,2-Dichloroethene	10	10.5	105	72 - 126	
cis-1,3-Dichloropropene	10	9.50	95	69 - 131	
Dibromochloromethane	10	10.1	101	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9183.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	8.91	89	76 - 125	
Dichlorodifluoromethane	10	9.84	98	30 - 153	
Ethylbenzene	10	11.0	110	73 - 127	
Hexachlorobutadiene	10	9.44	94	67 - 131	
Isopropylbenzene	10	10.4	104	75 - 127	
Methyl tert-butyl ether	10	9.60	96	65 - 123	
Methylene chloride	10	10.1	101	63 - 137	
n-Butylbenzene	10	9.14	91	69 - 137	
n-Propylbenzene	10	10.3	103	72 - 129	
Naphthalene	10	10.8	108	54 - 138	
o-Xylene	10	11.8	118	80 - 121	
p-Isopropyltoluene	10	10.6	106	73 - 130	
sec-Butylbenzene	10	10.8	108	72 - 127	
Styrene	10	10.6	106	65 - 134	
tert-Butylbenzene	10	10.2	102	70 - 129	
Tetrachloroethene	10	11.9	119	66 - 128	
Toluene	10	10.6	106	77 - 122	
trans-1,2-Dichloroethene	10	10.8	108	63 - 137	
trans-1,3-Dichloropropene	10	9.25	92	59 - 135	
Trichloroethene	10	9.56	96	70 - 127	
Trichlorofluoromethane	10	8.21	82	57 - 129	
Vinyl chloride	10	10.1	101	50 - 134	
Xylenes (total)	30	35.9	120	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	72 - 119	
4-Bromofluorobenzene	99	76 - 119	
Dibromofluoromethane	95	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	984533	353482 - 1413926	
Chlorobenzene-d5	967358	383378 - 1533514	
Fluorobenzene	2409712	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9184.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	21.8	109	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.0	101	81 - 129	
1,1,1-Trichloroethane	10	8.67	87	67 - 132	
1,1,2,2-Tetrachloroethane	10	9.08	91	63 - 128	
1,1,2-Trichloroethane	10	9.64	96	75 - 125	
1,1-Dichloroethane	10	8.71	87	69 - 133	
1,1-Dichloroethene	10	10.7	107	68 - 130	
1,1-Dichloropropene	10	9.28	93	73 - 132	
1,2,3-Trichlorobenzene	10	9.75	98	67 - 137	
1,2,3-Trichloropropane	10	8.48	85	73 - 124	
1,2,4-Trichlorobenzene	10	9.57	96	66 - 134	
1,2,4-Trimethylbenzene	10	9.70	97	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.39	84	50 - 132	
1,2-Dibromoethane	10	10.4	104	80 - 121	
1,2-Dichlorobenzene	10	10.1	101	71 - 122	
1,2-Dichloroethane	10	7.45	75	69 - 132	
1,2-Dichloropropane	10	8.91	89	75 - 125	
1,3,5-Trimethylbenzene	10	9.62	96	74 - 131	
1,3-Dichlorobenzene	10	10.2	102	75 - 124	
1,3-Dichloropropane	10	9.63	96	73 - 126	
1,4-Dichlorobenzene	10	9.81	98	74 - 123	
1-Chlorohexane	10	10.3	103	70 - 125	
2,2-Dichloropropane	10	8.35	84	69 - 137	
2-Butanone	20	17.2	86	49 - 136	
2-Chlorotoluene	10	9.33	93	73 - 126	
4-Chlorotoluene	10	9.26	93	74 - 128	
4-Methyl-2-pentanone	20	15.9	79	58 - 134	
Acetone	20	18.1	91	40 - 135	
Benzene	10	9.47	95	81 - 122	
Bromobenzene	10	10.1	101	76 - 124	
Bromochloromethane	10	9.94	99	65 - 129	
Bromodichloromethane	10	8.02	80	76 - 121	
Bromoform	10	9.15	92	69 - 128	
Bromomethane	10	8.79	88	30 - 141	
Carbon tetrachloride	10	8.54	85	66 - 138	
Chlorobenzene	10	10.7	107	81 - 122	
Chloroethane	10	9.79	98	58 - 133	
Chloroform	10	8.47	85	69 - 128	
Chloromethane	10	8.79	88	56 - 131	
cis-1,2-Dichloroethene	10	10.2	102	72 - 126	
cis-1,3-Dichloropropene	10	9.06	91	69 - 131	
Dibromochloromethane	10	9.65	97	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9184.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	8.61	86	76 - 125	
Dichlorodifluoromethane	10	9.54	95	30 - 153	
Ethylbenzene	10	10.1	101	73 - 127	
Hexachlorobutadiene	10	8.85	88	67 - 131	
Isopropylbenzene	10	10.2	102	75 - 127	
Methyl tert-butyl ether	10	9.35	94	65 - 123	
Methylene chloride	10	9.59	96	63 - 137	
n-Butylbenzene	10	8.65	86	69 - 137	
n-Propylbenzene	10	9.87	99	72 - 129	
Naphthalene	10	10.6	106	54 - 138	
o-Xylene	10	10.6	106	80 - 121	
p-Isopropyltoluene	10	9.95	100	73 - 130	
sec-Butylbenzene	10	10.2	103	72 - 127	
Styrene	10	9.54	95	65 - 134	
tert-Butylbenzene	10	9.82	98	70 - 129	
Tetrachloroethene	10	11.0	110	66 - 128	
Toluene	10	10.1	101	77 - 122	
trans-1,2-Dichloroethene	10	10.4	104	63 - 137	
trans-1,3-Dichloropropene	10	8.94	89	59 - 135	
Trichloroethene	10	9.35	94	70 - 127	
Trichlorofluoromethane	10	7.97	80	57 - 129	
Vinyl chloride	10	9.90	99	50 - 134	
Xylenes (total)	30	32.4	108	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	72 - 119	
4-Bromofluorobenzene	97	76 - 119	
Dibromofluoromethane	94	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	973475	353482 - 1413926	
Chlorobenzene-d5	1021460	383378 - 1533514	
Fluorobenzene	2472373	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10137 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9229.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	22.5	113	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.8	108	81 - 129	
1,1,1-Trichloroethane	10	9.48	95	67 - 132	
1,1,2,2-Tetrachloroethane	10	8.63	86	63 - 128	
1,1,2-Trichloroethane	10	9.58	96	75 - 125	
1,1-Dichloroethane	10	8.62	86	69 - 133	
1,1-Dichloroethene	10	10.8	108	68 - 130	
1,1-Dichloropropene	10	9.54	95	73 - 132	
1,2,3-Trichlorobenzene	10	10.2	102	67 - 137	
1,2,3-Trichloropropane	10	8.31	83	73 - 124	
1,2,4-Trichlorobenzene	10	9.85	98	66 - 134	
1,2,4-Trimethylbenzene	10	9.83	98	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.10	81	50 - 132	
1,2-Dibromoethane	10	10.6	106	80 - 121	
1,2-Dichlorobenzene	10	10.4	104	71 - 122	
1,2-Dichloroethane	10	8.13	81	69 - 132	
1,2-Dichloropropane	10	8.54	85	75 - 125	
1,3,5-Trimethylbenzene	10	9.80	98	74 - 131	
1,3-Dichlorobenzene	10	10.4	104	75 - 124	
1,3-Dichloropropane	10	9.45	94	73 - 126	
1,4-Dichlorobenzene	10	9.89	99	74 - 123	
1-Chlorohexane	10	10.2	102	70 - 125	
2,2-Dichloropropane	10	9.10	91	69 - 137	
2-Butanone	20	15.8	79	49 - 136	
2-Chlorotoluene	10	9.39	94	73 - 126	
4-Chlorotoluene	10	9.35	94	74 - 128	
4-Methyl-2-pentanone	20	14.9	74	58 - 134	
Acetone	20	17.4	87	40 - 135	
Benzene	10	9.63	96	81 - 122	
Bromobenzene	10	10.3	103	76 - 124	
Bromochloromethane	10	10.4	104	65 - 129	
Bromodichloromethane	10	8.54	85	76 - 121	
Bromoform	10	9.70	97	69 - 128	
Bromomethane	10	9.59	96	30 - 141	
Carbon tetrachloride	10	9.42	94	66 - 138	
Chlorobenzene	10	11.2	112	81 - 122	
Chloroethane	10	10.1	101	58 - 133	
Chloroform	10	8.92	89	69 - 128	
Chloromethane	10	8.88	89	56 - 131	
cis-1,2-Dichloroethene	10	10.4	104	72 - 126	
cis-1,3-Dichloropropene	10	9.15	92	69 - 131	
Dibromochloromethane	10	10.2	102	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10137 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9229.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	8.96	90	76 - 125	
Dichlorodifluoromethane	10	10.3	103	30 - 153	
Ethylbenzene	10	10.6	106	73 - 127	
Hexachlorobutadiene	10	9.26	93	67 - 131	
Isopropylbenzene	10	10.2	102	75 - 127	
Methyl tert-butyl ether	10	9.42	94	65 - 123	
Methylene chloride	10	9.68	97	63 - 137	
n-Butylbenzene	10	8.66	87	69 - 137	
n-Propylbenzene	10	9.69	97	72 - 129	
Naphthalene	10	10.6	106	54 - 138	
o-Xylene	10	10.9	109	80 - 121	
p-Isopropyltoluene	10	10.2	102	73 - 130	
sec-Butylbenzene	10	10.3	103	72 - 127	
Styrene	10	9.87	99	65 - 134	
tert-Butylbenzene	10	9.96	100	70 - 129	
Tetrachloroethene	10	11.9	119	66 - 128	
Toluene	10	10.4	104	77 - 122	
trans-1,2-Dichloroethene	10	10.4	104	63 - 137	
trans-1,3-Dichloropropene	10	9.05	90	59 - 135	
Trichloroethene	10	9.73	97	70 - 127	
Trichlorofluoromethane	10	8.86	89	57 - 129	
Vinyl chloride	10	9.83	98	50 - 134	
Xylenes (total)	30	33.5	112	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	81	72 - 119	
4-Bromofluorobenzene	99	76 - 119	
Dibromofluoromethane	99	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	825178	353482 - 1413926	
Chlorobenzene-d5	822389	383378 - 1533514	
Fluorobenzene	1988268	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10137 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9230.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	21.9	109	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.5	105	81 - 129	
1,1,1-Trichloroethane	10	9.37	94	67 - 132	
1,1,2,2-Tetrachloroethane	10	8.62	86	63 - 128	
1,1,2-Trichloroethane	10	9.56	96	75 - 125	
1,1-Dichloroethane	10	8.54	85	69 - 133	
1,1-Dichloroethene	10	10.6	106	68 - 130	
1,1-Dichloropropene	10	9.34	93	73 - 132	
1,2,3-Trichlorobenzene	10	10.1	101	67 - 137	
1,2,3-Trichloropropane	10	8.25	82	73 - 124	
1,2,4-Trichlorobenzene	10	9.88	99	66 - 134	
1,2,4-Trimethylbenzene	10	9.69	97	74 - 132	
1,2-Dibromo-3-chloropropane	10	7.76	78	50 - 132	
1,2-Dibromoethane	10	10.5	105	80 - 121	
1,2-Dichlorobenzene	10	10.2	102	71 - 122	
1,2-Dichloroethane	10	8.13	81	69 - 132	
1,2-Dichloropropane	10	8.29	83	75 - 125	
1,3,5-Trimethylbenzene	10	9.70	97	74 - 131	
1,3-Dichlorobenzene	10	10.2	102	75 - 124	
1,3-Dichloropropane	10	9.53	95	73 - 126	
1,4-Dichlorobenzene	10	9.84	98	74 - 123	
1-Chlorohexane	10	10.1	101	70 - 125	
2,2-Dichloropropane	10	9.22	92	69 - 137	
2-Butanone	20	16.6	83	49 - 136	
2-Chlorotoluene	10	9.18	92	73 - 126	
4-Chlorotoluene	10	9.13	91	74 - 128	
4-Methyl-2-pentanone	20	15.3	76	58 - 134	
Acetone	20	16.9	84	40 - 135	
Benzene	10	9.36	94	81 - 122	
Bromobenzene	10	10.2	102	76 - 124	
Bromochloromethane	10	10.2	102	65 - 129	
Bromodichloromethane	10	8.41	84	76 - 121	
Bromoform	10	9.47	95	69 - 128	
Bromomethane	10	9.31	93	30 - 141	
Carbon tetrachloride	10	9.28	93	66 - 138	
Chlorobenzene	10	11.1	111	81 - 122	
Chloroethane	10	9.78	98	58 - 133	
Chloroform	10	8.78	88	69 - 128	
Chloromethane	10	8.74	87	56 - 131	
cis-1,2-Dichloroethene	10	10.0	100	72 - 126	
cis-1,3-Dichloropropene	10	9.17	92	69 - 131	
Dibromochloromethane	10	10.0	100	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10137 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9230.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	8.76	88	76 - 125	
Dichlorodifluoromethane	10	10.1	101	30 - 153	
Ethylbenzene	10	10.3	103	73 - 127	
Hexachlorobutadiene	10	9.13	91	67 - 131	
Isopropylbenzene	10	10.1	101	75 - 127	
Methyl tert-butyl ether	10	9.25	92	65 - 123	
Methylene chloride	10	9.41	94	63 - 137	
n-Butylbenzene	10	8.55	86	69 - 137	
n-Propylbenzene	10	9.56	96	72 - 129	
Naphthalene	10	10.7	107	54 - 138	
o-Xylene	10	10.8	108	80 - 121	
p-Isopropyltoluene	10	10.0	100	73 - 130	
sec-Butylbenzene	10	10.1	101	72 - 127	
Styrene	10	9.61	96	65 - 134	
tert-Butylbenzene	10	9.75	98	70 - 129	
Tetrachloroethene	10	11.5	115	66 - 128	
Toluene	10	10.2	102	77 - 122	
trans-1,2-Dichloroethene	10	10.3	103	63 - 137	
trans-1,3-Dichloropropene	10	9.02	90	59 - 135	
Trichloroethene	10	9.33	93	70 - 127	
Trichlorofluoromethane	10	8.84	88	57 - 129	
Vinyl chloride	10	9.59	96	50 - 134	
Xylenes (total)	30	32.7	109	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	82	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	98	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	821138	353482 - 1413926	
Chlorobenzene-d5	833780	383378 - 1533514	
Fluorobenzene	2002300	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10163

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10163 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9270.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	22.4	112	76 - 128	
1,1,1,2-Tetrachloroethane	10	11.8	118	81 - 129	
1,1,1-Trichloroethane	10	10.4	104	67 - 132	
1,1,2,2-Tetrachloroethane	10	8.08	81	63 - 128	
1,1,2-Trichloroethane	10	9.41	94	75 - 125	
1,1-Dichloroethane	10	8.44	84	69 - 133	
1,1-Dichloroethene	10	10.8	108	68 - 130	
1,1-Dichloropropene	10	9.40	94	73 - 132	
1,2,3-Trichlorobenzene	10	10.2	102	67 - 137	
1,2,3-Trichloropropane	10	8.50	85	73 - 124	
1,2,4-Trichlorobenzene	10	9.65	97	66 - 134	
1,2,4-Trimethylbenzene	10	9.26	93	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.25	82	50 - 132	
1,2-Dibromoethane	10	11.2	112	80 - 121	
1,2-Dichlorobenzene	10	10.2	102	71 - 122	
1,2-Dichloroethane	10	9.14	91	69 - 132	
1,2-Dichloropropane	10	7.79	78	75 - 125	
1,3,5-Trimethylbenzene	10	9.17	92	74 - 131	
1,3-Dichlorobenzene	10	10.2	102	75 - 124	
1,3-Dichloropropane	10	9.11	91	73 - 126	
1,4-Dichlorobenzene	10	9.66	97	74 - 123	
1-Chlorohexane	10	10.0	100	70 - 125	
2,2-Dichloropropane	10	9.48	95	69 - 137	
2-Butanone	20	15.6	78	49 - 136	
2-Chlorotoluene	10	8.79	88	73 - 126	
4-Chlorotoluene	10	8.72	87	74 - 128	
4-Methyl-2-pentanone	20	15.1	76	58 - 134	
Acetone	20	19.5	97	40 - 135	
Benzene	10	8.94	89	81 - 122	
Bromobenzene	10	10.2	103	76 - 124	
Bromochloromethane	10	11.3	113	65 - 129	
Bromodichloromethane	10	9.26	93	76 - 121	
Bromoform	10	10.6	106	69 - 128	
Bromomethane	10	9.80	98	30 - 141	
Carbon tetrachloride	10	10.6	106	66 - 138	
Chlorobenzene	10	11.4	114	81 - 122	
Chloroethane	10	10.2	102	58 - 133	
Chloroform	10	9.47	95	69 - 128	
Chloromethane	10	8.23	82	56 - 131	
cis-1,2-Dichloroethene	10	10.3	103	72 - 126	
cis-1,3-Dichloropropene	10	9.11	91	69 - 131	
Dibromochloromethane	10	11.2	112	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10163

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10163 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9270.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.42	94	76 - 125	
Dichlorodifluoromethane	10	11.3	113	30 - 153	
Ethylbenzene	10	10.3	103	73 - 127	
Hexachlorobutadiene	10	9.48	95	67 - 131	
Isopropylbenzene	10	9.67	97	75 - 127	
Methyl tert-butyl ether	10	9.73	97	65 - 123	
Methylene chloride	10	9.02	90	63 - 137	
n-Butylbenzene	10	8.02	80	69 - 137	
n-Propylbenzene	10	8.98	90	72 - 129	
Naphthalene	10	10.6	106	54 - 138	
o-Xylene	10	10.8	108	80 - 121	
p-Isopropyltoluene	10	9.82	98	73 - 130	
sec-Butylbenzene	10	9.64	96	72 - 127	
Styrene	10	9.63	96	65 - 134	
tert-Butylbenzene	10	9.56	96	70 - 129	
Tetrachloroethene	10	12.4	124	66 - 128	
Toluene	10	10.1	101	77 - 122	
trans-1,2-Dichloroethene	10	10.6	106	63 - 137	
trans-1,3-Dichloropropene	10	9.47	95	59 - 135	
Trichloroethene	10	9.83	98	70 - 127	
Trichlorofluoromethane	10	10.6	106	57 - 129	
Vinyl chloride	10	9.36	94	50 - 134	
Xylenes (total)	30	33.2	111	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	72 - 119	
4-Bromofluorobenzene	103	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	913875	353482 - 1413926	
Chlorobenzene-d5	849445	383378 - 1533514	
Fluorobenzene	2020024	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10163

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10163 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9271.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	22.8	114	76 - 128	
1,1,1,2-Tetrachloroethane	10	11.5	115	81 - 129	
1,1,1-Trichloroethane	10	10.5	105	67 - 132	
1,1,2,2-Tetrachloroethane	10	8.30	83	63 - 128	
1,1,2-Trichloroethane	10	9.56	96	75 - 125	
1,1-Dichloroethane	10	8.27	83	69 - 133	
1,1-Dichloroethene	10	10.8	108	68 - 130	
1,1-Dichloropropene	10	9.25	92	73 - 132	
1,2,3-Trichlorobenzene	10	10.1	101	67 - 137	
1,2,3-Trichloropropane	10	8.01	80	73 - 124	
1,2,4-Trichlorobenzene	10	9.99	100	66 - 134	
1,2,4-Trimethylbenzene	10	9.44	94	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.47	85	50 - 132	
1,2-Dibromoethane	10	11.3	113	80 - 121	
1,2-Dichlorobenzene	10	10.3	103	71 - 122	
1,2-Dichloroethane	10	8.97	90	69 - 132	
1,2-Dichloropropane	10	7.80	78	75 - 125	
1,3,5-Trimethylbenzene	10	9.51	95	74 - 131	
1,3-Dichlorobenzene	10	10.5	105	75 - 124	
1,3-Dichloropropane	10	9.45	94	73 - 126	
1,4-Dichlorobenzene	10	9.99	100	74 - 123	
1-Chlorohexane	10	10.1	101	70 - 125	
2,2-Dichloropropane	10	10.0	100	69 - 137	
2-Butanone	20	16.0	80	49 - 136	
2-Chlorotoluene	10	8.99	90	73 - 126	
4-Chlorotoluene	10	8.96	90	74 - 128	
4-Methyl-2-pentanone	20	15.2	76	58 - 134	
Acetone	20	19.3	96	40 - 135	
Benzene	10	8.93	89	81 - 122	
Bromobenzene	10	10.4	104	76 - 124	
Bromochloromethane	10	11.1	111	65 - 129	
Bromodichloromethane	10	9.05	90	76 - 121	
Bromoform	10	10.7	107	69 - 128	
Bromomethane	10	10.3	103	30 - 141	
Carbon tetrachloride	10	10.5	105	66 - 138	
Chlorobenzene	10	11.6	116	81 - 122	
Chloroethane	10	10.0	100	58 - 133	
Chloroform	10	9.35	94	69 - 128	
Chloromethane	10	8.32	83	56 - 131	
cis-1,2-Dichloroethene	10	10.2	102	72 - 126	
cis-1,3-Dichloropropene	10	9.01	90	69 - 131	
Dibromochloromethane	10	11.3	113	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10163

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10163 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9271.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.41	94	76 - 125	
Dichlorodifluoromethane	10	11.5	115	30 - 153	
Ethylbenzene	10	10.6	106	73 - 127	
Hexachlorobutadiene	10	9.61	96	67 - 131	
Isopropylbenzene	10	9.81	98	75 - 127	
Methyl tert-butyl ether	10	9.55	96	65 - 123	
Methylene chloride	10	9.15	92	63 - 137	
n-Butylbenzene	10	8.28	83	69 - 137	
n-Propylbenzene	10	9.25	92	72 - 129	
Naphthalene	10	10.7	107	54 - 138	
o-Xylene	10	11.1	111	80 - 121	
p-Isopropyltoluene	10	10.1	101	73 - 130	
sec-Butylbenzene	10	10.1	101	72 - 127	
Styrene	10	10.1	101	65 - 134	
tert-Butylbenzene	10	9.76	98	70 - 129	
Tetrachloroethene	10	12.4	124	66 - 128	
Toluene	10	10.2	102	77 - 122	
trans-1,2-Dichloroethene	10	10.5	105	63 - 137	
trans-1,3-Dichloropropene	10	9.41	94	59 - 135	
Trichloroethene	10	9.98	100	70 - 127	
Trichlorofluoromethane	10	10.5	105	57 - 129	
Vinyl chloride	10	9.48	95	50 - 134	
Xylenes (total)	30	33.9	113	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	90	72 - 119	
4-Bromofluorobenzene	104	76 - 119	
Dibromofluoromethane	107	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	925080	353482 - 1413926	
Chlorobenzene-d5	855466	383378 - 1533514	
Fluorobenzene	2074155	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10095 **MS ID:** LCS-10095 **MSD ID:** LCSD-10095

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	24.2	121	21.8	109	10	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	10.6	106	10.0	101	5	81 - 129	20	
1,1,1-Trichloroethane		10.0	9.02	90	8.67	87	4	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	9.16	92	9.08	91	1	63 - 128	20	
1,1,2-Trichloroethane		10.0	9.78	98	9.64	96	1	75 - 125	20	
1,1-Dichloroethane		10.0	9.02	90	8.71	87	3	69 - 133	20	
1,1-Dichloroethene		10.0	11.2	112	10.7	107	5	68 - 130	20	
1,1-Dichloropropene		10.0	9.63	96	9.28	93	4	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	10.0	101	9.75	98	3	67 - 137	20	
1,2,3-Trichloropropane		10.0	8.59	86	8.48	85	1	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	10.1	101	9.57	96	5	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	10.2	102	9.70	97	5	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	8.12	81	8.39	84	3	50 - 132	20	
1,2-Dibromoethane		10.0	11.1	111	10.4	104	7	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.7	107	10.1	101	6	71 - 122	20	
1,2-Dichloroethane		10.0	7.66	77	7.45	75	3	69 - 132	20	
1,2-Dichloropropane		10.0	9.10	91	8.91	89	2	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	10.2	102	9.62	96	6	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.6	106	10.2	102	4	75 - 124	20	
1,3-Dichloropropane		10.0	10.2	102	9.63	96	5	73 - 126	20	
1,4-Dichlorobenzene		10.0	10.2	102	9.81	98	4	74 - 123	20	
1-Chlorohexane		10.0	11.2	112	10.3	103	8	70 - 125	20	
2,2-Dichloropropane		10.0	8.95	90	8.35	84	7	69 - 137	20	
2-Butanone		20.0	17.1	85	17.2	86	1	49 - 136	20	
2-Chlorotoluene		10.0	9.60	96	9.33	93	3	73 - 126	20	
4-Chlorotoluene		10.0	9.68	97	9.26	93	4	74 - 128	20	
4-Methyl-2-pentanone		20.0	16.2	81	15.9	79	2	58 - 134	20	
Acetone		20.0	17.9	90	18.1	91	1	40 - 135	20	
Benzene		10.0	9.94	99	9.47	95	5	81 - 122	20	
Bromobenzene		10.0	10.3	103	10.1	101	2	76 - 124	20	
Bromochloromethane		10.0	10.4	104	9.94	99	4	65 - 129	20	
Bromodichloromethane		10.0	8.41	84	8.02	80	5	76 - 121	20	
Bromoform		10.0	9.78	98	9.15	92	7	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10095 **MS ID:** LCS-10095 **MSD ID:** LCSD-10095

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	8.85	88	8.79	88	1	30 - 141	20	
Carbon tetrachloride		10.0	8.83	88	8.54	85	3	66 - 138	20	
Chlorobenzene		10.0	11.6	116	10.7	107	8	81 - 122	20	
Chloroethane		10.0	9.99	100	9.79	98	2	58 - 133	20	
Chloroform		10.0	8.84	88	8.47	85	4	69 - 128	20	
Chloromethane		10.0	9.17	92	8.79	88	4	56 - 131	20	
cis-1,2-Dichloroethene		10.0	10.5	105	10.2	102	2	72 - 126	20	
cis-1,3-Dichloropropene		10.0	9.50	95	9.06	91	5	69 - 131	20	
Dibromochloromethane		10.0	10.1	101	9.65	97	5	66 - 133	20	
Dibromomethane		10.0	8.91	89	8.61	86	3	76 - 125	20	
Dichlorodifluoromethane		10.0	9.84	98	9.54	95	3	30 - 153	20	
Ethylbenzene		10.0	11.0	110	10.1	101	8	73 - 127	20	
Hexachlorobutadiene		10.0	9.44	94	8.85	88	6	67 - 131	20	
Isopropylbenzene		10.0	10.4	104	10.2	102	2	75 - 127	20	
Methyl tert-butyl ether		10.0	9.60	96	9.35	94	3	65 - 123	20	
Methylene chloride		10.0	10.1	101	9.59	96	5	63 - 137	20	
n-Butylbenzene		10.0	9.14	91	8.65	86	6	69 - 137	20	
n-Propylbenzene		10.0	10.3	103	9.87	99	4	72 - 129	20	
Naphthalene		10.0	10.8	108	10.6	106	2	54 - 138	20	
o-Xylene		10.0	11.8	118	10.6	106	10	80 - 121	20	
p-Isopropyltoluene		10.0	10.6	106	9.95	100	6	73 - 130	20	
sec-Butylbenzene		10.0	10.8	108	10.2	103	5	72 - 127	20	
Styrene		10.0	10.6	106	9.54	95	10	65 - 134	20	
tert-Butylbenzene		10.0	10.2	102	9.82	98	4	70 - 129	20	
Tetrachloroethene		10.0	11.9	119	11.0	110	7	66 - 128	20	
Toluene		10.0	10.6	106	10.1	101	5	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.8	108	10.4	104	4	63 - 137	20	
trans-1,3-Dichloropropene		10.0	9.25	92	8.94	89	3	59 - 135	20	
Trichloroethene		10.0	9.56	96	9.35	94	2	70 - 127	20	
Trichlorofluoromethane		10.0	8.21	82	7.97	80	3	57 - 129	20	
Vinyl chloride		10.0	10.1	101	9.90	99	2	50 - 134	20	
Xylenes (total)		30.0	35.9	120	32.4	108	10	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10137 **MS ID:** LCS-10137 **MSD ID:** LCSD-10137

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	22.5	113	21.9	109	3	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	10.8	108	10.5	105	3	81 - 129	20	
1,1,1-Trichloroethane		10.0	9.48	95	9.37	94	1	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	8.63	86	8.62	86	0	63 - 128	20	
1,1,2-Trichloroethane		10.0	9.58	96	9.56	96	0	75 - 125	20	
1,1-Dichloroethane		10.0	8.62	86	8.54	85	1	69 - 133	20	
1,1-Dichloroethene		10.0	10.8	108	10.6	106	2	68 - 130	20	
1,1-Dichloropropene		10.0	9.54	95	9.34	93	2	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	10.2	102	10.1	101	0	67 - 137	20	
1,2,3-Trichloropropane		10.0	8.31	83	8.25	82	1	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	9.85	98	9.88	99	0	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	9.83	98	9.69	97	1	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	8.10	81	7.76	78	4	50 - 132	20	
1,2-Dibromoethane		10.0	10.6	106	10.5	105	1	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.4	104	10.2	102	2	71 - 122	20	
1,2-Dichloroethane		10.0	8.13	81	8.13	81	0	69 - 132	20	
1,2-Dichloropropane		10.0	8.54	85	8.29	83	3	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	9.80	98	9.70	97	1	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.4	104	10.2	102	2	75 - 124	20	
1,3-Dichloropropane		10.0	9.45	94	9.53	95	1	73 - 126	20	
1,4-Dichlorobenzene		10.0	9.89	99	9.84	98	1	74 - 123	20	
1-Chlorohexane		10.0	10.2	102	10.1	101	1	70 - 125	20	
2,2-Dichloropropane		10.0	9.10	91	9.22	92	1	69 - 137	20	
2-Butanone		20.0	15.8	79	16.6	83	5	49 - 136	20	
2-Chlorotoluene		10.0	9.39	94	9.18	92	2	73 - 126	20	
4-Chlorotoluene		10.0	9.35	94	9.13	91	2	74 - 128	20	
4-Methyl-2-pentanone		20.0	14.9	74	15.3	76	3	58 - 134	20	
Acetone		20.0	17.4	87	16.9	84	3	40 - 135	20	
Benzene		10.0	9.63	96	9.36	94	3	81 - 122	20	
Bromobenzene		10.0	10.3	103	10.2	102	1	76 - 124	20	
Bromochloromethane		10.0	10.4	104	10.2	102	3	65 - 129	20	
Bromodichloromethane		10.0	8.54	85	8.41	84	2	76 - 121	20	
Bromoform		10.0	9.70	97	9.47	95	2	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10137 **MS ID:** LCS-10137 **MSD ID:** LCSD-10137

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	9.59	96	9.31	93	3	30 - 141	20	
Carbon tetrachloride		10.0	9.42	94	9.28	93	1	66 - 138	20	
Chlorobenzene		10.0	11.2	112	11.1	111	1	81 - 122	20	
Chloroethane		10.0	10.1	101	9.78	98	4	58 - 133	20	
Chloroform		10.0	8.92	89	8.78	88	2	69 - 128	20	
Chloromethane		10.0	8.88	89	8.74	87	2	56 - 131	20	
cis-1,2-Dichloroethene		10.0	10.4	104	10.0	100	4	72 - 126	20	
cis-1,3-Dichloropropene		10.0	9.15	92	9.17	92	0	69 - 131	20	
Dibromochloromethane		10.0	10.2	102	10.0	100	2	66 - 133	20	
Dibromomethane		10.0	8.96	90	8.76	88	2	76 - 125	20	
Dichlorodifluoromethane		10.0	10.3	103	10.1	101	2	30 - 153	20	
Ethylbenzene		10.0	10.6	106	10.3	103	3	73 - 127	20	
Hexachlorobutadiene		10.0	9.26	93	9.13	91	1	67 - 131	20	
Isopropylbenzene		10.0	10.2	102	10.1	101	1	75 - 127	20	
Methyl tert-butyl ether		10.0	9.42	94	9.25	92	2	65 - 123	20	
Methylene chloride		10.0	9.68	97	9.41	94	3	63 - 137	20	
n-Butylbenzene		10.0	8.66	87	8.55	86	1	69 - 137	20	
n-Propylbenzene		10.0	9.69	97	9.56	96	1	72 - 129	20	
Naphthalene		10.0	10.6	106	10.7	107	1	54 - 138	20	
o-Xylene		10.0	10.9	109	10.8	108	1	80 - 121	20	
p-Isopropyltoluene		10.0	10.2	102	10.0	100	2	73 - 130	20	
sec-Butylbenzene		10.0	10.3	103	10.1	101	2	72 - 127	20	
Styrene		10.0	9.87	99	9.61	96	3	65 - 134	20	
tert-Butylbenzene		10.0	9.96	100	9.75	98	2	70 - 129	20	
Tetrachloroethene		10.0	11.9	119	11.5	115	3	66 - 128	20	
Toluene		10.0	10.4	104	10.2	102	2	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.4	104	10.3	103	1	63 - 137	20	
trans-1,3-Dichloropropene		10.0	9.05	90	9.02	90	0	59 - 135	20	
Trichloroethene		10.0	9.73	97	9.33	93	4	70 - 127	20	
Trichlorofluoromethane		10.0	8.86	89	8.84	88	0	57 - 129	20	
Vinyl chloride		10.0	9.83	98	9.59	96	2	50 - 134	20	
Xylenes (total)		30.0	33.5	112	32.7	109	2	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10163

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10163 **MS ID:** LCS-10163 **MSD ID:** LCSD-10163

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	22.4	112	22.8	114	2	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	11.8	118	11.5	115	3	81 - 129	20	
1,1,1-Trichloroethane		10.0	10.4	104	10.5	105	1	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	8.08	81	8.30	83	3	63 - 128	20	
1,1,2-Trichloroethane		10.0	9.41	94	9.56	96	2	75 - 125	20	
1,1-Dichloroethane		10.0	8.44	84	8.27	83	2	69 - 133	20	
1,1-Dichloroethene		10.0	10.8	108	10.8	108	0	68 - 130	20	
1,1-Dichloropropene		10.0	9.40	94	9.25	92	2	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	10.2	102	10.1	101	1	67 - 137	20	
1,2,3-Trichloropropane		10.0	8.50	85	8.01	80	6	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	9.65	97	9.99	100	3	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	9.26	93	9.44	94	2	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	8.25	82	8.47	85	3	50 - 132	20	
1,2-Dibromoethane		10.0	11.2	112	11.3	113	1	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.2	102	10.3	103	1	71 - 122	20	
1,2-Dichloroethane		10.0	9.14	91	8.97	90	2	69 - 132	20	
1,2-Dichloropropane		10.0	7.79	78	7.80	78	0	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	9.17	92	9.51	95	4	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.2	102	10.5	105	4	75 - 124	20	
1,3-Dichloropropane		10.0	9.11	91	9.45	94	4	73 - 126	20	
1,4-Dichlorobenzene		10.0	9.66	97	9.99	100	3	74 - 123	20	
1-Chlorohexane		10.0	10.0	100	10.1	101	1	70 - 125	20	
2,2-Dichloropropane		10.0	9.48	95	10.0	100	6	69 - 137	20	
2-Butanone		20.0	15.6	78	16.0	80	2	49 - 136	20	
2-Chlorotoluene		10.0	8.79	88	8.99	90	2	73 - 126	20	
4-Chlorotoluene		10.0	8.72	87	8.96	90	3	74 - 128	20	
4-Methyl-2-pentanone		20.0	15.1	76	15.2	76	0	58 - 134	20	
Acetone		20.0	19.5	97	19.3	96	1	40 - 135	20	
Benzene		10.0	8.94	89	8.93	89	0	81 - 122	20	
Bromobenzene		10.0	10.2	103	10.4	104	1	76 - 124	20	
Bromochloromethane		10.0	11.3	113	11.1	111	2	65 - 129	20	
Bromodichloromethane		10.0	9.26	93	9.05	90	2	76 - 121	20	
Bromoform		10.0	10.6	106	10.7	107	1	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10163

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10163 **MS ID:** LCS-10163 **MSD ID:** LCSD-10163

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	9.80	98	10.3	103	5	30 - 141	20	
Carbon tetrachloride		10.0	10.6	106	10.5	105	2	66 - 138	20	
Chlorobenzene		10.0	11.4	114	11.6	116	2	81 - 122	20	
Chloroethane		10.0	10.2	102	10.0	100	2	58 - 133	20	
Chloroform		10.0	9.47	95	9.35	94	1	69 - 128	20	
Chloromethane		10.0	8.23	82	8.32	83	1	56 - 131	20	
cis-1,2-Dichloroethene		10.0	10.3	103	10.2	102	1	72 - 126	20	
cis-1,3-Dichloropropene		10.0	9.11	91	9.01	90	1	69 - 131	20	
Dibromochloromethane		10.0	11.2	112	11.3	113	1	66 - 133	20	
Dibromomethane		10.0	9.42	94	9.41	94	0	76 - 125	20	
Dichlorodifluoromethane		10.0	11.3	113	11.5	115	2	30 - 153	20	
Ethylbenzene		10.0	10.3	103	10.6	106	3	73 - 127	20	
Hexachlorobutadiene		10.0	9.48	95	9.61	96	1	67 - 131	20	
Isopropylbenzene		10.0	9.67	97	9.81	98	1	75 - 127	20	
Methyl tert-butyl ether		10.0	9.73	97	9.55	96	2	65 - 123	20	
Methylene chloride		10.0	9.02	90	9.15	92	1	63 - 137	20	
n-Butylbenzene		10.0	8.02	80	8.28	83	3	69 - 137	20	
n-Propylbenzene		10.0	8.98	90	9.25	92	3	72 - 129	20	
Naphthalene		10.0	10.6	106	10.7	107	1	54 - 138	20	
o-Xylene		10.0	10.8	108	11.1	111	2	80 - 121	20	
p-Isopropyltoluene		10.0	9.82	98	10.1	101	3	73 - 130	20	
sec-Butylbenzene		10.0	9.64	96	10.1	101	4	72 - 127	20	
Styrene		10.0	9.63	96	10.1	101	4	65 - 134	20	
tert-Butylbenzene		10.0	9.56	96	9.76	98	2	70 - 129	20	
Tetrachloroethene		10.0	12.4	124	12.4	124	0	66 - 128	20	
Toluene		10.0	10.1	101	10.2	102	1	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.6	106	10.5	105	0	63 - 137	20	
trans-1,3-Dichloropropene		10.0	9.47	95	9.41	94	1	59 - 135	20	
Trichloroethene		10.0	9.83	98	9.98	100	2	70 - 127	20	
Trichlorofluoromethane		10.0	10.6	106	10.5	105	1	57 - 129	20	
Vinyl chloride		10.0	9.36	94	9.48	95	1	50 - 134	20	
Xylenes (total)		30.0	33.2	111	33.9	113	2	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10031

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TB08	0706129-001A	20-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	1.1	
AOC9-TW95-GW	0706129-002A	20-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	1.2	
AOC9-TW96-GW	0706129-003A	20-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	1.1	
AOC9-TW97-GW	0706129-004A	20-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	1.1	
AOC9-TW51-GW	0706129-005A	20-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	1	
AOC9-TW89-GW	0706129-007A	21-Jun-07	21-Jun-07	21-Jun-07			21-Jun-07	14	0.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW48-GW	0706129-006A	20-Jun-07	21-Jun-07	26-Jun-07			26-Jun-07	14	6.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10137

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW96-GW DL	0706129-003ADL	20-Jun-07	21-Jun-07	28-Jun-07			28-Jun-07	14	7.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10163

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW97-GW DL	0706129-004ADL	20-Jun-07	21-Jun-07	29-Jun-07			29-Jun-07	14	8.8	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062107A1	TB062107A1	21-Jun-07	6:45	21-Jun-07	7:14
ICAL 0.3 PPB	ICAL 0.3 PPB	21-Jun-07	7:14	21-Jun-07	7:47
ICAL 0.5 PPB	ICAL 0.5 PPB	21-Jun-07	7:47	21-Jun-07	8:19
ICAL 2.0 PPB	ICAL 2.0 PPB	21-Jun-07	8:19	21-Jun-07	8:52
ICAL 10 PPB	ICAL 10 PPB	21-Jun-07	8:52	21-Jun-07	9:25
ICAL 20 PPB	ICAL 20 PPB	21-Jun-07	9:25	21-Jun-07	9:58
ICAL 30 PPB	ICAL 30 PPB	21-Jun-07	9:58	21-Jun-07	10:30
ICAL 40 PPB	ICAL 40 PPB	21-Jun-07	10:30	21-Jun-07	11:36
ICV-10014	ICV-10014	21-Jun-07	11:36	21-Jun-07	11:36
TB062107A2	TB062107A2	21-Jun-07	12:35	21-Jun-07	13:05
CCV-10031	CCV-10031	21-Jun-07	13:05	21-Jun-07	13:38
LCS-10031	LCS-10031	21-Jun-07	13:38	21-Jun-07	15:50
MB-10031	MB-10031	21-Jun-07	15:50	21-Jun-07	16:56
AOC9-TB08	0706129-001A	21-Jun-07	16:56	21-Jun-07	17:29
AOC9-TW51-GW	0706129-005A	21-Jun-07	17:29	21-Jun-07	18:35
AOC9-TW89-GW	0706129-007A	21-Jun-07	18:35	21-Jun-07	19:08
AOC9-TW95-GW	0706129-002A	21-Jun-07	19:08	21-Jun-07	19:41
AOC9-TW96-GW	0706129-003A	21-Jun-07	19:41	21-Jun-07	20:15
AOC9-TW97-GW	0706129-004A	21-Jun-07	20:15	21-Jun-07	20:15
TB062607A1	TB062607A1	26-Jun-07	13:24	26-Jun-07	13:54
CCV-10095	CCV-10095	26-Jun-07	13:54	26-Jun-07	14:27
LCS-10095	LCS-10095	26-Jun-07	14:27	26-Jun-07	15:00
LCSD-10095	LCSD-10095	26-Jun-07	15:00	26-Jun-07	16:05
MB-10095	MB-10095	26-Jun-07	16:05	26-Jun-07	21:02
AOC9-TW48-GW	0706129-006A	26-Jun-07	21:02	26-Jun-07	21:02
TB062807A1	TB062807A1	28-Jun-07	7:30	28-Jun-07	8:00
CCV-10137	CCV-10137	28-Jun-07	8:00	28-Jun-07	8:33
LCS-10137	LCS-10137	28-Jun-07	8:33	28-Jun-07	9:05
LCSD-10137	LCSD-10137	28-Jun-07	9:05	28-Jun-07	10:11
MB-10137	MB-10137	28-Jun-07	10:11	28-Jun-07	15:09
AOC9-TW96-GW DL	0706129-003ADL	28-Jun-07	15:09	28-Jun-07	15:09
TB062907A1	TB062907A1	29-Jun-07	9:45	29-Jun-07	10:15
CCV-10163	CCV-10163	29-Jun-07	10:15	29-Jun-07	10:48
LCS-10163	LCS-10163	29-Jun-07	10:48	29-Jun-07	11:21
LCSD-10163	LCSD-10163	29-Jun-07	11:21	29-Jun-07	11:53
MB-10163	MB-10163	29-Jun-07	11:53	29-Jun-07	13:00
AOC9-TW97-GW DL	0706129-004ADL	29-Jun-07	13:00	29-Jun-07	13:00

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070621A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/21/2007 6:45:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9024.D
Compound:	SW8260B	**Sample ID:**	TB062107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.2	
75	30 - 60% of m/z 95	54.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	85.9	
175	5 - 9% of m/z 174	7.6	
176	Greater than 95% but less than 101% of m/z 174	97.6	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070621C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/21/2007 12:35:00 PM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9033.D
Compound:	SW8260B	**Sample ID:**	TB062107A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	19.7	
75	30 - 60% of m/z 95	52.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	87.4	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.4	
177	5 - 9% of m/z 176	7.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070626B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/26/2007 1:24:00 PM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9181.D
Compound:	SW8260B	**Sample ID:**	TB062607A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	16.0	
75	30 - 60% of m/z 95	44.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.2	
174	Greater than 50% of m/z 95	91.7	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070628B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/28/2007 7:30:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9227.D
Compound:	SW8260B	**Sample ID:**	TB062807A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.7	
75	30 - 60% of m/z 95	54.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.4	
173	Less than 2% of m/z 174	0.9	
174	Greater than 50% of m/z 95	66.2	
175	5 - 9% of m/z 174	8.0	
176	Greater than 95% but less than 101% of m/z 174	95.5	
177	5 - 9% of m/z 176	7.9	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070629A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/29/2007 9:45:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9268.D
Compound:	SW8260B	**Sample ID:**	TB062907A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.1	
75	30 - 60% of m/z 95	50.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	97.3	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	99.1	
177	5 - 9% of m/z 176	6.5	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Tuesday, July 10, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0706136, 0706146

Dear Robert Meyers:

Life Science Laboratories, Inc. received samples on 6/22/2007 and 6/25/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt.. The temperatures of the coolers were -3.2°C and -0.2°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Percent Moisture	ASTM D2216	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: 311

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706136, 0706146
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): JD 7-11-07

Supervisor/Reviewed by (Initials/Date): JD 7-11-07

QA/QC Review (Initials/Date): MP 7/11/07

File Name: G:\Narratives\MSVoa\0706136vnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-502.2, 105 m x 0.53 mm ID and a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column, both with a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples were preserved.

Laboratory Control Sample
The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS-10091	Naphthalene	1

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in associated samples. Sample results may be biased high. No corrective action was taken.

MS/MSD/MSB
The following compound(s) did not meet matrix spike/matrix spike duplicate percent recovery criteria:

Sample Description	Sample #	Compound	%REC	RPD	Corrective Action
AOC9-SB11-1(11.5')	0704146-001B	1,4-Dichlorobenzene	X		1
		Chlorobenzene	X		1

1 The recovery for this compound in the associated LCS was within acceptance limits. The concentration of the analyte in the sample was greater than the concentration of the analyte spiked, which may have biased recoveries. No corrective action was taken.

Surrogate Standards
The following sample(s) did not meet surrogate recovery criteria:

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706136, 0706146
Methodology: 8260B

Sample Description	Sample #	Surrogate	Corrective Action
AOC9-SB06-1 (7.5')	0706136-001A	Toluene-d8	1
		4-Bromofluorobenzene	1
AOC9-SB07-2 (12.5')	0706136-004A	Toluene-d8	1
		4-Bromofluorobenzene	1
AOC9-SB07-2 (12.5') DL	0706136-004ADL	4-Bromofluorobenzene	1
AOC9-SB08-1 (9.0'), DL	0706136-005A/005ADL	Toluene-d8	1
		4-Bromofluorobenzene	1
AOC9-SB09-1 (11.5'), RA	0706136-006A/006ARA	Toluene-d8	1
		4-Bromofluorobenzene	1
AOC9-SB10-1 (16.5')	0706136-008A	4-Bromofluorobenzene	1
AOC9-SB10-1 (16.5') DL	0706136-008ADL	Toluene-d8	1
		4-Bromofluorobenzene	1
AOC9-SB11-1 (11.5')	0706146-001B	4-Bromofluorobenzene	1
AOC9-SB11-1 (11.5') DL	0706146-001BDL	Toluene-d8	1
AOC9-SB12-1 (12')	0706146-003B	4-Bromofluorobenzene	1
AOC9-SB12-1 (12') DL	0706146-003BDL	Dibromofluoromethane	1
		Toluene-d8	1
		4-Bromofluorobenzene	1
AOC9-SB12-1/D (12')	0706146-004B	4-Bromofluorobenzene	1
AOC9-SB12-1/D (12') DL	0706146-004B DL	Dibromofluoromethane	1
		4-Bromofluorobenzene	1
MB-5630	MB-5630	Toluene-d8	2

1 Most samples were reanalyzed at a higher dilution to confirm failures. Matrix interference is suspected. No corrective action was taken.

2 The recovery marginally exceeded the upper control limit and no target analytes were detected. No corrective action was taken.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
The following initial calibration verification compound exceeded method percent deviation criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
ICV-10081	MS#2	Dichlorodifluoromethane	-34.9 %		1

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706136, 0706146
Methodology: 8260B

The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-10057	MS1	1,1,2,2-Tetrachloroethane	25.0		2
CCV-10059	MS3	Dichlorodifluoromethane	22.5		2
		Chloroethane	-64.6		3
		Trichlorofluoromethane	-42.6		3
CCV-10077	MS1	2,2-Dichloropropane	26.1		1
		1,2-Dibromo-3-chloropropane	23.6		2
CCV-10095	MS1	Tetrachloroethene	-22.1		3
		(m+p)-Xylene	-22.1		3
		o-Xylene	-22.1		3

1 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The recovery marginally exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

3 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Preparation Blanks
The following compound(s) were detected in the following preparation blank(s):

Preparation Blank	Compound	Concentration	Corrective Action
MB-10069	Methylene chloride	0.00253 mg/Kg	1
MB-10091	Methylene chloride	0.00365 mg/Kg	1

1 This analyte is a common lab contaminant and the concentration is less than the RL.

Life Science Laboratories, Inc.

Date: *10-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706136

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706136-001A	AOC9-SB06-1 (7.5')		6/21/2007	6/22/2007
0706136-001B	AOC9-SB06-1 (7.5')		6/21/2007	6/22/2007
0706136-001C	AOC9-SB06-1 (7.5')		6/21/2007	6/22/2007
0706136-002A	AOC9-SB06-2 (10.5')		6/21/2007	6/22/2007
0706136-002B	AOC9-SB06-2 (10.5')		6/21/2007	6/22/2007
0706136-002C	AOC9-SB06-2 (10.5')		6/21/2007	6/22/2007
0706136-003A	AOC9-SB07-1 (7.0')		6/21/2007	6/22/2007
0706136-003C	AOC9-SB07-1 (7.0')		6/21/2007	6/22/2007
0706136-004A	AOC9-SB07-2 (12.5')		6/21/2007	6/22/2007
0706136-004B	AOC9-SB07-2 (12.5')		6/21/2007	6/22/2007
0706136-004C	AOC9-SB07-2 (12.5')		6/21/2007	6/22/2007
0706136-005A	AOC9-SB08-1 (9.0')		6/21/2007	6/22/2007
0706136-005B	AOC9-SB08-1 (9.0')		6/21/2007	6/22/2007
0706136-005C	AOC9-SB08-1 (9.0')		6/21/2007	6/22/2007
0706136-006A	AOC9-SB09-1 (11.5')		6/22/2007	6/22/2007
0706136-006B	AOC9-SB09-1 (11.5')		6/22/2007	6/22/2007
0706136-006C	AOC9-SB09-1 (11.5')		6/22/2007	6/22/2007
0706136-007A	AOC9-SB09-2 (16.0')		6/22/2007	6/22/2007
0706136-007B	AOC9-SB09-2 (16.0')		6/22/2007	6/22/2007
0706136-007C	AOC9-SB09-2 (16.0')		6/22/2007	6/22/2007
0706136-008A	AOC9-SB10-1 (16.5')		6/22/2007	6/22/2007
0706136-008B	AOC9-SB10-1 (16.5')		6/22/2007	6/22/2007
0706136-008C	AOC9-SB10-1 (16.5')		6/22/2007	6/22/2007
0706136-009A	AOC9-SB10-2 (20.5')		6/22/2007	6/22/2007
0706136-009B	AOC9-SB10-2 (20.5')		6/22/2007	6/22/2007
0706136-009C	AOC9-SB10-2 (20.5')		6/22/2007	6/22/2007

Life Science Laboratories, Inc.

Date: *10-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706146

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706146-001A	AOC9-SB11-1 (11.5')		6/25/2007	6/25/2007
0706146-001B	AOC9-SB11-1 (11.5')		6/25/2007	6/25/2007
0706146-001C	AOC9-SB11-1 (11.5')		6/25/2007	6/25/2007
0706146-002A	AOC9-SB11-2 (15.5')		6/25/2007	6/25/2007
0706146-002B	AOC9-SB11-2 (15.5')		6/25/2007	6/25/2007
0706146-002C	AOC9-SB11-2 (15.5')		6/25/2007	6/25/2007
0706146-003A	AOC9-SB12-1 (12')		6/25/2007	6/25/2007
0706146-003B	AOC9-SB12-1 (12')		6/25/2007	6/25/2007
0706146-003C	AOC9-SB12-1 (12')		6/25/2007	6/25/2007
0706146-004A	AOC9-SB12-1/D (12')		6/25/2007	6/25/2007
0706146-004B	AOC9-SB12-1/D (12')		6/25/2007	6/25/2007
0706146-004C	AOC9-SB12-1/D (12')		6/25/2007	6/25/2007
0706146-005A	AOC9-SB12-2 (15.5')		6/25/2007	6/25/2007
0706146-005B	AOC9-SB12-2 (15.5')		6/25/2007	6/25/2007
0706146-005C	AOC9-SB12-2 (15.5')		6/25/2007	6/25/2007

Life Science Laboratories, Inc.

Lab Order: 0706136
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706136-001A	AOC9-SB06-1 (7.5')	6/21/2007 1:50:00 PM	Soil	Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	6/26/2007
0706136-001C				Percent Moisture			6/22/2007
0706136-002A	AOC9-SB06-2 (10.5')	6/21/2007 2:00:00 PM		Volatile Organic Compounds by GC/MS			6/22/2007
				Volatile Organic Compounds by GC/MS			6/27/2007
0706136-002C				Percent Moisture			6/22/2007
0706136-003A	AOC9-SB07-1 (7.0')	6/21/2007 3:10:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	6/26/2007
0706136-003C				Percent Moisture			6/22/2007
0706136-004A	AOC9-SB07-2 (12.5')	6/21/2007 3:30:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/23/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/26/2007
0706136-004C				Percent Moisture			6/22/2007
0706136-005A	AOC9-SB08-1 (9.0')	6/21/2007 5:25:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/26/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/23/2007
0706136-005C				Percent Moisture			6/22/2007
0706136-006A	AOC9-SB09-1 (11.5')	6/22/2007 7:15:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/26/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/23/2007
0706136-006C				Percent Moisture			6/22/2007
0706136-007A	AOC9-SB09-2 (16.0')	6/22/2007 7:30:00 AM		Volatile Organic Compounds by GC/MS			6/22/2007
				Volatile Organic Compounds by GC/MS			6/27/2007
0706136-007C				Percent Moisture			6/22/2007
0706136-008A	AOC9-SB10-1 (16.5')	6/22/2007 8:25:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/23/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/22/2007	6/26/2007
0706136-008C				Percent Moisture			6/22/2007
0706136-009A	AOC9-SB10-2 (20.5')	6/22/2007 8:45:00 AM		Volatile Organic Compounds by GC/MS			6/22/2007
				Volatile Organic Compounds by GC/MS			6/27/2007

Lab Order: 0706136
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706136-009C	AOC9-SB10-2 (20.5')	6/22/2007 8:45:00 AM	Soil	Percent Moisture			6/22/2007

Life Science Laboratories, Inc.

Lab Order: 0706146
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706146-001B	AOC9-SB11-1 (11.5')	6/25/2007 11:20:00 AM	Soil	Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	7/3/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	6/26/2007
0706146-001C				Percent Moisture			6/25/2007
0706146-002A	AOC9-SB11-2 (15.5')	6/25/2007 11:45:00 AM		Volatile Organic Compounds by GC/MS			6/26/2007
0706146-002C				Percent Moisture			6/25/2007
0706146-003B	AOC9-SB12-1 (12')	6/25/2007 12:30:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	7/3/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	6/26/2007
0706146-003C				Percent Moisture			6/25/2007
0706146-004B	AOC9-SB12-1/D (12')			Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	7/3/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/25/2007	6/26/2007
0706146-004C				Percent Moisture			6/25/2007
0706146-005A	AOC9-SB12-2 (15.5')	6/25/2007 12:46:00 PM		Volatile Organic Compounds by GC/MS			6/26/2007
0706146-005C				Percent Moisture			6/25/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone #(716) 684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs (Sgrum 8260 extend)	PCT's 1-4oz					Depth Ft	Readings PPM FID	Comments	PID
AOC9-SB06-1 (7.5')	6/21/07	1350	SOIL	GRAB	5	4	1					7.5	575		221
AOC9-SB06-2 (10.5')	↑	1400	|	|	5	4	1					10.5	35.8		3.70
* AOC9-SB07-1 (7.0')	|	1510	|	|	4	3	1					7.0	60		102
AOC9-SB07-2 (12.5')	↓	1530	|	|	5	4	1					12.5	228		176.8
AOC9-SB08-1 (9.0')	6/21/07	1725	SOIL	GRAB	5	4	1					9.0	547		133
AOC9-SB09-1 (11.5')	6/22/07	0715	|	|	5	4	1					11.5	150		195
AOC9-SB09-2 (16.0')	6/22/07	0730	|	|	5	4	1					16.0	0		2
AOC9-SB10-1 (16.5')	6/22/07	0825	|	|	5	4	1					16.5	315		356
AOC9-SB10-2 (20.5')	6/22/07	0845	SOIL	GRAB	5	4	1					20.5	32		2

Relinquished by: Robert A Meyers	Date: 6/22/07	Time: 1140	Received by: Monika Sankucci	Date: 6/22/07	Time: 1140
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab:	Date: 6/22/07	Time: 1140
Shipment Method:			Airbill Number:		

Turnaround Time Required:

Routine

Rush (Specify) 24 hr.

Temperature: 8.6°C = 3.2°C ON ICE

CUSTODY SEAL INTACT

Comments: * NOT ENOUGH SAMPLE TO FILL 1-4oz JAR (DEPTH 7.0) AOC9-SB07-1

12

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E** Date and Time Received: **6/22/2007 11:40:00 AM**

Work Order Number **0706136** Received by: ads

Checklist completed by: _____ 6/22/07 Reviewed by: MJ 6/22/07
Initials Date Initials Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E&E Griffiss 0706136

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706136-001→009	A		ABM	6/22/07 14:00	8260	6/22/07 14:30
0706136-001→009	C		KW	6/22/07 16:10	PAH's/SIM	6/22/07 16:30

KW 6/22/07

Client/Project FPM - Griffiss AFB ~~060~~ 0706136

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706136- 001-006	F	TMCUM0227EA LF6SW0201EA LF6SW0301EA	DBg	12:45 6/22/07	IS 9056 cl, ol	16:00 6/22/07
~~004-006, 008~~	I	LF6LH0101EA LF6LH0201EA 062507EE	↓ ↓	↓	↓ ↓	↓
004-006, 008	A		DMB	15:20 6/22/07	8260W	NR

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684 8060

Sample Description						Analysis/Method								
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	VOC's 8260 Storm EN Core	PCT's					Depth (Ft.)	READING's PPM F.D	Comments	P.D
AOC9-SB11-1 (11.5')	6/25/07	1120	Soil	Grab	15	12	3		MS/MSD			11.5	494		246
AOC9-SB11-2 (15.5')		1145			5	4	1					15.5	0		1.9
AOC9-SB12-1 (12')		1230			5	4	1					12	1711		821
AOC9-SB12-1/D (12')		1230			5	4	1					12	1711		821
AOC9-SB12-2 (15.5')	6/25/07	1246	Soil	Grab	5	4	1					15.5	0		.41

Relinquished by: Robert a Meyers	Date: 6-25-07 Time: 1320	Received by: [signature]	Date: 6/25/07 Time: 1320
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by: [signature]	Date: 6/25/07 Time: 1420	Received by Lab: [signature]	Date: 6/25/07 Time: 1420
Shipment Method:		Airbill Number:	

Turnaround Time Required:

Routine

Rush (Specify) 24 hr.

Temperature: 5.4°C on ice

Comments:

Temperature Blank -0.2°C

Custody Seal INTACT

16

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E** Date and Time Received: **6/25/2007 2:20:00 PM**

Work Order Number **0706146** Received by: ads

Checklist completed by: _____ Initials 6/25/07 Date Reviewed by: MS Initials 6/25/07 Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E&E 0706146 Griffiss

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706146-001-005	C		JC	6/25/07 15:30	Pmoist	6/25/07 16:30
0706146-001→005	A		ABM	6/25/07 15:30	8260	6/25/07 16:00

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** 5630

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB07-2 (12.5')	0706136-004A
AOC9-SB07-2 (12.5') DL	0706136-004ADL
AOC9-SB08-1 (9.0')	0706136-005A
AOC9-SB08-1 (9.0') DL	0706136-005ADL
AOC9-SB09-1 (11.5')	0706136-006A
AOC9-SB09-1 (11.5') RA	0706136-006ARA
AOC9-SB10-1 (16.5')	0706136-008A
AOC9-SB10-1 (16.5') DL	0706136-008ADL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/10/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: 5645

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB06-1 (7.5')	0706136-001A
AOC9-SB07-1 (7.0')	0706136-003A
AOC9-SB11-1 (11.5')	0706146-001B
AOC9-SB11-1 (11.5') DL	0706146-001BDL
AOC9-SB11-1 (11.5')	0706146-001BMS
AOC9-SB11-1 (11.5')	0706146-001BMSD
AOC9-SB12-1 (12')	0706146-003B
AOC9-SB12-1 (12') DL	0706146-003BDL
AOC9-SB12-1/D (12')	0706146-004B
AOC9-SB12-1/D (12') DL	0706146-004BDL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/10/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method:	SW8260B	**AAB #:**	R10059
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Base/Command:		**Prime Contractor:**	Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB06-2 (10.5')	0706136-002A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/10/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R10069

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB11-2 (15.5')	0706146-002A
AOC9-SB12-2 (15.5')	0706146-005A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/10/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R10091

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB06-2 (10.5') DL	0706136-002ADL
AOC9-SB09-2 (16.0')	0706136-007A
AOC9-SB10-2 (20.5')	0706136-009A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/10/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-1 (7.5')	**Lab Sample ID:**	0706136-001A	**Matrix:**	Soil
% Solids:	85.80	**Initial Calibration ID:**	986	**File ID:**	T9198.D
Date Received:	22-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.242	9.32	0.242	16		U
1,1,1,2-Tetrachloroethane	0.298	5.59	0.298	16		U
1,1,1-Trichloroethane	0.261	9.32	0.261	16		U
1,1,2,2-Tetrachloroethane	0.261	5.59	0.261	16		U
1,1,2-Trichloroethane	0.466	9.32	0.466	16		U
1,1-Dichloroethane	0.149	9.32	0.149	16		U
1,1-Dichloroethene	0.280	11.2	0.280	16		U
1,1-Dichloropropene	0.354	9.32	0.354	16		U
1,2,3-Trichlorobenzene	0.765	9.32	0.765	16		U
1,2,3-Trichloropropane	0.429	9.32	0.429	16		U
1,2,4-Trichlorobenzene	0.615	9.32	0.615	16		U
1,2,4-Trimethylbenzene	0.112	11.2	1.40	16		FJ
1,2-Dibromo-3-chloropropane	0.578	18.6	0.578	16		U
1,2-Dibromoethane	0.149	9.32	0.149	16		U
1,2-Dichlorobenzene	0.112	9.32	1.12	16		FJ
1,2-Dichloroethane	0.205	5.59	0.205	16		U
1,2-Dichloropropane	0.410	9.32	0.410	16		U
1,3,5-Trimethylbenzene	0.149	9.32	0.149	16		U
1,3-Dichlorobenzene	0.205	11.2	0.205	16		U
1,3-Dichloropropane	0.168	4.66	0.168	16		U
1,4-Dichlorobenzene	0.112	4.66	0.112	16		U
1-Chlorohexane	0.298	9.32	0.298	16		U
2,2-Dichloropropane	0.242	9.32	0.242	16		U
2-Butanone	0.783	37.3	0.783	16		U
2-Chlorotoluene	0.0746	9.32	0.0746	16		U
4-Chlorotoluene	0.131	9.32	0.131	16		U
4-Methyl-2-pentanone	0.597	37.3	0.597	16		U
Acetone	0.559	93.2	0.559	16		U
Benzene	0.0932	4.66	0.0932	16		U
Bromobenzene	0.280	9.32	0.280	16		U
Bromochloromethane	0.373	9.32	0.373	16		U
Bromodichloromethane	0.112	4.66	0.112	16		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-1 (7.5')	**Lab Sample ID:**	0706136-001A	**Matrix:**	Soil
% Solids:	85.80	**Initial Calibration ID:**	986	**File ID:**	T9198.D
Date Received:	22-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.317	11.2	0.317	16		U
Bromomethane	0.242	18.6	0.242	16		U
Carbon tetrachloride	0.224	9.32	0.224	16		U
Chlorobenzene	0.131	4.66	4.10	16		FJ
Chloroethane	0.466	9.32	0.466	16		U
Chloroform	0.131	4.66	0.131	16		U
Chloromethane	0.578	9.32	0.578	16		U
cis-1,2-Dichloroethene	0.298	9.32	0.298	16		U
cis-1,3-Dichloropropene	0.168	5.59	0.168	16		U
Dibromochloromethane	0.131	5.59	0.131	16		U
Dibromomethane	0.224	9.32	0.224	16		U
Dichlorodifluoromethane	0.149	9.32	0.149	16		U
Ethylbenzene	0.242	9.32	0.242	16		U
Hexachlorobutadiene	0.709	5.59	0.709	16		U
Isopropylbenzene	0.0932	9.32	0.0932	16		U
Methyl tert-butyl ether	0.242	37.3	0.242	16		U
Methylene chloride	1.12	9.32	1.12	16		U
n-Butylbenzene	0.242	9.32	9.70	16		J
n-Propylbenzene	0.0559	9.32	0.0559	16		U
Naphthalene	0.392	9.32	9.14	16		FJ
o-Xylene	0.317	9.32	0.317	16		U
p-Isopropyltoluene	0.317	11.2	13.7	16		J
sec-Butylbenzene	0.0932	9.32	9.98	16		J
Styrene	0.224	9.32	0.224	16		U
tert-Butylbenzene	0.149	9.32	0.149	16		U
Tetrachloroethene	0.205	9.32	0.205	16		U
Toluene	0.0932	9.32	0.0932	16		U
trans-1,2-Dichloroethene	0.224	9.32	0.224	16		U
trans-1,3-Dichloropropene	0.280	9.32	0.280	16		U
Trichloroethene	0.224	9.32	0.224	16		U
Trichlorofluoromethane	0.149	9.32	0.149	16		U
Vinyl chloride	0.242	9.32	0.242	16		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-1 (7.5')	**Lab Sample ID:**	0706136-001A	**Matrix:**	Soil
% Solids:	85.80	**Initial Calibration ID:**	986	**File ID:**	T9198.D
Date Received:	22-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.559	18.6	0.559	16		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	80	52 - 149	
4-Bromofluorobenzene	189	84 - 118	*
Dibromofluoromethane	88	65 - 135	
Toluene-d8	117	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	726911	353482 - 1413926	
Chlorobenzene-d5	729162	383378 - 1533514	
Fluorobenzene	1779551	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10059
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-2 (10.5')	**Lab Sample ID:**	0706136-002A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	963	**File ID:**	J3342.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.16 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00582	0.00373	0.97		F
1,1,1,2-Tetrachloroethane	0.00019	0.00349	0.00019	0.97		U
1,1,1-Trichloroethane	0.00016	0.00582	0.00016	0.97		U
1,1,2,2-Tetrachloroethane	0.00016	0.00349	0.00016	0.97		U
1,1,2-Trichloroethane	0.00029	0.00582	0.00029	0.97		U
1,1-Dichloroethane	0.00009	0.00582	0.00009	0.97		U
1,1-Dichloroethene	0.00017	0.00699	0.00017	0.97		U
1,1-Dichloropropene	0.00022	0.00582	0.00022	0.97		U
1,2,3-Trichlorobenzene	0.00048	0.00582	0.00048	0.97		U
1,2,3-Trichloropropane	0.00027	0.00582	0.00027	0.97		U
1,2,4-Trichlorobenzene	0.00038	0.00582	0.00199	0.97		F
1,2,4-Trimethylbenzene	0.00007	0.00699	0.0772	0.97		
1,2-Dibromo-3-chloropropane	0.00036	0.0116	0.00036	0.97		U
1,2-Dibromoethane	0.00009	0.00582	0.00009	0.97		U
1,2-Dichlorobenzene	0.00007	0.00582	0.526	0.97		J
1,2-Dichloroethane	0.00013	0.00349	0.00013	0.97		U
1,2-Dichloropropane	0.00026	0.00582	0.00026	0.97		U
1,3,5-Trimethylbenzene	0.00009	0.00582	0.00009	0.97		U
1,3-Dichlorobenzene	0.00013	0.00699	0.0331	0.97		
1,3-Dichloropropane	0.00010	0.00291	0.00010	0.97		U
1,4-Dichlorobenzene	0.00007	0.00291	0.252	0.97		J
1-Chlorohexane	0.00019	0.00582	0.00019	0.97		U
2,2-Dichloropropane	0.00015	0.00582	0.00015	0.97		U
2-Butanone	0.00049	0.0233	0.00049	0.97		U
2-Chlorotoluene	0.00005	0.00582	0.00005	0.97		U
4-Chlorotoluene	0.00008	0.00582	0.00008	0.97		U
4-Methyl-2-pentanone	0.00037	0.0233	0.00037	0.97		U
Acetone	0.00035	0.0582	0.00035	0.97		U
Benzene	0.00006	0.00291	0.0178	0.97		
Bromobenzene	0.00017	0.00582	0.00017	0.97		U
Bromochloromethane	0.00023	0.00582	0.00023	0.97		U
Bromodichloromethane	0.00007	0.00291	0.00007	0.97		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10059
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-2 (10.5')	**Lab Sample ID:**	0706136-002A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	963	**File ID:**	J3342.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.16 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00699	0.00020	0.97		U
Bromomethane	0.00015	0.0116	0.00015	0.97		U
Carbon tetrachloride	0.00014	0.00582	0.00014	0.97		U
Chlorobenzene	0.00008	0.00291	0.305	0.97		J
Chloroethane	0.00029	0.00582	0.00029	0.97		U
Chloroform	0.00008	0.00291	0.00008	0.97		U
Chloromethane	0.00036	0.00582	0.00036	0.97		U
cis-1,2-Dichloroethene	0.00019	0.00582	0.134	0.97		
cis-1,3-Dichloropropene	0.00010	0.00349	0.00010	0.97		U
Dibromochloromethane	0.00008	0.00349	0.00008	0.97		U
Dibromomethane	0.00014	0.00582	0.00014	0.97		U
Dichlorodifluoromethane	0.00009	0.00582	0.00009	0.97		UQ
Ethylbenzene	0.00015	0.00582	0.00547	0.97		F
Hexachlorobutadiene	0.00044	0.00349	0.00044	0.97		U
Isopropylbenzene	0.00006	0.00582	0.0202	0.97		
Methyl tert-butyl ether	0.00015	0.0233	0.00015	0.97		U
Methylene chloride	0.00070	0.00582	0.00070	0.97		U
n-Butylbenzene	0.00015	0.00582	0.0230	0.97		
n-Propylbenzene	0.00003	0.00582	0.0136	0.97		
Naphthalene	0.00024	0.00582	0.0140	0.97		
o-Xylene	0.00020	0.00582	0.0237	0.97		
p-Isopropyltoluene	0.00020	0.00699	0.0124	0.97		
sec-Butylbenzene	0.00006	0.00582	0.0175	0.97		
Styrene	0.00014	0.00582	0.00014	0.97		U
tert-Butylbenzene	0.00009	0.00582	0.00321	0.97		F
Tetrachloroethene	0.00013	0.00582	0.00013	0.97		U
Toluene	0.00006	0.00582	0.00006	0.97		U
trans-1,2-Dichloroethene	0.00014	0.00582	0.00921	0.97		
trans-1,3-Dichloropropene	0.00017	0.00582	0.00017	0.97		U
Trichloroethene	0.00014	0.00582	0.00014	0.97		U
Trichlorofluoromethane	0.00009	0.00582	0.00009	0.97		U
Vinyl chloride	0.00015	0.00582	0.0526	0.97		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10059
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-2 (10.5')	**Lab Sample ID:**	0706136-002A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	963	**File ID:**	J3342.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.16 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00582	0.0274	0.97		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	91	52 - 149	
4-Bromofluorobenzene	109	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2450035	1059709 - 4238836	
Chlorobenzene-d5	3733995	1579958 - 6319834	
Fluorobenzene	10160336	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-2 (10.5') DL	**Lab Sample ID:**	0706136-002ADL	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	990	**File ID:**	J3431.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00078	0.0300	0.00078	5		U
1,1,1,2-Tetrachloroethane	0.00096	0.0180	0.00096	5		U
1,1,1-Trichloroethane	0.00084	0.0300	0.00084	5		U
1,1,2,2-Tetrachloroethane	0.00084	0.0180	0.00084	5		U
1,1,2-Trichloroethane	0.00150	0.0300	0.00150	5		U
1,1-Dichloroethane	0.00048	0.0300	0.00048	5		U
1,1-Dichloroethene	0.00090	0.0360	0.00090	5		U
1,1-Dichloropropene	0.00114	0.0300	0.00114	5		U
1,2,3-Trichlorobenzene	0.00246	0.0300	0.00246	5		U
1,2,3-Trichloropropane	0.00138	0.0300	0.00138	5		U
1,2,4-Trichlorobenzene	0.00198	0.0300	0.00198	5		U
1,2,4-Trimethylbenzene	0.00036	0.0360	0.0243	5		F
1,2-Dibromo-3-chloropropane	0.00186	0.0600	0.00186	5		U
1,2-Dibromoethane	0.00048	0.0300	0.00048	5		U
1,2-Dichlorobenzene	0.00036	0.0300	0.645	5		
1,2-Dichloroethane	0.00066	0.0180	0.00066	5		U
1,2-Dichloropropane	0.00132	0.0300	0.00132	5		U
1,3,5-Trimethylbenzene	0.00048	0.0300	0.00048	5		U
1,3-Dichlorobenzene	0.00066	0.0360	0.0121	5		F
1,3-Dichloropropane	0.00054	0.0120	0.00054	5		U
1,4-Dichlorobenzene	0.00036	0.0120	0.104	5		
1-Chlorohexane	0.00096	0.0300	0.00096	5		U
2,2-Dichloropropane	0.00078	0.0300	0.00078	5		U
2-Butanone	0.00252	0.120	0.0132	5		F
2-Chlorotoluene	0.00024	0.0300	0.00024	5		U
4-Chlorotoluene	0.00042	0.0300	0.00042	5		U
4-Methyl-2-pentanone	0.00192	0.120	0.00192	5		U
Acetone	0.00180	0.300	0.0316	5		F
Benzene	0.00030	0.0120	0.00030	5		U
Bromobenzene	0.00090	0.0300	0.00090	5		U
Bromochloromethane	0.00120	0.0300	0.00120	5		U
Bromodichloromethane	0.00036	0.0120	0.00036	5		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-2 (10.5') DL	**Lab Sample ID:**	0706136-002ADL	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	990	**File ID:**	J3431.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00102	0.0360	0.00102	5		U
Bromomethane	0.00078	0.0600	0.00078	5		U
Carbon tetrachloride	0.00072	0.0300	0.00072	5		U
Chlorobenzene	0.00042	0.0120	0.145	5		
Chloroethane	0.00150	0.0300	0.00150	5		U
Chloroform	0.00042	0.0120	0.00042	5		U
Chloromethane	0.00186	0.0300	0.00186	5		U
cis-1,2-Dichloroethene	0.00096	0.0300	0.00744	5		F
cis-1,3-Dichloropropene	0.00054	0.0180	0.00054	5		U
Dibromochloromethane	0.00042	0.0180	0.00042	5		U
Dibromomethane	0.00072	0.0300	0.00072	5		U
Dichlorodifluoromethane	0.00048	0.0300	0.00048	5		U
Ethylbenzene	0.00078	0.0300	0.00078	5		U
Hexachlorobutadiene	0.00228	0.0180	0.00228	5		U
Isopropylbenzene	0.00030	0.0300	0.00546	5		F
Methyl tert-butyl ether	0.00078	0.120	0.00078	5		U
Methylene chloride	0.00360	0.0300	0.0111	5		F
n-Butylbenzene	0.00078	0.0300	0.00444	5		F
n-Propylbenzene	0.00018	0.0300	0.00498	5		F
Naphthalene	0.00126	0.0300	0.0228	5		FQ
o-Xylene	0.00102	0.0300	0.00510	5		F
p-Isopropyltoluene	0.00102	0.0360	0.00102	5		U
sec-Butylbenzene	0.00030	0.0300	0.00348	5		F
Styrene	0.00072	0.0300	0.00072	5		U
tert-Butylbenzene	0.00048	0.0300	0.00048	5		U
Tetrachloroethene	0.00066	0.0300	0.00066	5		U
Toluene	0.00030	0.0300	0.00030	5		U
trans-1,2-Dichloroethene	0.00072	0.0300	0.00072	5		U
trans-1,3-Dichloropropene	0.00090	0.0300	0.00090	5		U
Trichloroethene	0.00072	0.0300	0.00072	5		U
Trichlorofluoromethane	0.00048	0.0300	0.00048	5		U
Vinyl chloride	0.00078	0.0300	0.00078	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB06-2 (10.5') DL	**Lab Sample ID:**	0706136-002ADL	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	990	**File ID:**	J3431.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00180	0.0300	0.00510	5		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	984124	685144 - 2740574	
Chlorobenzene-d5	1770373	1005325 - 4021300	
Fluorobenzene	4903310	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-1 (7.0')	**Lab Sample ID:**	0706136-003A	**Matrix:**	Soil
% Solids:	94.90	**Initial Calibration ID:**	986	**File ID:**	T9199.D
Date Received:	22-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.219	8.43	0.219	16		U
1,1,1,2-Tetrachloroethane	0.270	5.06	0.270	16		U
1,1,1-Trichloroethane	0.236	8.43	0.236	16		U
1,1,2,2-Tetrachloroethane	0.236	5.06	0.236	16		U
1,1,2-Trichloroethane	0.421	8.43	0.421	16		U
1,1-Dichloroethane	0.135	8.43	0.135	16		U
1,1-Dichloroethene	0.253	10.1	0.253	16		U
1,1-Dichloropropene	0.320	8.43	0.320	16		U
1,2,3-Trichlorobenzene	0.691	8.43	0.691	16		U
1,2,3-Trichloropropane	0.388	8.43	0.388	16		U
1,2,4-Trichlorobenzene	0.556	8.43	0.556	16		U
1,2,4-Trimethylbenzene	0.101	10.1	4.38	16		F
1,2-Dibromo-3-chloropropane	0.523	16.9	0.523	16		U
1,2-Dibromoethane	0.135	8.43	0.135	16		U
1,2-Dichlorobenzene	0.101	8.43	2.28	16		F
1,2-Dichloroethane	0.185	5.06	0.185	16		U
1,2-Dichloropropane	0.371	8.43	0.371	16		U
1,3,5-Trimethylbenzene	0.135	8.43	1.43	16		F
1,3-Dichlorobenzene	0.185	10.1	0.185	16		U
1,3-Dichloropropane	0.152	4.21	0.152	16		U
1,4-Dichlorobenzene	0.101	4.21	3.62	16		F
1-Chlorohexane	0.270	8.43	0.270	16		U
2,2-Dichloropropane	0.219	8.43	0.219	16		U
2-Butanone	0.708	33.7	0.708	16		U
2-Chlorotoluene	0.0674	8.43	0.0674	16		U
4-Chlorotoluene	0.118	8.43	0.118	16		U
4-Methyl-2-pentanone	0.540	33.7	0.540	16		U
Acetone	0.506	84.3	0.506	16		U
Benzene	0.0843	4.21	0.0843	16		U
Bromobenzene	0.253	8.43	0.253	16		U
Bromochloromethane	0.337	8.43	0.337	16		U
Bromodichloromethane	0.101	4.21	0.101	16		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-1 (7.0')	**Lab Sample ID:**	0706136-003A	**Matrix:**	Soil
% Solids:	94.90	**Initial Calibration ID:**	986	**File ID:**	T9199.D
Date Received:	22-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.287	10.1	0.287	16		U
Bromomethane	0.219	16.9	0.219	16		U
Carbon tetrachloride	0.202	8.43	0.202	16		U
Chlorobenzene	0.118	4.21	62.6	16		
Chloroethane	0.421	8.43	0.421	16		U
Chloroform	0.118	4.21	0.118	16		U
Chloromethane	0.523	8.43	0.523	16		U
cis-1,2-Dichloroethene	0.270	8.43	0.270	16		U
cis-1,3-Dichloropropene	0.152	5.06	0.152	16		U
Dibromochloromethane	0.118	5.06	0.118	16		U
Dibromomethane	0.202	8.43	0.202	16		U
Dichlorodifluoromethane	0.135	8.43	0.135	16		U
Ethylbenzene	0.219	8.43	0.219	16		U
Hexachlorobutadiene	0.641	5.06	0.641	16		U
Isopropylbenzene	0.0843	8.43	0.0843	16		U
Methyl tert-butyl ether	0.219	33.7	0.219	16		U
Methylene chloride	1.01	8.43	1.01	16		U
n-Butylbenzene	0.219	8.43	1.10	16		F
n-Propylbenzene	0.0506	8.43	0.843	16		F
Naphthalene	0.354	8.43	4.30	16		F
o-Xylene	0.287	8.43	0.287	16		U
p-Isopropyltoluene	0.287	10.1	0.287	16		U
sec-Butylbenzene	0.0843	8.43	1.69	16		F
Styrene	0.202	8.43	0.202	16		U
tert-Butylbenzene	0.135	8.43	0.135	16		U
Tetrachloroethene	0.185	8.43	0.185	16		U
Toluene	0.0843	8.43	0.0843	16		U
trans-1,2-Dichloroethene	0.202	8.43	0.202	16		U
trans-1,3-Dichloropropene	0.253	8.43	0.253	16		U
Trichloroethene	0.202	8.43	0.202	16		U
Trichlorofluoromethane	0.135	8.43	0.135	16		U
Vinyl chloride	0.219	8.43	0.219	16		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-1 (7.0')	**Lab Sample ID:**	0706136-003A	**Matrix:**	Soil
% Solids:	94.90	**Initial Calibration ID:**	986	**File ID:**	T9199.D
Date Received:	22-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.506	16.9	0.506	16		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	80	52 - 149	
4-Bromofluorobenzene	115	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	650789	353482 - 1413926	
Chlorobenzene-d5	716797	383378 - 1533514	
Fluorobenzene	1795876	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-2 (12.5')	**Lab Sample ID:**	0706136-004A	**Matrix:**	Soil
% Solids:	90.40	**Initial Calibration ID:**	986	**File ID:**	T9112.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0144	0.553	1.08	1		J
1,1,1,2-Tetrachloroethane	0.0177	0.332	0.0177	1		U
1,1,1-Trichloroethane	0.0155	0.553	0.0155	1		U
1,1,2,2-Tetrachloroethane	0.0155	0.332	0.0155	1		UQ
1,1,2-Trichloroethane	0.0277	0.553	0.0277	1		U
1,1-Dichloroethane	0.00885	0.553	0.00885	1		U
1,1-Dichloroethene	0.0166	0.664	0.0166	1		U
1,1-Dichloropropene	0.0210	0.553	0.0210	1		U
1,2,3-Trichlorobenzene	0.0454	0.553	0.0454	1		U
1,2,3-Trichloropropane	0.0254	0.553	0.0254	1		U
1,2,4-Trichlorobenzene	0.0365	0.553	0.0365	1		U
1,2,4-Trimethylbenzene	0.00664	0.664	8.49	1		J
1,2-Dibromo-3-chloropropane	0.0343	1.11	0.0343	1		U
1,2-Dibromoethane	0.00885	0.553	0.00885	1		U
1,2-Dichlorobenzene	0.00664	0.553	3.11	1		J
1,2-Dichloroethane	0.0122	0.332	0.0122	1		U
1,2-Dichloropropane	0.0243	0.553	0.0243	1		U
1,3,5-Trimethylbenzene	0.00885	0.553	4.22	1		J
1,3-Dichlorobenzene	0.0122	0.664	0.0122	1		U
1,3-Dichloropropane	0.00996	0.277	0.00996	1		U
1,4-Dichlorobenzene	0.00664	0.277	30.6	1		J
1-Chlorohexane	0.0177	0.553	0.0177	1		U
2,2-Dichloropropane	0.0144	0.553	0.0144	1		U
2-Butanone	0.0465	2.21	0.0465	1		U
2-Chlorotoluene	0.00442	0.553	0.00442	1		U
4-Chlorotoluene	0.00774	0.553	0.00774	1		U
4-Methyl-2-pentanone	0.0354	2.21	0.0354	1		U
Acetone	0.0332	5.53	0.0332	1		U
Benzene	0.00553	0.277	0.00553	1		U
Bromobenzene	0.0166	0.553	0.0166	1		U
Bromochloromethane	0.0221	0.553	0.0221	1		U
Bromodichloromethane	0.00664	0.277	0.00664	1		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-2 (12.5')	**Lab Sample ID:**	0706136-004A	**Matrix:**	Soil
% Solids:	90.40	**Initial Calibration ID:**	986	**File ID:**	T9112.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0188	0.664	0.0188	1		U
Bromomethane	0.0144	1.11	0.0144	1		U
Carbon tetrachloride	0.0133	0.553	0.0133	1		U
Chlorobenzene	0.00774	0.277	43.4	1		J
Chloroethane	0.0277	0.553	0.0277	1		U
Chloroform	0.00774	0.277	0.00774	1		U
Chloromethane	0.0343	0.553	0.0343	1		U
cis-1,2-Dichloroethene	0.0177	0.553	0.0177	1		U
cis-1,3-Dichloropropene	0.00996	0.332	0.00996	1		U
Dibromochloromethane	0.00774	0.332	0.00774	1		U
Dibromomethane	0.0133	0.553	0.0133	1		U
Dichlorodifluoromethane	0.00885	0.553	0.00885	1		U
Ethylbenzene	0.0144	0.553	0.404	1		FJ
Hexachlorobutadiene	0.0420	0.332	0.0420	1		U
Isopropylbenzene	0.00553	0.553	0.586	1		J
Methyl tert-butyl ether	0.0144	2.21	0.0144	1		U
Methylene chloride	0.0664	0.553	0.0664	1		U
n-Butylbenzene	0.0144	0.553	0.935	1		J
n-Propylbenzene	0.00332	0.553	0.608	1		J
Naphthalene	0.0232	0.553	1.58	1		J
o-Xylene	0.0188	0.553	1.00	1		J
p-Isopropyltoluene	0.0188	0.664	1.01	1		J
sec-Butylbenzene	0.00553	0.553	0.846	1		J
Styrene	0.0133	0.553	0.0133	1		U
tert-Butylbenzene	0.00885	0.553	0.277	1		FJ
Tetrachloroethene	0.0122	0.553	0.0122	1		U
Toluene	0.00553	0.553	0.0553	1		FJ
trans-1,2-Dichloroethene	0.0133	0.553	0.0133	1		U
trans-1,3-Dichloropropene	0.0166	0.553	0.0166	1		U
Trichloroethene	0.0133	0.553	0.0133	1		U
Trichlorofluoromethane	0.00885	0.553	0.00885	1		U
Vinyl chloride	0.0144	0.553	0.0144	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-2 (12.5')	**Lab Sample ID:**	0706136-004A	**Matrix:**	Soil
% Solids:	90.40	**Initial Calibration ID:**	986	**File ID:**	T9112.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0332	1.11	2.08	1		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	132	84 - 118	*
Dibromofluoromethane	107	65 - 135	
Toluene-d8	123	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	854781	353482 - 1413926	
Chlorobenzene-d5	727178	383378 - 1533514	
Fluorobenzene	1518236	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-2 (12.5') DL	**Lab Sample ID:**	0706136-004ADL	**Matrix:**	Soil
% Solids:	90.40	**Initial Calibration ID:**	986	**File ID:**	T9172.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0575	2.21	1.08	4		FJ
1,1,1,2-Tetrachloroethane	0.0708	1.33	0.0708	4		U
1,1,1-Trichloroethane	0.0619	2.21	0.0619	4		U
1,1,2,2-Tetrachloroethane	0.0619	1.33	0.0619	4		U
1,1,2-Trichloroethane	0.111	2.21	0.111	4		U
1,1-Dichloroethane	0.0354	2.21	0.0354	4		U
1,1-Dichloroethene	0.0664	2.65	0.0664	4		U
1,1-Dichloropropene	0.0841	2.21	0.0841	4		U
1,2,3-Trichlorobenzene	0.181	2.21	0.181	4		U
1,2,3-Trichloropropane	0.102	2.21	0.102	4		U
1,2,4-Trichlorobenzene	0.146	2.21	0.146	4		U
1,2,4-Trimethylbenzene	0.0265	2.65	9.09	4		J
1,2-Dibromo-3-chloropropane	0.137	4.42	0.137	4		UQ
1,2-Dibromoethane	0.0354	2.21	0.0354	4		U
1,2-Dichlorobenzene	0.0265	2.21	3.23	4		J
1,2-Dichloroethane	0.0487	1.33	0.0487	4		U
1,2-Dichloropropane	0.0973	2.21	0.0973	4		U
1,3,5-Trimethylbenzene	0.0354	2.21	4.45	4		J
1,3-Dichlorobenzene	0.0487	2.65	0.0487	4		U
1,3-Dichloropropane	0.0398	1.11	0.0398	4		U
1,4-Dichlorobenzene	0.0265	1.11	33.5	4		J
1-Chlorohexane	0.0708	2.21	0.0708	4		U
2,2-Dichloropropane	0.0575	2.21	0.0575	4		UQ
2-Butanone	0.186	8.85	0.186	4		U
2-Chlorotoluene	0.0177	2.21	0.0177	4		U
4-Chlorotoluene	0.0310	2.21	0.0310	4		U
4-Methyl-2-pentanone	0.142	8.85	0.142	4		U
Acetone	0.133	22.1	0.133	4		U
Benzene	0.0221	1.11	0.0221	4		U
Bromobenzene	0.0664	2.21	0.0664	4		U
Bromochloromethane	0.0885	2.21	0.0885	4		U
Bromodichloromethane	0.0265	1.11	0.0265	4		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-2 (12.5') DL	**Lab Sample ID:**	0706136-004ADL	**Matrix:**	Soil
% Solids:	90.40	**Initial Calibration ID:**	986	**File ID:**	T9172.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0752	2.65	0.0752	4		U
Bromomethane	0.0575	4.42	0.0575	4		U
Carbon tetrachloride	0.0531	2.21	0.0531	4		U
Chlorobenzene	0.0310	1.11	49.6	4		J
Chloroethane	0.111	2.21	0.111	4		U
Chloroform	0.0310	1.11	0.0310	4		U
Chloromethane	0.137	2.21	0.137	4		U
cis-1,2-Dichloroethene	0.0708	2.21	0.0708	4		U
cis-1,3-Dichloropropene	0.0398	1.33	0.0398	4		U
Dibromochloromethane	0.0310	1.33	0.0310	4		U
Dibromomethane	0.0531	2.21	0.0531	4		U
Dichlorodifluoromethane	0.0354	2.21	0.0354	4		U
Ethylbenzene	0.0575	2.21	0.0575	4		U
Hexachlorobutadiene	0.168	1.33	0.168	4		U
Isopropylbenzene	0.0221	2.21	0.708	4		FJ
Methyl tert-butyl ether	0.0575	8.85	0.0575	4		U
Methylene chloride	0.265	2.21	0.265	4		U
n-Butylbenzene	0.0575	2.21	0.796	4		FJ
n-Propylbenzene	0.0133	2.21	0.686	4		FJ
Naphthalene	0.0929	2.21	2.39	4		J
o-Xylene	0.0752	2.21	1.02	4		FJ
p-Isopropyltoluene	0.0752	2.65	1.02	4		FJ
sec-Butylbenzene	0.0221	2.21	0.929	4		FJ
Styrene	0.0531	2.21	0.0531	4		U
tert-Butylbenzene	0.0354	2.21	0.310	4		FJ
Tetrachloroethene	0.0487	2.21	0.0487	4		U
Toluene	0.0221	2.21	0.0221	4		U
trans-1,2-Dichloroethene	0.0531	2.21	0.0531	4		U
trans-1,3-Dichloropropene	0.0664	2.21	0.0664	4		U
Trichloroethene	0.0531	2.21	0.0531	4		U
Trichlorofluoromethane	0.0354	2.21	0.0354	4		U
Vinyl chloride	0.0575	2.21	0.0575	4		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB07-2 (12.5') DL	**Lab Sample ID:**	0706136-004ADL	**Matrix:**	Soil
% Solids:	90.40	**Initial Calibration ID:**	986	**File ID:**	T9172.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.133	4.42	2.10	4		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	80	52 - 149	
4-Bromofluorobenzene	125	84 - 118	*
Dibromofluoromethane	94	65 - 135	
Toluene-d8	115	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	917040	353482 - 1413926	
Chlorobenzene-d5	926337	383378 - 1533514	
Fluorobenzene	2246619	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB08-1 (9.0')	**Lab Sample ID:**	0706136-005A	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	986	**File ID:**	T9113.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0150	0.579	7.75	1		J
1,1,1,2-Tetrachloroethane	0.0185	0.347	0.0185	1		U
1,1,1-Trichloroethane	0.0162	0.579	0.0162	1		U
1,1,2,2-Tetrachloroethane	0.0162	0.347	0.0162	1		UQ
1,1,2-Trichloroethane	0.0289	0.579	0.0289	1		U
1,1-Dichloroethane	0.00926	0.579	0.00926	1		U
1,1-Dichloroethene	0.0174	0.694	0.0174	1		U
1,1-Dichloropropene	0.0220	0.579	0.0220	1		U
1,2,3-Trichlorobenzene	0.0475	0.579	0.0475	1		U
1,2,3-Trichloropropane	0.0266	0.579	0.0266	1		U
1,2,4-Trichlorobenzene	0.0382	0.579	0.0382	1		U
1,2,4-Trimethylbenzene	0.00694	0.694	41.7	1		J
1,2-Dibromo-3-chloropropane	0.0359	1.16	0.0359	1		U
1,2-Dibromoethane	0.00926	0.579	0.00926	1		U
1,2-Dichlorobenzene	0.00694	0.579	1.14	1		J
1,2-Dichloroethane	0.0127	0.347	0.0127	1		U
1,2-Dichloropropane	0.0255	0.579	0.0255	1		U
1,3,5-Trimethylbenzene	0.00926	0.579	26.2	1		J
1,3-Dichlorobenzene	0.0127	0.694	1.59	1		J
1,3-Dichloropropane	0.0104	0.289	0.0104	1		U
1,4-Dichlorobenzene	0.00694	0.289	28.5	1		J
1-Chlorohexane	0.0185	0.579	0.0185	1		U
2,2-Dichloropropane	0.0150	0.579	0.0150	1		U
2-Butanone	0.0486	2.31	0.0486	1		U
2-Chlorotoluene	0.00463	0.579	0.00463	1		U
4-Chlorotoluene	0.00810	0.579	0.00810	1		U
4-Methyl-2-pentanone	0.0370	2.31	0.0370	1		U
Acetone	0.0347	5.79	0.0347	1		U
Benzene	0.00579	0.289	0.00579	1		U
Bromobenzene	0.0174	0.579	0.0174	1		U
Bromochloromethane	0.0231	0.579	0.0231	1		U
Bromodichloromethane	0.00694	0.289	0.00694	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB08-1 (9.0')	**Lab Sample ID:**	0706136-005A	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	986	**File ID:**	T9113.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0197	0.694	0.0197	1		U
Bromomethane	0.0150	1.16	0.0150	1		U
Carbon tetrachloride	0.0139	0.579	0.0139	1		U
Chlorobenzene	0.00810	0.289	30.9	1		J
Chloroethane	0.0289	0.579	0.0289	1		U
Chloroform	0.00810	0.289	0.00810	1		U
Chloromethane	0.0359	0.579	0.0359	1		U
cis-1,2-Dichloroethene	0.0185	0.579	0.0185	1		U
cis-1,3-Dichloropropene	0.0104	0.347	0.0104	1		U
Dibromochloromethane	0.00810	0.347	0.00810	1		U
Dibromomethane	0.0139	0.579	0.0139	1		U
Dichlorodifluoromethane	0.00926	0.579	0.00926	1		U
Ethylbenzene	0.0150	0.579	0.891	1		J
Hexachlorobutadiene	0.0440	0.347	0.0440	1		U
Isopropylbenzene	0.00579	0.579	4.76	1		J
Methyl tert-butyl ether	0.0150	2.31	0.0150	1		U
Methylene chloride	0.0694	0.579	0.0694	1		U
n-Butylbenzene	0.0150	0.579	4.95	1		J
n-Propylbenzene	0.00347	0.579	5.99	1		J
Naphthalene	0.0243	0.579	10.6	1		J
o-Xylene	0.0197	0.579	6.56	1		J
p-Isopropyltoluene	0.0197	0.694	6.02	1		J
sec-Butylbenzene	0.00579	0.579	4.57	1		J
Styrene	0.0139	0.579	0.0139	1		U
tert-Butylbenzene	0.00926	0.579	0.926	1		J
Tetrachloroethene	0.0127	0.579	0.0127	1		U
Toluene	0.00579	0.579	0.00579	1		U
trans-1,2-Dichloroethene	0.0139	0.579	0.0139	1		U
trans-1,3-Dichloropropene	0.0174	0.579	0.0174	1		U
Trichloroethene	0.0139	0.579	0.0139	1		U
Trichlorofluoromethane	0.00926	0.579	0.00926	1		U
Vinyl chloride	0.0150	0.579	0.0150	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB08-1 (9.0')	**Lab Sample ID:**	0706136-005A	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	986	**File ID:**	T9113.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0347	1.16	14.3	1		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	83	52 - 149	
4-Bromofluorobenzene	189	84 - 118	*
Dibromofluoromethane	94	65 - 135	
Toluene-d8	122	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1095134	353482 - 1413926	
Chlorobenzene-d5	1023457	383378 - 1533514	
Fluorobenzene	2177859	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB08-1 (9.0') DL	**Lab Sample ID:**	0706136-005ADL	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	986	**File ID:**	T9173.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0602	2.31	8.73	4		J
1,1,1,2-Tetrachloroethane	0.0741	1.39	0.0741	4		U
1,1,1-Trichloroethane	0.0648	2.31	0.0648	4		U
1,1,2,2-Tetrachloroethane	0.0648	1.39	0.0648	4		U
1,1,2-Trichloroethane	0.116	2.31	0.116	4		U
1,1-Dichloroethane	0.0370	2.31	0.0370	4		U
1,1-Dichloroethene	0.0694	2.78	0.0694	4		U
1,1-Dichloropropene	0.0880	2.31	0.0880	4		U
1,2,3-Trichlorobenzene	0.190	2.31	0.190	4		U
1,2,3-Trichloropropane	0.106	2.31	0.106	4		U
1,2,4-Trichlorobenzene	0.153	2.31	0.153	4		U
1,2,4-Trimethylbenzene	0.0278	2.78	68.7	4		J
1,2-Dibromo-3-chloropropane	0.144	4.63	0.144	4		UQ
1,2-Dibromoethane	0.0370	2.31	0.0370	4		U
1,2-Dichlorobenzene	0.0278	2.31	1.18	4		FJ
1,2-Dichloroethane	0.0509	1.39	0.0509	4		U
1,2-Dichloropropane	0.102	2.31	0.102	4		U
1,3,5-Trimethylbenzene	0.0370	2.31	32.9	4		J
1,3-Dichlorobenzene	0.0509	2.78	1.71	4		FJ
1,3-Dichloropropane	0.0417	1.16	0.0417	4		U
1,4-Dichlorobenzene	0.0278	1.16	32.7	4		J
1-Chlorohexane	0.0741	2.31	0.0741	4		U
2,2-Dichloropropane	0.0602	2.31	0.0602	4		UQ
2-Butanone	0.194	9.26	0.194	4		U
2-Chlorotoluene	0.0185	2.31	0.0185	4		U
4-Chlorotoluene	0.0324	2.31	0.0324	4		U
4-Methyl-2-pentanone	0.148	9.26	0.148	4		U
Acetone	0.139	23.1	0.139	4		U
Benzene	0.0231	1.16	0.0231	4		U
Bromobenzene	0.0694	2.31	0.0694	4		U
Bromochloromethane	0.0926	2.31	0.0926	4		U
Bromodichloromethane	0.0278	1.16	0.0278	4		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB08-1 (9.0') DL	**Lab Sample ID:**	0706136-005ADL	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	986	**File ID:**	T9173.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0787	2.78	0.0787	4		U
Bromomethane	0.0602	4.63	0.0602	4		U
Carbon tetrachloride	0.0556	2.31	0.0556	4		U
Chlorobenzene	0.0324	1.16	38.8	4		J
Chloroethane	0.116	2.31	0.116	4		U
Chloroform	0.0324	1.16	0.0324	4		U
Chloromethane	0.144	2.31	0.144	4		U
cis-1,2-Dichloroethene	0.0741	2.31	0.0741	4		U
cis-1,3-Dichloropropene	0.0417	1.39	0.0417	4		U
Dibromochloromethane	0.0324	1.39	0.0324	4		U
Dibromomethane	0.0556	2.31	0.0556	4		U
Dichlorodifluoromethane	0.0370	2.31	0.0370	4		U
Ethylbenzene	0.0602	2.31	1.09	4		FJ
Hexachlorobutadiene	0.176	1.39	0.176	4		U
Isopropylbenzene	0.0231	2.31	5.46	4		J
Methyl tert-butyl ether	0.0602	9.26	0.0602	4		U
Methylene chloride	0.278	2.31	0.278	4		U
n-Butylbenzene	0.0602	2.31	4.77	4		J
n-Propylbenzene	0.0139	2.31	6.55	4		J
Naphthalene	0.0972	2.31	12.1	4		J
o-Xylene	0.0787	2.31	7.38	4		J
p-Isopropyltoluene	0.0787	2.78	6.27	4		J
sec-Butylbenzene	0.0231	2.31	4.95	4		J
Styrene	0.0556	2.31	0.0556	4		U
tert-Butylbenzene	0.0370	2.31	1.02	4		FJ
Tetrachloroethene	0.0509	2.31	0.0509	4		U
Toluene	0.0231	2.31	0.0231	4		U
trans-1,2-Dichloroethene	0.0556	2.31	0.0556	4		U
trans-1,3-Dichloropropene	0.0694	2.31	0.0694	4		U
Trichloroethene	0.0556	2.31	0.0556	4		U
Trichlorofluoromethane	0.0370	2.31	0.0370	4		U
Vinyl chloride	0.0602	2.31	0.0602	4		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB08-1 (9.0') DL	**Lab Sample ID:**	0706136-005ADL	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	986	**File ID:**	T9173.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.139	4.63	16.1	4		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	79	52 - 149	
4-Bromofluorobenzene	204	84 - 118	*
Dibromofluoromethane	93	65 - 135	
Toluene-d8	124	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1030436	353482 - 1413926	
Chlorobenzene-d5	962813	383378 - 1533514	
Fluorobenzene	2334019	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-1 (11.5')	**Lab Sample ID:**	0706136-006A	**Matrix:**	Soil
% Solids:	89.80	**Initial Calibration ID:**	986	**File ID:**	T9114.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0145	0.557	0.167	1		FJ
1,1,1,2-Tetrachloroethane	0.0178	0.334	0.0178	1		U
1,1,1-Trichloroethane	0.0156	0.557	0.0156	1		U
1,1,2,2-Tetrachloroethane	0.0156	0.334	0.0156	1		UQ
1,1,2-Trichloroethane	0.0278	0.557	0.0278	1		U
1,1-Dichloroethane	0.00891	0.557	0.00891	1		U
1,1-Dichloroethene	0.0167	0.668	0.0167	1		U
1,1-Dichloropropene	0.0212	0.557	0.0212	1		U
1,2,3-Trichlorobenzene	0.0457	0.557	0.0457	1		U
1,2,3-Trichloropropane	0.0256	0.557	0.0612	1		FJ
1,2,4-Trichlorobenzene	0.0367	0.557	0.0367	1		U
1,2,4-Trimethylbenzene	0.00668	0.668	4.15	1		J
1,2-Dibromo-3-chloropropane	0.0345	1.11	0.0345	1		U
1,2-Dibromoethane	0.00891	0.557	0.00891	1		U
1,2-Dichlorobenzene	0.00668	0.557	0.824	1		J
1,2-Dichloroethane	0.0122	0.334	0.0122	1		U
1,2-Dichloropropane	0.0245	0.557	0.0245	1		U
1,3,5-Trimethylbenzene	0.00891	0.557	1.09	1		J
1,3-Dichlorobenzene	0.0122	0.668	0.150	1		FJ
1,3-Dichloropropane	0.0100	0.278	0.0100	1		U
1,4-Dichlorobenzene	0.00668	0.278	3.29	1		J
1-Chlorohexane	0.0178	0.557	0.0178	1		U
2,2-Dichloropropane	0.0145	0.557	0.0145	1		U
2-Butanone	0.0468	2.23	0.0468	1		U
2-Chlorotoluene	0.00445	0.557	0.00445	1		U
4-Chlorotoluene	0.00780	0.557	0.00780	1		U
4-Methyl-2-pentanone	0.0356	2.23	0.0356	1		U
Acetone	0.0334	5.57	0.0334	1		U
Benzene	0.00557	0.278	0.00557	1		U
Bromobenzene	0.0167	0.557	0.0167	1		U
Bromochloromethane	0.0223	0.557	0.0223	1		U
Bromodichloromethane	0.00668	0.278	0.00668	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-1 (11.5')	**Lab Sample ID:**	0706136-006A	**Matrix:**	Soil
% Solids:	89.80	**Initial Calibration ID:**	986	**File ID:**	T9114.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0189	0.668	0.0189	1		U
Bromomethane	0.0145	1.11	0.0145	1		U
Carbon tetrachloride	0.0134	0.557	0.0134	1		U
Chlorobenzene	0.00780	0.278	2.41	1		J
Chloroethane	0.0278	0.557	0.0278	1		U
Chloroform	0.00780	0.278	0.00780	1		U
Chloromethane	0.0345	0.557	0.0345	1		U
cis-1,2-Dichloroethene	0.0178	0.557	0.0178	1		U
cis-1,3-Dichloropropene	0.0100	0.334	0.0100	1		U
Dibromochloromethane	0.00780	0.334	0.00780	1		U
Dibromomethane	0.0134	0.557	0.0134	1		U
Dichlorodifluoromethane	0.00891	0.557	0.00891	1		U
Ethylbenzene	0.0145	0.557	0.0145	1		U
Hexachlorobutadiene	0.0423	0.334	0.0423	1		U
Isopropylbenzene	0.00557	0.557	0.429	1		FJ
Methyl tert-butyl ether	0.0145	2.23	0.0145	1		U
Methylene chloride	0.0668	0.557	0.0668	1		U
n-Butylbenzene	0.0145	0.557	0.0145	1		U
n-Propylbenzene	0.00334	0.557	0.00334	1		U
Naphthalene	0.0234	0.557	0.713	1		J
o-Xylene	0.0189	0.557	0.195	1		FJ
p-Isopropyltoluene	0.0189	0.668	0.256	1		FJ
sec-Butylbenzene	0.00557	0.557	0.384	1		FJ
Styrene	0.0134	0.557	0.0134	1		U
tert-Butylbenzene	0.00891	0.557	0.161	1		FJ
Tetrachloroethene	0.0122	0.557	0.0122	1		U
Toluene	0.00557	0.557	0.00557	1		U
trans-1,2-Dichloroethene	0.0134	0.557	0.0134	1		U
trans-1,3-Dichloropropene	0.0167	0.557	0.0167	1		U
Trichloroethene	0.0134	0.557	0.0134	1		U
Trichlorofluoromethane	0.00891	0.557	0.00891	1		U
Vinyl chloride	0.0145	0.557	0.0145	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-1 (11.5')	**Lab Sample ID:**	0706136-006A	**Matrix:**	Soil
% Solids:	89.80	**Initial Calibration ID:**	986	**File ID:**	T9114.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0334	1.11	0.362	1		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	144	84 - 118	*
Dibromofluoromethane	105	65 - 135	
Toluene-d8	128	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	944175	353482 - 1413926	
Chlorobenzene-d5	887070	383378 - 1533514	
Fluorobenzene	2098793	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-1 (11.5') RA	**Lab Sample ID:**	0706136-006ARA	**Matrix:**	Soil
% Solids:	89.80	**Initial Calibration ID:**	986	**File ID:**	T9170.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0145	0.557	0.0891	1		FJ
1,1,1,2-Tetrachloroethane	0.0178	0.334	0.0178	1		U
1,1,1-Trichloroethane	0.0156	0.557	0.0156	1		U
1,1,2,2-Tetrachloroethane	0.0156	0.334	0.0156	1		U
1,1,2-Trichloroethane	0.0278	0.557	0.0278	1		U
1,1-Dichloroethane	0.00891	0.557	0.00891	1		U
1,1-Dichloroethene	0.0167	0.668	0.0167	1		U
1,1-Dichloropropene	0.0212	0.557	0.0212	1		U
1,2,3-Trichlorobenzene	0.0457	0.557	0.0457	1		U
1,2,3-Trichloropropane	0.0256	0.557	0.0256	1		U
1,2,4-Trichlorobenzene	0.0367	0.557	0.0367	1		U
1,2,4-Trimethylbenzene	0.00668	0.668	3.30	1		J
1,2-Dibromo-3-chloropropane	0.0345	1.11	0.0345	1		UQ
1,2-Dibromoethane	0.00891	0.557	0.00891	1		U
1,2-Dichlorobenzene	0.00668	0.557	0.813	1		J
1,2-Dichloroethane	0.0122	0.334	0.0122	1		U
1,2-Dichloropropane	0.0245	0.557	0.0245	1		U
1,3,5-Trimethylbenzene	0.00891	0.557	0.774	1		J
1,3-Dichlorobenzene	0.0122	0.668	0.117	1		FJ
1,3-Dichloropropane	0.0100	0.278	0.0100	1		U
1,4-Dichlorobenzene	0.00668	0.278	2.88	1		J
1-Chlorohexane	0.0178	0.557	0.0178	1		U
2,2-Dichloropropane	0.0145	0.557	0.0145	1		UQ
2-Butanone	0.0468	2.23	0.0468	1		U
2-Chlorotoluene	0.00445	0.557	0.00445	1		U
4-Chlorotoluene	0.00780	0.557	0.00780	1		U
4-Methyl-2-pentanone	0.0356	2.23	0.0356	1		U
Acetone	0.0334	5.57	0.0334	1		U
Benzene	0.00557	0.278	0.00557	1		U
Bromobenzene	0.0167	0.557	0.0167	1		U
Bromochloromethane	0.0223	0.557	0.0223	1		U
Bromodichloromethane	0.00668	0.278	0.00668	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-1 (11.5') RA	**Lab Sample ID:**	0706136-006ARA	**Matrix:**	Soil
% Solids:	89.80	**Initial Calibration ID:**	986	**File ID:**	T9170.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0189	0.668	0.0189	1		U
Bromomethane	0.0145	1.11	0.0145	1		U
Carbon tetrachloride	0.0134	0.557	0.0134	1		U
Chlorobenzene	0.00780	0.278	1.99	1		J
Chloroethane	0.0278	0.557	0.0278	1		U
Chloroform	0.00780	0.278	0.00780	1		U
Chloromethane	0.0345	0.557	0.0345	1		U
cis-1,2-Dichloroethene	0.0178	0.557	0.0178	1		U
cis-1,3-Dichloropropene	0.0100	0.334	0.0100	1		U
Dibromochloromethane	0.00780	0.334	0.00780	1		U
Dibromomethane	0.0134	0.557	0.0134	1		U
Dichlorodifluoromethane	0.00891	0.557	0.00891	1		U
Ethylbenzene	0.0145	0.557	0.0145	1		U
Hexachlorobutadiene	0.0423	0.334	0.0423	1		U
Isopropylbenzene	0.00557	0.557	0.362	1		FJ
Methyl tert-butyl ether	0.0145	2.23	0.0145	1		U
Methylene chloride	0.0668	0.557	0.0668	1		U
n-Butylbenzene	0.0145	0.557	0.223	1		FJ
n-Propylbenzene	0.00334	0.557	0.284	1		FJ
Naphthalene	0.0234	0.557	0.262	1		FJ
o-Xylene	0.0189	0.557	0.128	1		FJ
p-Isopropyltoluene	0.0189	0.668	0.184	1		FJ
sec-Butylbenzene	0.00557	0.557	0.340	1		FJ
Styrene	0.0134	0.557	0.0134	1		U
tert-Butylbenzene	0.00891	0.557	0.145	1		FJ
Tetrachloroethene	0.0122	0.557	0.0122	1		U
Toluene	0.00557	0.557	0.00557	1		U
trans-1,2-Dichloroethene	0.0134	0.557	0.0134	1		U
trans-1,3-Dichloropropene	0.0167	0.557	0.0167	1		U
Trichloroethene	0.0134	0.557	0.0134	1		U
Trichlorofluoromethane	0.00891	0.557	0.00891	1		U
Vinyl chloride	0.0145	0.557	0.0145	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-1 (11.5') RA	**Lab Sample ID:**	0706136-006ARA	**Matrix:**	Soil
% Solids:	89.80	**Initial Calibration ID:**	986	**File ID:**	T9170.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0334	1.11	0.217	1		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	136	84 - 118	*
Dibromofluoromethane	109	65 - 135	
Toluene-d8	126	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	877745	353482 - 1413926	
Chlorobenzene-d5	837475	383378 - 1533514	
Fluorobenzene	1963945	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-2 (16.0')	**Lab Sample ID:**	0706136-007A	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	990	**File ID:**	J3429.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00561	0.00015	0.95		U
1,1,1,2-Tetrachloroethane	0.00018	0.00337	0.00018	0.95		U
1,1,1-Trichloroethane	0.00016	0.00561	0.00016	0.95		U
1,1,2,2-Tetrachloroethane	0.00016	0.00337	0.00016	0.95		U
1,1,2-Trichloroethane	0.00028	0.00561	0.00028	0.95		U
1,1-Dichloroethane	0.00009	0.00561	0.00009	0.95		U
1,1-Dichloroethene	0.00017	0.00674	0.00017	0.95		U
1,1-Dichloropropene	0.00021	0.00561	0.00021	0.95		U
1,2,3-Trichlorobenzene	0.00046	0.00561	0.00046	0.95		U
1,2,3-Trichloropropane	0.00026	0.00561	0.00026	0.95		U
1,2,4-Trichlorobenzene	0.00037	0.00561	0.00037	0.95		U
1,2,4-Trimethylbenzene	0.00007	0.00674	0.00007	0.95		U
1,2-Dibromo-3-chloropropane	0.00035	0.0112	0.00035	0.95		U
1,2-Dibromoethane	0.00009	0.00561	0.00009	0.95		U
1,2-Dichlorobenzene	0.00007	0.00561	0.00007	0.95		U
1,2-Dichloroethane	0.00012	0.00337	0.00012	0.95		U
1,2-Dichloropropane	0.00025	0.00561	0.00025	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00561	0.00009	0.95		U
1,3-Dichlorobenzene	0.00012	0.00674	0.00012	0.95		U
1,3-Dichloropropane	0.00010	0.00281	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00281	0.00007	0.95		U
1-Chlorohexane	0.00018	0.00561	0.00018	0.95		U
2,2-Dichloropropane	0.00015	0.00561	0.00015	0.95		U
2-Butanone	0.00047	0.0225	0.00047	0.95		U
2-Chlorotoluene	0.00004	0.00561	0.00004	0.95		U
4-Chlorotoluene	0.00008	0.00561	0.00008	0.95		U
4-Methyl-2-pentanone	0.00036	0.0225	0.00036	0.95		U
Acetone	0.00034	0.0561	0.00286	0.95		F
Benzene	0.00006	0.00281	0.00006	0.95		U
Bromobenzene	0.00017	0.00561	0.00017	0.95		U
Bromochloromethane	0.00022	0.00561	0.00022	0.95		U
Bromodichloromethane	0.00007	0.00281	0.00007	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-2 (16.0')	**Lab Sample ID:**	0706136-007A	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	990	**File ID:**	J3429.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00674	0.00019	0.95		U
Bromomethane	0.00015	0.0112	0.00015	0.95		U
Carbon tetrachloride	0.00013	0.00561	0.00013	0.95		U
Chlorobenzene	0.00008	0.00281	0.000561	0.95		F
Chloroethane	0.00028	0.00561	0.00028	0.95		U
Chloroform	0.00008	0.00281	0.00008	0.95		U
Chloromethane	0.00035	0.00561	0.00035	0.95		U
cis-1,2-Dichloroethene	0.00018	0.00561	0.00018	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00337	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00337	0.00008	0.95		U
Dibromomethane	0.00013	0.00561	0.00013	0.95		U
Dichlorodifluoromethane	0.00009	0.00561	0.00009	0.95		U
Ethylbenzene	0.00015	0.00561	0.00015	0.95		U
Hexachlorobutadiene	0.00043	0.00337	0.00043	0.95		U
Isopropylbenzene	0.00006	0.00561	0.00006	0.95		U
Methyl tert-butyl ether	0.00015	0.0225	0.00015	0.95		U
Methylene chloride	0.00067	0.00561	0.00336	0.95		F
n-Butylbenzene	0.00015	0.00561	0.00015	0.95		U
n-Propylbenzene	0.00003	0.00561	0.00003	0.95		U
Naphthalene	0.00024	0.00561	0.00024	0.95		U
o-Xylene	0.00019	0.00561	0.00019	0.95		U
p-Isopropyltoluene	0.00019	0.00674	0.00019	0.95		U
sec-Butylbenzene	0.00006	0.00561	0.00006	0.95		U
Styrene	0.00013	0.00561	0.00013	0.95		U
tert-Butylbenzene	0.00009	0.00561	0.00009	0.95		U
Tetrachloroethene	0.00012	0.00561	0.00012	0.95		U
Toluene	0.00006	0.00561	0.00116	0.95		F
trans-1,2-Dichloroethene	0.00013	0.00561	0.00013	0.95		U
trans-1,3-Dichloropropene	0.00017	0.00561	0.00017	0.95		U
Trichloroethene	0.00013	0.00561	0.00013	0.95		U
Trichlorofluoromethane	0.00009	0.00561	0.00009	0.95		U
Vinyl chloride	0.00015	0.00561	0.00015	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB09-2 (16.0')	**Lab Sample ID:**	0706136-007A	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	990	**File ID:**	J3429.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00561	0.00034	0.95		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1073816	685144 - 2740574	
Chlorobenzene-d5	1946273	1005325 - 4021300	
Fluorobenzene	5514510	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-1 (16.5')	**Lab Sample ID:**	0706136-008A	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9115.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0154	0.592	1.76	1		J
1,1,1,2-Tetrachloroethane	0.0190	0.355	0.0190	1		U
1,1,1-Trichloroethane	0.0166	0.592	0.0166	1		U
1,1,2,2-Tetrachloroethane	0.0166	0.355	0.0166	1		UQ
1,1,2-Trichloroethane	0.0296	0.592	0.0296	1		U
1,1-Dichloroethane	0.00948	0.592	0.00948	1		U
1,1-Dichloroethene	0.0178	0.711	0.0178	1		U
1,1-Dichloropropene	0.0225	0.592	0.0225	1		U
1,2,3-Trichlorobenzene	0.0486	0.592	0.0486	1		U
1,2,3-Trichloropropane	0.0273	0.592	0.0273	1		U
1,2,4-Trichlorobenzene	0.0391	0.592	0.0391	1		U
1,2,4-Trimethylbenzene	0.00711	0.711	27.1	1		J
1,2-Dibromo-3-chloropropane	0.0367	1.18	0.0367	1		U
1,2-Dibromoethane	0.00948	0.592	0.00948	1		U
1,2-Dichlorobenzene	0.00711	0.592	0.249	1		FJ
1,2-Dichloroethane	0.0130	0.355	0.0130	1		U
1,2-Dichloropropane	0.0261	0.592	0.0261	1		U
1,3,5-Trimethylbenzene	0.00948	0.592	14.1	1		J
1,3-Dichlorobenzene	0.0130	0.711	0.190	1		FJ
1,3-Dichloropropane	0.0107	0.296	0.0107	1		U
1,4-Dichlorobenzene	0.00711	0.296	2.25	1		J
1-Chlorohexane	0.0190	0.592	0.0190	1		U
2,2-Dichloropropane	0.0154	0.592	0.0154	1		U
2-Butanone	0.0498	2.37	0.0498	1		U
2-Chlorotoluene	0.00474	0.592	0.00474	1		U
4-Chlorotoluene	0.00829	0.592	0.00829	1		U
4-Methyl-2-pentanone	0.0379	2.37	0.0379	1		U
Acetone	0.0355	5.92	0.0355	1		U
Benzene	0.00592	0.296	0.00592	1		U
Bromobenzene	0.0178	0.592	0.0178	1		U
Bromochloromethane	0.0237	0.592	0.0237	1		U
Bromodichloromethane	0.00711	0.296	0.00711	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-1 (16.5')	**Lab Sample ID:**	0706136-008A	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9115.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0201	0.711	0.0201	1		U
Bromomethane	0.0154	1.18	0.0154	1		U
Carbon tetrachloride	0.0142	0.592	0.0142	1		U
Chlorobenzene	0.00829	0.296	0.261	1		FJ
Chloroethane	0.0296	0.592	0.0296	1		U
Chloroform	0.00829	0.296	0.00829	1		U
Chloromethane	0.0367	0.592	0.0367	1		U
cis-1,2-Dichloroethene	0.0190	0.592	0.0190	1		U
cis-1,3-Dichloropropene	0.0107	0.355	0.0107	1		U
Dibromochloromethane	0.00829	0.355	0.00829	1		U
Dibromomethane	0.0142	0.592	0.0142	1		U
Dichlorodifluoromethane	0.00948	0.592	0.00948	1		U
Ethylbenzene	0.0154	0.592	0.225	1		FJ
Hexachlorobutadiene	0.0450	0.355	0.0450	1		U
Isopropylbenzene	0.00592	0.592	1.39	1		J
Methyl tert-butyl ether	0.0154	2.37	0.0154	1		U
Methylene chloride	0.0711	0.592	0.0711	1		U
n-Butylbenzene	0.0154	0.592	1.64	1		J
n-Propylbenzene	0.00355	0.592	2.43	1		J
Naphthalene	0.0249	0.592	2.62	1		J
o-Xylene	0.0201	0.592	0.160	1		FJ
p-Isopropyltoluene	0.0201	0.711	2.00	1		J
sec-Butylbenzene	0.00592	0.592	1.40	1		J
Styrene	0.0142	0.592	0.0142	1		U
tert-Butylbenzene	0.00948	0.592	0.391	1		FJ
Tetrachloroethene	0.0130	0.592	0.0130	1		U
Toluene	0.00592	0.592	0.00592	1		U
trans-1,2-Dichloroethene	0.0142	0.592	0.0142	1		U
trans-1,3-Dichloropropene	0.0178	0.592	0.0178	1		U
Trichloroethene	0.0142	0.592	0.0142	1		U
Trichlorofluoromethane	0.00948	0.592	0.00948	1		U
Vinyl chloride	0.0154	0.592	0.0154	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-1 (16.5')	**Lab Sample ID:**	0706136-008A	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9115.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	23-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0355	1.18	1.92	1		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	83	52 - 149	
4-Bromofluorobenzene	139	84 - 118	*
Dibromofluoromethane	93	65 - 135	
Toluene-d8	116	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1089646	353482 - 1413926	
Chlorobenzene-d5	1007405	383378 - 1533514	
Fluorobenzene	2338971	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-1 (16.5') DL	**Lab Sample ID:**	0706136-008ADL	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9171.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0308	1.18	1.80	2		J
1,1,1,2-Tetrachloroethane	0.0379	0.711	0.0379	2		U
1,1,1-Trichloroethane	0.0332	1.18	0.0332	2		U
1,1,2,2-Tetrachloroethane	0.0332	0.711	0.0332	2		U
1,1,2-Trichloroethane	0.0592	1.18	0.0592	2		U
1,1-Dichloroethane	0.0190	1.18	0.0190	2		U
1,1-Dichloroethene	0.0355	1.42	0.0355	2		U
1,1-Dichloropropene	0.0450	1.18	0.0450	2		U
1,2,3-Trichlorobenzene	0.0972	1.18	0.0972	2		U
1,2,3-Trichloropropane	0.0545	1.18	0.0545	2		U
1,2,4-Trichlorobenzene	0.0782	1.18	0.0782	2		U
1,2,4-Trimethylbenzene	0.0142	1.42	31.9	2		J
1,2-Dibromo-3-chloropropane	0.0735	2.37	0.0735	2		UQ
1,2-Dibromoethane	0.0190	1.18	0.0190	2		U
1,2-Dichlorobenzene	0.0142	1.18	0.284	2		FJ
1,2-Dichloroethane	0.0261	0.711	0.0261	2		U
1,2-Dichloropropane	0.0521	1.18	0.0521	2		U
1,3,5-Trimethylbenzene	0.0190	1.18	15.1	2		J
1,3-Dichlorobenzene	0.0261	1.42	0.190	2		FJ
1,3-Dichloropropane	0.0213	0.592	0.0213	2		U
1,4-Dichlorobenzene	0.0142	0.592	2.36	2		J
1-Chlorohexane	0.0379	1.18	0.0379	2		U
2,2-Dichloropropane	0.0308	1.18	0.0308	2		UQ
2-Butanone	0.0995	4.74	0.0995	2		U
2-Chlorotoluene	0.00948	1.18	0.00948	2		U
4-Chlorotoluene	0.0166	1.18	0.0166	2		U
4-Methyl-2-pentanone	0.0758	4.74	0.0758	2		U
Acetone	0.0711	11.8	0.0711	2		U
Benzene	0.0118	0.592	0.0118	2		U
Bromobenzene	0.0355	1.18	0.0355	2		U
Bromochloromethane	0.0474	1.18	0.0474	2		U
Bromodichloromethane	0.0142	0.592	0.0142	2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-1 (16.5') DL	**Lab Sample ID:**	0706136-008ADL	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9171.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0403	1.42	0.0403	2		U
Bromomethane	0.0308	2.37	0.0308	2		U
Carbon tetrachloride	0.0284	1.18	0.0284	2		U
Chlorobenzene	0.0166	0.592	0.284	2		FJ
Chloroethane	0.0592	1.18	0.0592	2		U
Chloroform	0.0166	0.592	0.0166	2		U
Chloromethane	0.0735	1.18	0.0735	2		U
cis-1,2-Dichloroethene	0.0379	1.18	0.0379	2		U
cis-1,3-Dichloropropene	0.0213	0.711	0.0213	2		U
Dibromochloromethane	0.0166	0.711	0.0166	2		U
Dibromomethane	0.0284	1.18	0.0284	2		U
Dichlorodifluoromethane	0.0190	1.18	0.0190	2		U
Ethylbenzene	0.0308	1.18	0.249	2		FJ
Hexachlorobutadiene	0.0900	0.711	0.0900	2		U
Isopropylbenzene	0.0118	1.18	1.53	2		J
Methyl tert-butyl ether	0.0308	4.74	0.0308	2		U
Methylene chloride	0.142	1.18	0.142	2		U
n-Butylbenzene	0.0308	1.18	1.59	2		J
n-Propylbenzene	0.00711	1.18	2.56	2		J
Naphthalene	0.0498	1.18	2.88	2		J
o-Xylene	0.0403	1.18	0.178	2		FJ
p-Isopropyltoluene	0.0403	1.42	2.20	2		J
sec-Butylbenzene	0.0118	1.18	1.52	2		J
Styrene	0.0284	1.18	0.0284	2		U
tert-Butylbenzene	0.0190	1.18	0.427	2		FJ
Tetrachloroethene	0.0261	1.18	0.0261	2		U
Toluene	0.0118	1.18	0.0118	2		U
trans-1,2-Dichloroethene	0.0284	1.18	0.0284	2		U
trans-1,3-Dichloropropene	0.0355	1.18	0.0355	2		U
Trichloroethene	0.0284	1.18	0.0284	2		U
Trichlorofluoromethane	0.0190	1.18	0.0190	2		U
Vinyl chloride	0.0308	1.18	0.0308	2		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-1 (16.5') DL	**Lab Sample ID:**	0706136-008ADL	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9171.D
Date Received:	22-Jun-07	**Date Extracted:**	22-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0711	2.37	1.98	2		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	85	52 - 149	
4-Bromofluorobenzene	147	84 - 118	*
Dibromofluoromethane	98	65 - 135	
Toluene-d8	122	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	913599	353482 - 1413926	
Chlorobenzene-d5	883656	383378 - 1533514	
Fluorobenzene	2121061	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-2 (20.5')	**Lab Sample ID:**	0706136-009A	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	990	**File ID:**	J3430.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00600	0.00108	1.01		F
1,1,1,2-Tetrachloroethane	0.00019	0.00360	0.00019	1.01		U
1,1,1-Trichloroethane	0.00017	0.00600	0.00017	1.01		U
1,1,2,2-Tetrachloroethane	0.00017	0.00360	0.00017	1.01		U
1,1,2-Trichloroethane	0.00030	0.00600	0.00030	1.01		U
1,1-Dichloroethane	0.00010	0.00600	0.00010	1.01		U
1,1-Dichloroethene	0.00018	0.00721	0.00018	1.01		U
1,1-Dichloropropene	0.00023	0.00600	0.00023	1.01		U
1,2,3-Trichlorobenzene	0.00049	0.00600	0.00049	1.01		U
1,2,3-Trichloropropane	0.00028	0.00600	0.00028	1.01		U
1,2,4-Trichlorobenzene	0.00040	0.00600	0.00040	1.01		U
1,2,4-Trimethylbenzene	0.00007	0.00721	0.00638	1.01		F
1,2-Dibromo-3-chloropropane	0.00037	0.0120	0.00037	1.01		U
1,2-Dibromoethane	0.00010	0.00600	0.00010	1.01		U
1,2-Dichlorobenzene	0.00007	0.00600	0.116	1.01		
1,2-Dichloroethane	0.00013	0.00360	0.00013	1.01		U
1,2-Dichloropropane	0.00026	0.00600	0.00026	1.01		U
1,3,5-Trimethylbenzene	0.00010	0.00600	0.00010	1.01		U
1,3-Dichlorobenzene	0.00013	0.00721	0.00220	1.01		F
1,3-Dichloropropane	0.00011	0.00300	0.00011	1.01		U
1,4-Dichlorobenzene	0.00007	0.00300	0.0326	1.01		
1-Chlorohexane	0.00019	0.00600	0.00019	1.01		U
2,2-Dichloropropane	0.00016	0.00600	0.00016	1.01		U
2-Butanone	0.00050	0.0240	0.00652	1.01		F
2-Chlorotoluene	0.00005	0.00600	0.00005	1.01		U
4-Chlorotoluene	0.00008	0.00600	0.00008	1.01		U
4-Methyl-2-pentanone	0.00038	0.0240	0.00038	1.01		U
Acetone	0.00036	0.0600	0.0230	1.01		F
Benzene	0.00006	0.00300	0.00258	1.01		F
Bromobenzene	0.00018	0.00600	0.00018	1.01		U
Bromochloromethane	0.00024	0.00600	0.00024	1.01		U
Bromodichloromethane	0.00007	0.00300	0.00007	1.01		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-2 (20.5')	**Lab Sample ID:**	0706136-009A	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	990	**File ID:**	J3430.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00721	0.00020	1.01		U
Bromomethane	0.00016	0.0120	0.00016	1.01		U
Carbon tetrachloride	0.00014	0.00600	0.00014	1.01		U
Chlorobenzene	0.00008	0.00300	0.163	1.01		
Chloroethane	0.00030	0.00600	0.00030	1.01		U
Chloroform	0.00008	0.00300	0.00008	1.01		U
Chloromethane	0.00037	0.00600	0.00037	1.01		U
cis-1,2-Dichloroethene	0.00019	0.00600	0.000709	1.01		F
cis-1,3-Dichloropropene	0.00011	0.00360	0.00011	1.01		U
Dibromochloromethane	0.00008	0.00360	0.00008	1.01		U
Dibromomethane	0.00014	0.00600	0.00014	1.01		U
Dichlorodifluoromethane	0.00010	0.00600	0.00010	1.01		U
Ethylbenzene	0.00016	0.00600	0.000781	1.01		F
Hexachlorobutadiene	0.00046	0.00360	0.00046	1.01		U
Isopropylbenzene	0.00006	0.00600	0.00108	1.01		F
Methyl tert-butyl ether	0.00016	0.0240	0.00016	1.01		U
Methylene chloride	0.00072	0.00600	0.00413	1.01		F
n-Butylbenzene	0.00016	0.00600	0.00386	1.01		F
n-Propylbenzene	0.00004	0.00600	0.000829	1.01		F
Naphthalene	0.00025	0.00600	0.00225	1.01		FQ
o-Xylene	0.00020	0.00600	0.000865	1.01		F
p-Isopropyltoluene	0.00020	0.00721	0.00020	1.01		U
sec-Butylbenzene	0.00006	0.00600	0.00209	1.01		F
Styrene	0.00014	0.00600	0.00014	1.01		U
tert-Butylbenzene	0.00010	0.00600	0.00010	1.01		U
Tetrachloroethene	0.00013	0.00600	0.00013	1.01		U
Toluene	0.00006	0.00600	0.00157	1.01		F
trans-1,2-Dichloroethene	0.00014	0.00600	0.00014	1.01		U
trans-1,3-Dichloropropene	0.00018	0.00600	0.00018	1.01		U
Trichloroethene	0.00014	0.00600	0.000781	1.01		F
Trichlorofluoromethane	0.00010	0.00600	0.00010	1.01		U
Vinyl chloride	0.00016	0.00600	0.00115	1.01		F

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB10-2 (20.5')	**Lab Sample ID:**	0706136-009A	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	990	**File ID:**	J3430.D
Date Received:	22-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00600	0.00195	1.01		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1142778	685144 - 2740574	
Chlorobenzene-d5	1909108	1005325 - 4021300	
Fluorobenzene	5090823	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001B	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9177.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0616	2.37	6.64	4		J
1,1,1,2-Tetrachloroethane	0.0758	1.42	0.0758	4		U
1,1,1-Trichloroethane	0.0664	2.37	0.0664	4		U
1,1,2,2-Tetrachloroethane	0.0664	1.42	0.0664	4		U
1,1,2-Trichloroethane	0.118	2.37	0.118	4		U
1,1-Dichloroethane	0.0379	2.37	0.0379	4		U
1,1-Dichloroethene	0.0711	2.84	0.0711	4		U
1,1-Dichloropropene	0.0900	2.37	0.0900	4		U
1,2,3-Trichlorobenzene	0.194	2.37	0.194	4		U
1,2,3-Trichloropropane	0.109	2.37	1.40	4		FJ
1,2,4-Trichlorobenzene	0.156	2.37	0.156	4		U
1,2,4-Trimethylbenzene	0.0284	2.84	50.2	4		J
1,2-Dibromo-3-chloropropane	0.147	4.74	0.147	4		UQ
1,2-Dibromoethane	0.0379	2.37	0.0379	4		U
1,2-Dichlorobenzene	0.0284	2.37	4.05	4		J
1,2-Dichloroethane	0.0521	1.42	0.0521	4		U
1,2-Dichloropropane	0.104	2.37	0.104	4		U
1,3,5-Trimethylbenzene	0.0379	2.37	35.0	4		J
1,3-Dichlorobenzene	0.0521	2.84	3.25	4		J
1,3-Dichloropropane	0.0427	1.18	0.0427	4		U
1,4-Dichlorobenzene	0.0284	1.18	106	4		JM
1-Chlorohexane	0.0758	2.37	0.0758	4		U
2,2-Dichloropropane	0.0616	2.37	0.0616	4		UQ
2-Butanone	0.199	9.48	0.199	4		U
2-Chlorotoluene	0.0190	2.37	0.0190	4		U
4-Chlorotoluene	0.0332	2.37	0.0332	4		U
4-Methyl-2-pentanone	0.152	9.48	0.152	4		U
Acetone	0.142	23.7	0.142	4		U
Benzene	0.0237	1.18	0.0237	4		U
Bromobenzene	0.0711	2.37	0.0711	4		U
Bromochloromethane	0.0948	2.37	0.0948	4		U
Bromodichloromethane	0.0284	1.18	0.0284	4		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001B	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9177.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0806	2.84	0.0806	4		U
Bromomethane	0.0616	4.74	0.0616	4		U
Carbon tetrachloride	0.0569	2.37	0.0569	4		U
Chlorobenzene	0.0332	1.18	260	4		JM
Chloroethane	0.118	2.37	0.118	4		U
Chloroform	0.0332	1.18	0.0332	4		U
Chloromethane	0.147	2.37	0.147	4		U
cis-1,2-Dichloroethene	0.0758	2.37	0.0758	4		U
cis-1,3-Dichloropropene	0.0427	1.42	0.0427	4		U
Dibromochloromethane	0.0332	1.42	0.0332	4		U
Dibromomethane	0.0569	2.37	0.0569	4		U
Dichlorodifluoromethane	0.0379	2.37	0.0379	4		U
Ethylbenzene	0.0616	2.37	1.35	4		FJ
Hexachlorobutadiene	0.180	1.42	0.180	4		U
Isopropylbenzene	0.0237	2.37	2.61	4		J
Methyl tert-butyl ether	0.0616	9.48	0.0616	4		U
Methylene chloride	0.284	2.37	0.284	4		U
n-Butylbenzene	0.0616	2.37	3.51	4		J
n-Propylbenzene	0.0142	2.37	3.48	4		J
Naphthalene	0.0995	2.37	11.4	4		J
o-Xylene	0.0806	2.37	6.00	4		J
p-Isopropyltoluene	0.0806	2.84	4.48	4		J
sec-Butylbenzene	0.0237	2.37	3.34	4		J
Styrene	0.0569	2.37	0.0569	4		U
tert-Butylbenzene	0.0379	2.37	0.829	4		FJ
Tetrachloroethene	0.0521	2.37	0.0521	4		U
Toluene	0.0237	2.37	0.379	4		FJ
trans-1,2-Dichloroethene	0.0569	2.37	0.0569	4		U
trans-1,3-Dichloropropene	0.0711	2.37	0.0711	4		U
Trichloroethene	0.0569	2.37	0.0569	4		U
Trichlorofluoromethane	0.0379	2.37	0.0379	4		U
Vinyl chloride	0.0616	2.37	0.0616	4		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001B	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	986	**File ID:**	T9177.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.142	4.74	12.6	4		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	72	52 - 149	
4-Bromofluorobenzene	141	84 - 118	*
Dibromofluoromethane	84	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1029030	353482 - 1413926	
Chlorobenzene-d5	952138	383378 - 1533514	
Fluorobenzene	2285953	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5') DL	**Lab Sample ID:**	0706146-001BDL	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1298.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.308	11.8	4.74	20		FJ
1,1,1,2-Tetrachloroethane	0.379	7.11	0.379	20		UJ
1,1,1-Trichloroethane	0.332	11.8	0.332	20		UJ
1,1,2,2-Tetrachloroethane	0.332	7.11	0.332	20		UJ
1,1,2-Trichloroethane	0.592	11.8	0.592	20		UJ
1,1-Dichloroethane	0.190	11.8	0.190	20		UJ
1,1-Dichloroethene	0.355	14.2	0.355	20		UJ
1,1-Dichloropropene	0.450	11.8	0.450	20		UJ
1,2,3-Trichlorobenzene	0.972	11.8	0.972	20		UJ
1,2,3-Trichloropropane	0.545	11.8	0.545	20		UJ
1,2,4-Trichlorobenzene	0.782	11.8	0.782	20		UJ
1,2,4-Trimethylbenzene	0.142	14.2	50.5	20		J
1,2-Dibromo-3-chloropropane	0.735	23.7	0.735	20		UJ
1,2-Dibromoethane	0.190	11.8	0.190	20		UJ
1,2-Dichlorobenzene	0.142	11.8	4.03	20		FJ
1,2-Dichloroethane	0.261	7.11	0.261	20		UJ
1,2-Dichloropropane	0.521	11.8	0.521	20		UJ
1,3,5-Trimethylbenzene	0.190	11.8	37.3	20		J
1,3-Dichlorobenzene	0.261	14.2	3.55	20		FJ
1,3-Dichloropropane	0.213	5.92	0.213	20		UJ
1,4-Dichlorobenzene	0.142	5.92	113	20		J
1-Chlorohexane	0.379	11.8	0.379	20		UJ
2,2-Dichloropropane	0.308	11.8	0.308	20		UJ
2-Butanone	0.995	47.4	0.995	20		UJ
2-Chlorotoluene	0.0948	11.8	0.0948	20		UJ
4-Chlorotoluene	0.166	11.8	0.166	20		UJ
4-Methyl-2-pentanone	0.758	47.4	0.758	20		UJ
Acetone	0.711	118	0.711	20		UJ
Benzene	0.118	5.92	0.118	20		UJ
Bromobenzene	0.355	11.8	0.355	20		UJ
Bromochloromethane	0.474	11.8	0.474	20		UJ
Bromodichloromethane	0.142	5.92	0.142	20		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5') DL	**Lab Sample ID:**	0706146-001BDL	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1298.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.403	14.2	0.403	20		UJ
Bromomethane	0.308	23.7	0.308	20		UJ
Carbon tetrachloride	0.284	11.8	0.284	20		UJ
Chlorobenzene	0.166	5.92	335	20		J
Chloroethane	0.592	11.8	0.592	20		UJ
Chloroform	0.166	5.92	0.166	20		UJ
Chloromethane	0.735	11.8	0.735	20		UJ
cis-1,2-Dichloroethene	0.379	11.8	0.379	20		UJ
cis-1,3-Dichloropropene	0.213	7.11	0.213	20		UJ
Dibromochloromethane	0.166	7.11	0.166	20		UJ
Dibromomethane	0.284	11.8	0.284	20		UJ
Dichlorodifluoromethane	0.190	11.8	0.190	20		UJ
Ethylbenzene	0.308	11.8	0.308	20		UJ
Hexachlorobutadiene	0.900	7.11	0.900	20		UJ
Isopropylbenzene	0.118	11.8	2.49	20		FJ
Methyl tert-butyl ether	0.308	47.4	0.308	20		UJ
Methylene chloride	1.42	11.8	3.08	20		FJ
n-Butylbenzene	0.308	11.8	0.308	20		UJ
n-Propylbenzene	0.0711	11.8	3.79	20		FJ
Naphthalene	0.498	11.8	12.9	20		J
o-Xylene	0.403	11.8	4.50	20		FJ
p-Isopropyltoluene	0.403	14.2	4.38	20		FJ
sec-Butylbenzene	0.118	11.8	3.32	20		FJ
Styrene	0.284	11.8	0.284	20		UJ
tert-Butylbenzene	0.190	11.8	0.190	20		UJ
Tetrachloroethene	0.261	11.8	0.261	20		UJ
Toluene	0.118	11.8	0.118	20		UJ
trans-1,2-Dichloroethene	0.284	11.8	0.284	20		UJ
trans-1,3-Dichloropropene	0.355	11.8	0.355	20		UJ
Trichloroethene	0.284	11.8	0.284	20		UJ
Trichlorofluoromethane	0.190	11.8	0.190	20		UJ
Vinyl chloride	0.308	11.8	0.308	20		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5') DL	**Lab Sample ID:**	0706146-001BDL	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1298.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.711	23.7	9.24	20		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	72	52 - 149	
4-Bromofluorobenzene	110	84 - 118	
Dibromofluoromethane	66	65 - 135	
Toluene-d8	74	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2681738	1128046 - 4512186	
Chlorobenzene-d5	3263514	1392345 - 5569380	
Fluorobenzene	5916831	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001BMS	**Matrix:**	Solid
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1294.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.0g (ew) 7-11-07

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0000308	0.118	128	20		
1,1,1,2-Tetrachloroethane	0.00379	0.000711	57.3	20		
1,1,1-Trichloroethane	0.00332	0.00118	59.7	20		
1,1,2,2-Tetrachloroethane	0.0000332	0.000711	58.7	20		
1,1,2-Trichloroethane	0.00592	0.118	59.4	20		
1,1-Dichloroethane	0.00190	0.00118	64.9	20		
1,1-Dichloroethene	0.00355	0.00142	63.3	20		
1,1-Dichloropropene	0.00450	0.118	61.5	20		
1,2,3-Trichlorobenzene	0.00972	0.00118	67.7	20		
1,2,3-Trichloropropane	0.00545	0.00118	49.2	20		
1,2,4-Trichlorobenzene	0.00782	0.00118	67.7	20		
1,2,4-Trimethylbenzene	0.00142	0.00142	90.6	20		
1,2-Dibromo-3-chloropropane	0.0000735	0.237	58.5	20		
1,2-Dibromoethane	0.00190	0.00118	60.8	20		
1,2-Dichlorobenzene	0.00142	0.00118	64.8	20		
1,2-Dichloroethane	0.00261	0.000711	57.7	20		
1,2-Dichloropropane	0.00521	0.00118	61.7	20		
1,3,5-Trimethylbenzene	0.00190	0.00118	94.9	20		
1,3-Dichlorobenzene	0.00261	0.00142	63.6	20		
1,3-Dichloropropane	0.00213	0.000592	63.1	20		
1,4-Dichlorobenzene	0.00142	0.0592	121	20		M
1-Chlorohexane	0.00379	0.00118	66.7	20		
2,2-Dichloropropane	0.00308	0.00118	51.4	20		
2-Butanone	0.00995	0.474	114	20		
2-Chlorotoluene	0.000948	0.118	68.7	20		
4-Chlorotoluene	0.00166	0.00118	56.1	20		
4-Methyl-2-pentanone	0.00758	0.00474	115	20		
Acetone	0.0000711	0.0118	148	20		
Benzene	0.00118	0.0592	62.4	20		
Bromobenzene	0.00355	0.00118	59.8	20		
Bromochloromethane	0.00474	0.00118	58.6	20		
Bromodichloromethane	0.00142	0.0592	59.8	20		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001BMS	**Matrix:**	Solid
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1294.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.0g @ 7-11-07

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0000403	0.142	59.5	20		
Bromomethane	0.00308	0.00237	63.5	20		
Carbon tetrachloride	0.00284	0.00118	59.4	20		
Chlorobenzene	0.00166	0.000592	228	20		M
Chloroethane	0.00592	0.118	68.2	20		
Chloroform	0.00166	0.000592	59.7	20		
Chloromethane	0.00735	0.00118	64.3	20		
cis-1,2-Dichloroethene	0.00379	0.00118	62.9	20		
cis-1,3-Dichloropropene	0.00213	0.0711	57.5	20		
Dibromochloromethane	0.00166	0.0711	60.2	20		
Dibromomethane	0.00284	0.00118	58.1	20		
Dichlorodifluoromethane	0.0000190	0.00118	72.1	20		Q
Ethylbenzene	0.00308	0.118	61.7	20		
Hexachlorobutadiene	0.00900	0.000711	68.4	20		
Isopropylbenzene	0.00118	0.00118	64.8	20		
Methyl tert-butyl ether	0.0000308	0.00474	62.9	20		
Methylene chloride	0.000142	0.118	61.8	20		
n-Butylbenzene	0.00308	0.00118	73.9	20		
n-Propylbenzene	0.000711	0.00118	68.0	20		
Naphthalene	0.00498	0.00118	73.2	20		
o-Xylene	0.00403	0.00118	67.2	20		
p-Isopropyltoluene	0.0000403	0.142	71.7	20		
sec-Butylbenzene	0.00118	0.00118	66.3	20		
Styrene	0.00284	0.00118	62.2	20		
tert-Butylbenzene	0.0000190	0.00118	66.5	20		
Tetrachloroethene	0.0000261	0.118	63.6	20		
Toluene	0.00118	0.00118	62.6	20		
trans-1,2-Dichloroethene	0.00284	0.00118	63.2	20		
trans-1,3-Dichloropropene	0.00355	0.00118	55.7	20		
Trichloroethene	0.0000284	0.118	62.9	20		
Trichlorofluoromethane	0.00190	0.00118	64.8	20		
Vinyl chloride	0.00308	0.00118	66.4	20		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001BMS	**Matrix:**	Solid
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1294.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.0g @ 7-11-07

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0000711	0.237	195	20		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	99	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2494615	1128046 - 4512186	
Chlorobenzene-d5	2914890	1392345 - 5569380	
Fluorobenzene	5194333	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8260B **Preparatory Method:** SW5035 Med **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID: AOC9-SB11-1 (11.5') **Lab Sample ID:** 0706146-001BMSD **Matrix:** Solid

% Solids: 84.40 **Initial Calibration ID:** 992 **File ID:** M1295.D

Date Received: 25-Jun-07 **Date Extracted:** **Date Analyzed:** 03-Jul-07

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg **Sample Size:** 5.0 g @ 7-11-07

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0000308	0.118	127	20		
1,1,1,2-Tetrachloroethane	0.00379	0.000711	56.3	20		
1,1,1-Trichloroethane	0.00332	0.00118	60.4	20		
1,1,2,2-Tetrachloroethane	0.0000332	0.000711	58.6	20		
1,1,2-Trichloroethane	0.00592	0.118	61.2	20		
1,1-Dichloroethane	0.00190	0.00118	63.6	20		
1,1-Dichloroethene	0.00355	0.00142	66.9	20		
1,1-Dichloropropene	0.00450	0.118	62.0	20		
1,2,3-Trichlorobenzene	0.00972	0.00118	66.9	20		
1,2,3-Trichloropropane	0.00545	0.00118	53.0	20		
1,2,4-Trichlorobenzene	0.00782	0.00118	70.0	20		
1,2,4-Trimethylbenzene	0.00142	0.00142	89.6	20		
1,2-Dibromo-3-chloropropane	0.0000735	0.237	58.5	20		
1,2-Dibromoethane	0.00190	0.00118	58.6	20		
1,2-Dichlorobenzene	0.00142	0.00118	65.7	20		
1,2-Dichloroethane	0.00261	0.000711	58.2	20		
1,2-Dichloropropane	0.00521	0.00118	61.3	20		
1,3,5-Trimethylbenzene	0.00190	0.00118	94.0	20		
1,3-Dichlorobenzene	0.00261	0.00142	63.7	20		
1,3-Dichloropropane	0.00213	0.000592	59.5	20		
1,4-Dichlorobenzene	0.00142	0.0592	119	20		M
1-Chlorohexane	0.00379	0.00118	65.6	20		
2,2-Dichloropropane	0.00308	0.00118	50.7	20		
2-Butanone	0.00995	0.474	119	20		
2-Chlorotoluene	0.000948	0.118	60.2	20		
4-Chlorotoluene	0.00166	0.00118	58.2	20		
4-Methyl-2-pentanone	0.00758	0.00474	117	20		
Acetone	0.0000711	0.0118	143	20		
Benzene	0.00118	0.0592	62.6	20		
Bromobenzene	0.00355	0.00118	59.0	20		
Bromochloromethane	0.00474	0.00118	60.5	20		
Bromodichloromethane	0.00142	0.0592	60.0	20		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001BMSD	**Matrix:**	Solid
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1295.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.0g (MW) 7-11-07

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0000403	0.142	59.1	20		
Bromomethane	0.00308	0.00237	60.9	20		
Carbon tetrachloride	0.00284	0.00118	60.1	20		
Chlorobenzene	0.00166	0.000592	222	20		M
Chloroethane	0.00592	0.118	67.4	20		
Chloroform	0.00166	0.000592	60.6	20		
Chloromethane	0.00735	0.00118	63.2	20		
cis-1,2-Dichloroethene	0.00379	0.00118	62.9	20		
cis-1,3-Dichloropropene	0.00213	0.0711	58.1	20		
Dibromochloromethane	0.00166	0.0711	57.3	20		
Dibromomethane	0.00284	0.00118	59.4	20		
Dichlorodifluoromethane	0.0000190	0.00118	72.6	20		Q
Ethylbenzene	0.00308	0.118	60.5	20		
Hexachlorobutadiene	0.00900	0.000711	63.6	20		
Isopropylbenzene	0.00118	0.00118	63.6	20		
Methyl tert-butyl ether	0.0000308	0.00474	63.4	20		
Methylene chloride	0.000142	0.118	60.7	20		
n-Butylbenzene	0.00308	0.00118	74.4	20		
n-Propylbenzene	0.000711	0.00118	66.6	20		
Naphthalene	0.00498	0.00118	75.2	20		
o-Xylene	0.00403	0.00118	63.8	20		
p-Isopropyltoluene	0.0000403	0.142	71.5	20		
sec-Butylbenzene	0.00118	0.00118	67.4	20		
Styrene	0.00284	0.00118	61.7	20		
tert-Butylbenzene	0.0000190	0.00118	65.3	20		
Tetrachloroethene	0.0000261	0.118	61.0	20		
Toluene	0.00118	0.00118	62.1	20		
trans-1,2-Dichloroethene	0.00284	0.00118	62.7	20		
trans-1,3-Dichloropropene	0.00355	0.00118	56.5	20		
Trichloroethene	0.0000284	0.118	64.7	20		
Trichlorofluoromethane	0.00190	0.00118	63.2	20		
Vinyl chloride	0.00308	0.00118	65.4	20		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-1 (11.5')	**Lab Sample ID:**	0706146-001BMSD	**Matrix:**	Solid
% Solids:	84.40	**Initial Calibration ID:**	992	**File ID:**	M1295.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.0g MD 7/1/07

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0000711	0.237	190	20		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2517763	1128046 - 4512186	
Chlorobenzene-d5	3003754	1392345 - 5569380	
Fluorobenzene	5180755	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-2 (15.5')	**Lab Sample ID:**	0706146-002A	**Matrix:**	Soil
% Solids:	83.00	**Initial Calibration ID:**	990	**File ID:**	J3403.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00572	0.00015	0.95		U
1,1,1,2-Tetrachloroethane	0.00018	0.00343	0.00018	0.95		U
1,1,1-Trichloroethane	0.00016	0.00572	0.00016	0.95		U
1,1,2,2-Tetrachloroethane	0.00016	0.00343	0.00016	0.95		U
1,1,2-Trichloroethane	0.00029	0.00572	0.00029	0.95		U
1,1-Dichloroethane	0.00009	0.00572	0.00009	0.95		U
1,1-Dichloroethene	0.00017	0.00687	0.00017	0.95		U
1,1-Dichloropropene	0.00022	0.00572	0.00022	0.95		U
1,2,3-Trichlorobenzene	0.00047	0.00572	0.00047	0.95		U
1,2,3-Trichloropropane	0.00026	0.00572	0.00026	0.95		U
1,2,4-Trichlorobenzene	0.00038	0.00572	0.00038	0.95		U
1,2,4-Trimethylbenzene	0.00007	0.00687	0.00007	0.95		U
1,2-Dibromo-3-chloropropane	0.00035	0.0114	0.00035	0.95		U
1,2-Dibromoethane	0.00009	0.00572	0.00009	0.95		U
1,2-Dichlorobenzene	0.00007	0.00572	0.00007	0.95		U
1,2-Dichloroethane	0.00013	0.00343	0.00013	0.95		U
1,2-Dichloropropane	0.00025	0.00572	0.00025	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00572	0.00009	0.95		U
1,3-Dichlorobenzene	0.00013	0.00687	0.00013	0.95		U
1,3-Dichloropropane	0.00010	0.00286	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00286	0.00007	0.95		U
1-Chlorohexane	0.00018	0.00572	0.00018	0.95		U
2,2-Dichloropropane	0.00015	0.00572	0.00015	0.95		U
2-Butanone	0.00048	0.0229	0.00048	0.95		U
2-Chlorotoluene	0.00005	0.00572	0.00005	0.95		U
4-Chlorotoluene	0.00008	0.00572	0.00008	0.95		U
4-Methyl-2-pentanone	0.00037	0.0229	0.00037	0.95		U
Acetone	0.00034	0.0572	0.00292	0.95		F
Benzene	0.00006	0.00286	0.00006	0.95		U
Bromobenzene	0.00017	0.00572	0.00017	0.95		U
Bromochloromethane	0.00023	0.00572	0.00023	0.95		U
Bromodichloromethane	0.00007	0.00286	0.00007	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-2 (15.5')	**Lab Sample ID:**	0706146-002A	**Matrix:**	Soil
% Solids:	83.00	**Initial Calibration ID:**	990	**File ID:**	J3403.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00687	0.00019	0.95		U
Bromomethane	0.00015	0.0114	0.00015	0.95		U
Carbon tetrachloride	0.00014	0.00572	0.00014	0.95		U
Chlorobenzene	0.00008	0.00286	0.00316	0.95		
Chloroethane	0.00029	0.00572	0.00029	0.95		U
Chloroform	0.00008	0.00286	0.00008	0.95		U
Chloromethane	0.00035	0.00572	0.00035	0.95		U
cis-1,2-Dichloroethene	0.00018	0.00572	0.00018	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00343	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00343	0.00008	0.95		U
Dibromomethane	0.00014	0.00572	0.00014	0.95		U
Dichlorodifluoromethane	0.00009	0.00572	0.00009	0.95		U
Ethylbenzene	0.00015	0.00572	0.00015	0.95		U
Hexachlorobutadiene	0.00043	0.00343	0.00043	0.95		U
Isopropylbenzene	0.00006	0.00572	0.00006	0.95		U
Methyl tert-butyl ether	0.00015	0.0229	0.00015	0.95		U
Methylene chloride	0.00069	0.00572	0.00377	0.95		F
n-Butylbenzene	0.00015	0.00572	0.00015	0.95		U
n-Propylbenzene	0.00003	0.00572	0.00003	0.95		U
Naphthalene	0.00024	0.00572	0.000893	0.95		F
o-Xylene	0.00019	0.00572	0.00019	0.95		U
p-Isopropyltoluene	0.00019	0.00687	0.00019	0.95		U
sec-Butylbenzene	0.00006	0.00572	0.00006	0.95		U
Styrene	0.00014	0.00572	0.00014	0.95		U
tert-Butylbenzene	0.00009	0.00572	0.00009	0.95		U
Tetrachloroethene	0.00013	0.00572	0.00013	0.95		U
Toluene	0.00006	0.00572	0.00180	0.95		F
trans-1,2-Dichloroethene	0.00014	0.00572	0.00014	0.95		U
trans-1,3-Dichloropropene	0.00017	0.00572	0.00017	0.95		U
Trichloroethene	0.00014	0.00572	0.00014	0.95		U
Trichlorofluoromethane	0.00009	0.00572	0.00009	0.95		U
Vinyl chloride	0.00015	0.00572	0.00015	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB11-2 (15.5')	**Lab Sample ID:**	0706146-002A	**Matrix:**	Soil
% Solids:	83.00	**Initial Calibration ID:**	990	**File ID:**	J3403.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00572	0.00034	0.95		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1387035	685144 - 2740574	
Chlorobenzene-d5	2249136	1005325 - 4021300	
Fluorobenzene	6218161	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1 (12')	**Lab Sample ID:**	0706146-003B	**Matrix:**	Soil
% Solids:	87.00	**Initial Calibration ID:**	986	**File ID:**	T9178.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.120	4.60	17.0	8		J
1,1,1,2-Tetrachloroethane	0.147	2.76	0.147	8		U
1,1,1-Trichloroethane	0.129	4.60	0.129	8		U
1,1,2,2-Tetrachloroethane	0.129	2.76	0.129	8		U
1,1,2-Trichloroethane	0.230	4.60	0.230	8		U
1,1-Dichloroethane	0.0736	4.60	0.0736	8		U
1,1-Dichloroethene	0.138	5.52	0.138	8		U
1,1-Dichloropropene	0.175	4.60	0.175	8		U
1,2,3-Trichlorobenzene	0.377	4.60	0.377	8		U
1,2,3-Trichloropropane	0.211	4.60	0.736	8		FJ
1,2,4-Trichlorobenzene	0.303	4.60	4.74	8		J
1,2,4-Trimethylbenzene	0.0552	5.52	40.0	8		J
1,2-Dibromo-3-chloropropane	0.285	9.20	0.285	8		UQ
1,2-Dibromoethane	0.0736	4.60	0.0736	8		U
1,2-Dichlorobenzene	0.0552	4.60	473	8		J
1,2-Dichloroethane	0.101	2.76	0.101	8		U
1,2-Dichloropropane	0.202	4.60	0.202	8		U
1,3,5-Trimethylbenzene	0.0736	4.60	20.1	8		J
1,3-Dichlorobenzene	0.101	5.52	19.0	8		J
1,3-Dichloropropane	0.0828	2.30	0.0828	8		U
1,4-Dichlorobenzene	0.0552	2.30	168	8		J
1-Chlorohexane	0.147	4.60	0.147	8		U
2,2-Dichloropropane	0.120	4.60	0.120	8		UQ
2-Butanone	0.386	18.4	0.386	8		U
2-Chlorotoluene	0.0368	4.60	0.0368	8		U
4-Chlorotoluene	0.0644	4.60	0.0644	8		U
4-Methyl-2-pentanone	0.294	18.4	0.294	8		U
Acetone	0.276	46.0	0.276	8		U
Benzene	0.0460	2.30	1.06	8		FJ
Bromobenzene	0.138	4.60	0.138	8		U
Bromochloromethane	0.184	4.60	0.184	8		U
Bromodichloromethane	0.0552	2.30	0.0552	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1 (12')	**Lab Sample ID:**	0706146-003B	**Matrix:**	Soil
% Solids:	87.00	**Initial Calibration ID:**	986	**File ID:**	T9178.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.156	5.52	0.156	8		U
Bromomethane	0.120	9.20	0.120	8		U
Carbon tetrachloride	0.110	4.60	0.110	8		U
Chlorobenzene	0.0644	2.30	399	8		J
Chloroethane	0.230	4.60	0.230	8		U
Chloroform	0.0644	2.30	0.0644	8		U
Chloromethane	0.285	4.60	0.285	8		U
cis-1,2-Dichloroethene	0.147	4.60	0.147	8		U
cis-1,3-Dichloropropene	0.0828	2.76	0.0828	8		U
Dibromochloromethane	0.0644	2.76	0.0644	8		U
Dibromomethane	0.110	4.60	0.110	8		U
Dichlorodifluoromethane	0.0736	4.60	0.0736	8		U
Ethylbenzene	0.120	4.60	3.49	8		FJ
Hexachlorobutadiene	0.349	2.76	0.349	8		U
Isopropylbenzene	0.0460	4.60	3.54	8		FJ
Methyl tert-butyl ether	0.120	18.4	0.120	8		U
Methylene chloride	0.552	4.60	0.552	8		U
n-Butylbenzene	0.120	4.60	3.13	8		FJ
n-Propylbenzene	0.0276	4.60	3.22	8		FJ
Naphthalene	0.193	4.60	11.7	8		J
o-Xylene	0.156	4.60	7.03	8		J
p-Isopropyltoluene	0.156	5.52	3.82	8		FJ
sec-Butylbenzene	0.0460	4.60	2.99	8		FJ
Styrene	0.110	4.60	0.110	8		U
tert-Butylbenzene	0.0736	4.60	0.782	8		FJ
Tetrachloroethene	0.101	4.60	0.101	8		U
Toluene	0.0460	4.60	1.43	8		FJ
trans-1,2-Dichloroethene	0.110	4.60	0.110	8		U
trans-1,3-Dichloropropene	0.138	4.60	0.138	8		U
Trichloroethene	0.110	4.60	0.110	8		U
Trichlorofluoromethane	0.0736	4.60	0.0736	8		U
Vinyl chloride	0.120	4.60	0.120	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1 (12')	**Lab Sample ID:**	0706146-003B	**Matrix:**	Soil
% Solids:	87.00	**Initial Calibration ID:**	986	**File ID:**	T9178.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.276	9.20	24.0	8		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	74	52 - 149	
4-Bromofluorobenzene	146	84 - 118	*
Dibromofluoromethane	83	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1059776	353482 - 1413926	
Chlorobenzene-d5	961879	383378 - 1533514	
Fluorobenzene	2340187	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1 (12') DL	**Lab Sample ID:**	0706146-003BDL	**Matrix:**	Soil
% Solids:	87.00	**Initial Calibration ID:**	992	**File ID:**	M1284.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.956	36.8	12.5	64		FJ
1,1,1,2-Tetrachloroethane	1.18	22.1	1.18	64		UJ
1,1,1-Trichloroethane	1.03	36.8	1.03	64		UJ
1,1,2,2-Tetrachloroethane	1.03	22.1	1.03	64		UJ
1,1,2-Trichloroethane	1.84	36.8	1.84	64		UJ
1,1-Dichloroethane	0.589	36.8	0.589	64		UJ
1,1-Dichloroethene	1.10	44.1	1.10	64		UJ
1,1-Dichloropropene	1.40	36.8	1.40	64		UJ
1,2,3-Trichlorobenzene	3.02	36.8	3.02	64		UJ
1,2,3-Trichloropropane	1.69	36.8	1.69	64		UJ
1,2,4-Trichlorobenzene	2.43	36.8	2.43	64		UJ
1,2,4-Trimethylbenzene	0.441	44.1	38.6	64		FJ
1,2-Dibromo-3-chloropropane	2.28	73.6	2.28	64		UJ
1,2-Dibromoethane	0.589	36.8	0.589	64		UJ
1,2-Dichlorobenzene	0.441	36.8	785	64		J
1,2-Dichloroethane	0.809	22.1	0.809	64		UJ
1,2-Dichloropropane	1.62	36.8	1.62	64		UJ
1,3,5-Trimethylbenzene	0.589	36.8	18.8	64		FJ
1,3-Dichlorobenzene	0.809	44.1	18.4	64		FJ
1,3-Dichloropropane	0.662	18.4	0.662	64		UJ
1,4-Dichlorobenzene	0.441	18.4	177	64		J
1-Chlorohexane	1.18	36.8	1.18	64		UJ
2,2-Dichloropropane	0.956	36.8	0.956	64		UJ
2-Butanone	3.09	147	3.09	64		UJ
2-Chlorotoluene	0.294	36.8	0.294	64		UJ
4-Chlorotoluene	0.515	36.8	0.515	64		UJ
4-Methyl-2-pentanone	2.35	147	2.35	64		UJ
Acetone	2.21	368	2.21	64		UJ
Benzene	0.368	18.4	0.368	64		UJ
Bromobenzene	1.10	36.8	1.10	64		UJ
Bromochloromethane	1.47	36.8	1.47	64		UJ
Bromodichloromethane	0.441	18.4	0.441	64		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1 (12') DL	**Lab Sample ID:**	0706146-003BDL	**Matrix:**	Soil
% Solids:	87.00	**Initial Calibration ID:**	992	**File ID:**	M1284.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	1.25	44.1	1.25	64		UJ
Bromomethane	0.956	73.6	0.956	64		UJ
Carbon tetrachloride	0.883	36.8	0.883	64		UJ
Chlorobenzene	0.515	18.4	435	64		J
Chloroethane	1.84	36.8	1.84	64		UJ
Chloroform	0.515	18.4	0.515	64		UJ
Chloromethane	2.28	36.8	2.28	64		UJ
cis-1,2-Dichloroethene	1.18	36.8	1.18	64		UJ
cis-1,3-Dichloropropene	0.662	22.1	0.662	64		UJ
Dibromochloromethane	0.515	22.1	0.515	64		UJ
Dibromomethane	0.883	36.8	0.883	64		UJ
Dichlorodifluoromethane	0.589	36.8	0.589	64		UJ
Ethylbenzene	0.956	36.8	0.956	64		UJ
Hexachlorobutadiene	2.80	22.1	2.80	64		UJ
Isopropylbenzene	0.368	36.8	0.368	64		UJ
Methyl tert-butyl ether	0.956	147	0.956	64		UJ
Methylene chloride	4.41	36.8	9.93	64		FJ
n-Butylbenzene	0.956	36.8	0.956	64		UJ
n-Propylbenzene	0.221	36.8	0.221	64		UJ
Naphthalene	1.54	36.8	9.93	64		FJ
o-Xylene	1.25	36.8	4.78	64		FJ
p-Isopropyltoluene	1.25	44.1	1.25	64		UJ
sec-Butylbenzene	0.368	36.8	0.368	64		UJ
Styrene	0.883	36.8	0.883	64		UJ
tert-Butylbenzene	0.589	36.8	0.589	64		UJ
Tetrachloroethene	0.809	36.8	0.809	64		UJ
Toluene	0.368	36.8	0.368	64		UJ
trans-1,2-Dichloroethene	0.883	36.8	0.883	64		UJ
trans-1,3-Dichloropropene	1.10	36.8	1.10	64		UJ
Trichloroethene	0.883	36.8	0.883	64		UJ
Trichlorofluoromethane	0.589	36.8	0.589	64		UJ
Vinyl chloride	0.956	36.8	0.956	64		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1 (12') DL	**Lab Sample ID:**	0706146-003BDL	**Matrix:**	Soil
% Solids:	87.00	**Initial Calibration ID:**	992	**File ID:**	M1284.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	2.21	73.6	17.3	64		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	71	52 - 149	
4-Bromofluorobenzene	192	84 - 118	*
Dibromofluoromethane	64	65 - 135	*
Toluene-d8	77	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2820993	1128046 - 4512186	
Chlorobenzene-d5	3402031	1392345 - 5569380	
Fluorobenzene	5952278	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1/D (12')	**Lab Sample ID:**	0706146-004B	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	986	**File ID:**	T9179.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.125	4.80	23.8	8		J
1,1,1,2-Tetrachloroethane	0.153	2.88	0.153	8		U
1,1,1-Trichloroethane	0.134	4.80	0.134	8		U
1,1,2,2-Tetrachloroethane	0.134	2.88	0.134	8		U
1,1,2-Trichloroethane	0.240	4.80	0.240	8		U
1,1-Dichloroethane	0.0767	4.80	0.0767	8		U
1,1-Dichloroethene	0.144	5.76	0.144	8		U
1,1-Dichloropropene	0.182	4.80	0.182	8		U
1,2,3-Trichlorobenzene	0.393	4.80	0.393	8		U
1,2,3-Trichloropropane	0.221	4.80	0.719	8		FJ
1,2,4-Trichlorobenzene	0.317	4.80	4.89	8		J
1,2,4-Trimethylbenzene	0.0576	5.76	41.6	8		J
1,2-Dibromo-3-chloropropane	0.297	9.59	0.297	8		UQ
1,2-Dibromoethane	0.0767	4.80	0.0767	8		U
1,2-Dichlorobenzene	0.0576	4.80	613	8		J
1,2-Dichloroethane	0.106	2.88	0.106	8		U
1,2-Dichloropropane	0.211	4.80	0.211	8		U
1,3,5-Trimethylbenzene	0.0767	4.80	19.3	8		J
1,3-Dichlorobenzene	0.106	5.76	23.5	8		J
1,3-Dichloropropane	0.0863	2.40	0.0863	8		U
1,4-Dichlorobenzene	0.0576	2.40	158	8		J
1-Chlorohexane	0.153	4.80	0.153	8		U
2,2-Dichloropropane	0.125	4.80	0.125	8		UQ
2-Butanone	0.403	19.2	0.403	8		U
2-Chlorotoluene	0.0384	4.80	0.0384	8		U
4-Chlorotoluene	0.0671	4.80	0.0671	8		U
4-Methyl-2-pentanone	0.307	19.2	0.307	8		U
Acetone	0.288	48.0	0.288	8		U
Benzene	0.0480	2.40	1.63	8		FJ
Bromobenzene	0.144	4.80	0.144	8		U
Bromochloromethane	0.192	4.80	0.192	8		U
Bromodichloromethane	0.0576	2.40	0.0576	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1/D (12')	**Lab Sample ID:**	0706146-004B	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	986	**File ID:**	T9179.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.163	5.76	0.163	8		U
Bromomethane	0.125	9.59	0.125	8		U
Carbon tetrachloride	0.115	4.80	0.115	8		U
Chlorobenzene	0.0671	2.40	339	8		J
Chloroethane	0.240	4.80	0.240	8		U
Chloroform	0.0671	2.40	0.0671	8		U
Chloromethane	0.297	4.80	0.297	8		U
cis-1,2-Dichloroethene	0.153	4.80	0.153	8		U
cis-1,3-Dichloropropene	0.0863	2.88	0.0863	8		U
Dibromochloromethane	0.0671	2.88	0.0671	8		U
Dibromomethane	0.115	4.80	0.115	8		U
Dichlorodifluoromethane	0.0767	4.80	0.0767	8		U
Ethylbenzene	0.125	4.80	4.84	8		J
Hexachlorobutadiene	0.365	2.88	0.365	8		U
Isopropylbenzene	0.0480	4.80	4.70	8		FJ
Methyl tert-butyl ether	0.125	19.2	0.125	8		U
Methylene chloride	0.576	4.80	0.576	8		U
n-Butylbenzene	0.125	4.80	2.64	8		FJ
n-Propylbenzene	0.0288	4.80	4.08	8		FJ
Naphthalene	0.201	4.80	13.3	8		J
o-Xylene	0.163	4.80	9.74	8		J
p-Isopropyltoluene	0.163	5.76	3.36	8		FJ
sec-Butylbenzene	0.0480	4.80	2.83	8		FJ
Styrene	0.115	4.80	0.115	8		U
tert-Butylbenzene	0.0767	4.80	0.624	8		FJ
Tetrachloroethene	0.106	4.80	0.106	8		U
Toluene	0.0480	4.80	3.36	8		FJ
trans-1,2-Dichloroethene	0.115	4.80	0.115	8		U
trans-1,3-Dichloropropene	0.144	4.80	0.144	8		U
Trichloroethene	0.115	4.80	1.53	8		FJ
Trichlorofluoromethane	0.0767	4.80	0.0767	8		U
Vinyl chloride	0.125	4.80	0.125	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1/D (12')	**Lab Sample ID:**	0706146-004B	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	986	**File ID:**	T9179.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.288	9.59	33.5	8		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	78	52 - 149	
4-Bromofluorobenzene	134	84 - 118	*
Dibromofluoromethane	87	65 - 135	
Toluene-d8	115	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1018612	353482 - 1413926	
Chlorobenzene-d5	954779	383378 - 1533514	
Fluorobenzene	2366197	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1/D (12') DL	**Lab Sample ID:**	0706146-004BDL	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	992	**File ID:**	M1282.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	2.00	76.7	13.8	128		FJ
1,1,1,2-Tetrachloroethane	2.46	46.0	2.46	128		UJ
1,1,1-Trichloroethane	2.15	76.7	2.15	128		UJ
1,1,2,2-Tetrachloroethane	2.15	46.0	2.15	128		UJ
1,1,2-Trichloroethane	3.84	76.7	3.84	128		UJ
1,1-Dichloroethane	1.23	76.7	1.23	128		UJ
1,1-Dichloroethene	2.30	92.1	2.30	128		UJ
1,1-Dichloropropene	2.92	76.7	2.92	128		UJ
1,2,3-Trichlorobenzene	6.29	76.7	6.29	128		UJ
1,2,3-Trichloropropane	3.53	76.7	3.53	128		UJ
1,2,4-Trichlorobenzene	5.06	76.7	5.06	128		UJ
1,2,4-Trimethylbenzene	0.921	92.1	27.6	128		FJ
1,2-Dibromo-3-chloropropane	4.76	153	4.76	128		UJ
1,2-Dibromoethane	1.23	76.7	1.23	128		UJ
1,2-Dichlorobenzene	0.921	76.7	1030	128		J
1,2-Dichloroethane	1.69	46.0	1.69	128		UJ
1,2-Dichloropropane	3.38	76.7	3.38	128		UJ
1,3,5-Trimethylbenzene	1.23	76.7	13.0	128		FJ
1,3-Dichlorobenzene	1.69	92.1	17.6	128		FJ
1,3-Dichloropropane	1.38	38.4	1.38	128		UJ
1,4-Dichlorobenzene	0.921	38.4	122	128		J
1-Chlorohexane	2.46	76.7	2.46	128		UJ
2,2-Dichloropropane	2.00	76.7	2.00	128		UJ
2-Butanone	6.45	307	6.45	128		UJ
2-Chlorotoluene	0.614	76.7	0.614	128		UJ
4-Chlorotoluene	1.07	76.7	1.07	128		UJ
4-Methyl-2-pentanone	4.91	307	4.91	128		UJ
Acetone	4.60	767	4.60	128		UJ
Benzene	0.767	38.4	0.767	128		UJ
Bromobenzene	2.30	76.7	2.30	128		UJ
Bromochloromethane	3.07	76.7	3.07	128		UJ
Bromodichloromethane	0.921	38.4	0.921	128		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1/D (12') DL	**Lab Sample ID:**	0706146-004BDL	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	992	**File ID:**	M1282.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	2.61	92.1	2.61	128		UJ
Bromomethane	2.00	153	2.00	128		UJ
Carbon tetrachloride	1.84	76.7	1.84	128		UJ
Chlorobenzene	1.07	38.4	262	128		J
Chloroethane	3.84	76.7	3.84	128		UJ
Chloroform	1.07	38.4	1.07	128		UJ
Chloromethane	4.76	76.7	4.76	128		UJ
cis-1,2-Dichloroethene	2.46	76.7	2.46	128		UJ
cis-1,3-Dichloropropene	1.38	46.0	1.38	128		UJ
Dibromochloromethane	1.07	46.0	1.07	128		UJ
Dibromomethane	1.84	76.7	1.84	128		UJ
Dichlorodifluoromethane	1.23	76.7	1.23	128		UJ
Ethylbenzene	2.00	76.7	2.00	128		UJ
Hexachlorobutadiene	5.83	46.0	5.83	128		UJ
Isopropylbenzene	0.767	76.7	0.767	128		UJ
Methyl tert-butyl ether	2.00	307	2.00	128		UJ
Methylene chloride	9.21	76.7	17.6	128		FJ
n-Butylbenzene	2.00	76.7	2.00	128		UJ
n-Propylbenzene	0.460	76.7	0.460	128		UJ
Naphthalene	3.22	76.7	9.21	128		FJ
o-Xylene	2.61	76.7	2.61	128		UJ
p-Isopropyltoluene	2.61	92.1	2.61	128		UJ
sec-Butylbenzene	0.767	76.7	0.767	128		UJ
Styrene	1.84	76.7	1.84	128		UJ
tert-Butylbenzene	1.23	76.7	1.23	128		UJ
Tetrachloroethene	1.69	76.7	1.69	128		UJ
Toluene	0.767	76.7	0.767	128		UJ
trans-1,2-Dichloroethene	1.84	76.7	1.84	128		UJ
trans-1,3-Dichloropropene	2.30	76.7	2.30	128		UJ
Trichloroethene	1.84	76.7	1.84	128		UJ
Trichlorofluoromethane	1.23	76.7	1.23	128		UJ
Vinyl chloride	2.00	76.7	2.00	128		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-1/D (12') DL	**Lab Sample ID:**	0706146-004BDL	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	992	**File ID:**	M1282.D
Date Received:	25-Jun-07	**Date Extracted:**	25-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	4.60	153	13.8	128		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	77	52 - 149	
4-Bromofluorobenzene	179	84 - 118	*
Dibromofluoromethane	51	65 - 135	*
Toluene-d8	90	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2965839	1128046 - 4512186	
Chlorobenzene-d5	3416724	1392345 - 5569380	
Fluorobenzene	6083220	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-2 (15.5')	**Lab Sample ID:**	0706146-005A	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	990	**File ID:**	J3404.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.83 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00630	0.00016	1.04		U
1,1,1,2-Tetrachloroethane	0.00020	0.00378	0.00020	1.04		U
1,1,1-Trichloroethane	0.00018	0.00630	0.00018	1.04		U
1,1,2,2-Tetrachloroethane	0.00018	0.00378	0.00018	1.04		U
1,1,2-Trichloroethane	0.00032	0.00630	0.00032	1.04		U
1,1-Dichloroethane	0.00010	0.00630	0.00010	1.04		U
1,1-Dichloroethene	0.00019	0.00756	0.00019	1.04		U
1,1-Dichloropropene	0.00024	0.00630	0.00024	1.04		U
1,2,3-Trichlorobenzene	0.00052	0.00630	0.00052	1.04		U
1,2,3-Trichloropropane	0.00029	0.00630	0.00029	1.04		U
1,2,4-Trichlorobenzene	0.00042	0.00630	0.00042	1.04		U
1,2,4-Trimethylbenzene	0.00008	0.00756	0.00008	1.04		U
1,2-Dibromo-3-chloropropane	0.00039	0.0126	0.00039	1.04		U
1,2-Dibromoethane	0.00010	0.00630	0.00010	1.04		U
1,2-Dichlorobenzene	0.00008	0.00630	0.00008	1.04		U
1,2-Dichloroethane	0.00014	0.00378	0.00014	1.04		U
1,2-Dichloropropane	0.00028	0.00630	0.00028	1.04		U
1,3,5-Trimethylbenzene	0.00010	0.00630	0.00010	1.04		U
1,3-Dichlorobenzene	0.00014	0.00756	0.00014	1.04		U
1,3-Dichloropropane	0.00011	0.00315	0.00011	1.04		U
1,4-Dichlorobenzene	0.00008	0.00315	0.00008	1.04		U
1-Chlorohexane	0.00020	0.00630	0.00020	1.04		U
2,2-Dichloropropane	0.00016	0.00630	0.00016	1.04		U
2-Butanone	0.00053	0.0252	0.00053	1.04		U
2-Chlorotoluene	0.00005	0.00630	0.00005	1.04		U
4-Chlorotoluene	0.00009	0.00630	0.00009	1.04		U
4-Methyl-2-pentanone	0.00040	0.0252	0.00040	1.04		U
Acetone	0.00038	0.0630	0.00295	1.04		F
Benzene	0.00006	0.00315	0.00006	1.04		U
Bromobenzene	0.00019	0.00630	0.00019	1.04		U
Bromochloromethane	0.00025	0.00630	0.00025	1.04		U
Bromodichloromethane	0.00008	0.00315	0.00008	1.04		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-2 (15.5')	**Lab Sample ID:**	0706146-005A	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	990	**File ID:**	J3404.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.83 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00021	0.00756	0.00021	1.04		U
Bromomethane	0.00016	0.0126	0.00016	1.04		U
Carbon tetrachloride	0.00015	0.00630	0.00015	1.04		U
Chlorobenzene	0.00009	0.00315	0.00009	1.04		U
Chloroethane	0.00032	0.00630	0.00032	1.04		U
Chloroform	0.00009	0.00315	0.00009	1.04		U
Chloromethane	0.00039	0.00630	0.00039	1.04		U
cis-1,2-Dichloroethene	0.00020	0.00630	0.00020	1.04		U
cis-1,3-Dichloropropene	0.00011	0.00378	0.00011	1.04		U
Dibromochloromethane	0.00009	0.00378	0.00009	1.04		U
Dibromomethane	0.00015	0.00630	0.00015	1.04		U
Dichlorodifluoromethane	0.00010	0.00630	0.00010	1.04		U
Ethylbenzene	0.00016	0.00630	0.00016	1.04		U
Hexachlorobutadiene	0.00048	0.00378	0.00048	1.04		U
Isopropylbenzene	0.00006	0.00630	0.00006	1.04		U
Methyl tert-butyl ether	0.00016	0.0252	0.00016	1.04		U
Methylene chloride	0.00076	0.00630	0.00321	1.04		F
n-Butylbenzene	0.00016	0.00630	0.00016	1.04		U
n-Propylbenzene	0.00004	0.00630	0.00004	1.04		U
Naphthalene	0.00026	0.00630	0.00026	1.04		U
o-Xylene	0.00021	0.00630	0.00021	1.04		U
p-Isopropyltoluene	0.00021	0.00756	0.00021	1.04		U
sec-Butylbenzene	0.00006	0.00630	0.00006	1.04		U
Styrene	0.00015	0.00630	0.00015	1.04		U
tert-Butylbenzene	0.00010	0.00630	0.00010	1.04		U
Tetrachloroethene	0.00014	0.00630	0.00014	1.04		U
Toluene	0.00006	0.00630	0.000933	1.04		F
trans-1,2-Dichloroethene	0.00015	0.00630	0.00015	1.04		U
trans-1,3-Dichloropropene	0.00019	0.00630	0.00019	1.04		U
Trichloroethene	0.00015	0.00630	0.00015	1.04		U
Trichlorofluoromethane	0.00010	0.00630	0.00010	1.04		U
Vinyl chloride	0.00016	0.00630	0.00016	1.04		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB12-2 (15.5')	**Lab Sample ID:**	0706146-005A	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	990	**File ID:**	J3404.D
Date Received:	25-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.83 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00038	0.00630	0.00038	1.04		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	91	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1273167	685144 - 2740574	
Chlorobenzene-d5	2111360	1005325 - 4021300	
Fluorobenzene	6084067	2897598 - 11590392	

Comments:

Life Science Laboratories, Inc.

Date: *02-Jul-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0706136
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB06-1 (7.5')	0706136-001C	wt%	6/21/2007	6/22/2007	6/22/2007	R10051	14.2
AOC9-SB06-2 (10.5')	0706136-002C	wt%	6/21/2007	6/22/2007	6/22/2007	R10051	16.7
AOC9-SB07-1 (7.0')	0706136-003C	wt%	6/21/2007	6/22/2007	6/22/2007	R10051	5.10
AOC9-SB07-2 (12.5')	0706136-004C	wt%	6/21/2007	6/22/2007	6/22/2007	R10051	9.60
AOC9-SB08-1 (9.0')	0706136-005C	wt%	6/21/2007	6/22/2007	6/22/2007	R10051	13.6
AOC9-SB09-1 (11.5')	0706136-006C	wt%	6/22/2007	6/22/2007	6/22/2007	R10051	10.2
AOC9-SB09-2 (16.0')	0706136-007C	wt%	6/22/2007	6/22/2007	6/22/2007	R10051	15.4
AOC9-SB10-1 (16.5')	0706136-008C	wt%	6/22/2007	6/22/2007	6/22/2007	R10051	15.6
AOC9-SB10-2 (20.5')	0706136-009C	wt%	6/22/2007	6/22/2007	6/22/2007	R10051	15.9

Life Science Laboratories, Inc.

Date: *02-Jul-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0706146
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB11-1 (11.5')	0706146-001C	wt%	6/25/2007	6/25/2007	6/25/2007	R10078	15.6
AOC9-SB11-2 (15.5')	0706146-002C	wt%	6/25/2007	6/25/2007	6/25/2007	R10078	17.0
AOC9-SB12-1 (12')	0706146-003C	wt%	6/25/2007	6/25/2007	6/25/2007	R10078	13.0
AOC9-SB12-1/D (12')	0706146-004C	wt%	6/25/2007	6/25/2007	6/25/2007	R10078	16.6
AOC9-SB12-2 (15.5')	0706146-005C	wt%	6/25/2007	6/25/2007	6/25/2007	R10078	17.5

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #: R9583

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 09MAY07

Initial Calibration ID: 963

Concentration Units (ug/L or mg/kg): ug/Kg

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 09:06:27 2007
Response via : Initial Calibration

ICAL #963

Calibration Files
2.0 =J2831.D 5.0 =J2832.D 20 =J2833.D
50 =J2834.D 100 =J2835.D 150 =J2838.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.295	0.327	0.315	0.238	0.287	0.298	0.293	9.61
3)	P	Chloromethane	0.340	0.351	0.301	0.253	0.264	0.231	0.284	16.78
4)	CP	Vinyl chloride	0.282	0.314	0.321	0.272	0.302	0.290	0.297	5.87
5)		Bromomethane	0.256	0.264	0.243	0.172	0.196	0.186	0.216	16.96
6)		Chloroethane	0.099	0.105	0.089	0.071	0.073	0.061	0.080	21.90
7)		Trichlorofluorometh	0.363	0.342	0.309	0.225	0.260	0.212	0.274	23.57
8)		Acetone	0.169	0.134	0.143	0.099	0.104	0.089	0.119	24.98
9)		Acrolein	0.050	0.062	0.078	0.053	0.053	0.048	0.056	19.82
10)	CPM	1,1-Dichloroethene	0.156	0.198	0.189	0.156	0.204	0.206	0.190	13.56
11)		Methyl iodide		0.007	0.036	0.084	0.166	0.195	0.120	75.70
12)		1,1,2-Trichloro-1,2	0.160	0.198	0.198	0.139	0.196	0.209	0.189	15.24
13)		Methyl acetate	0.290	0.254	0.285	0.203	0.219	0.200	0.237	16.44
14)		Acrylonitrile	0.098	0.121	0.148	0.105	0.115	0.104	0.114	14.79
15)		Methylene chloride		0.571	0.449	0.231	0.258	0.244	0.337	41.70
16)		Carbon disulfide	0.721	0.852	0.834	0.674	0.781	0.747	0.759	8.75
17)		trans-1,2-Dichloroe	0.201	0.229	0.240	0.222	0.252	0.253	0.238	9.58
18)		Methyl tert-Butyl e	0.574	0.651	0.783	0.634	0.727	0.663	0.668	10.17
19)	P	1,1-Dichloroethane	0.413	0.459	0.474	0.399	0.438	0.399	0.427	7.02
20)		Vinyl acetate	0.335	0.427	0.543	0.421	0.498	0.459	0.448	14.59
21)		2-Butanone	0.452	0.311	0.248	0.159	0.165	0.142	0.233	49.57
22)		cis-1,2-Dichloroeth	0.228	0.257	0.284	0.248	0.284	0.281	0.269	9.17
23)		Bromochloromethane	0.104	0.113	0.126	0.109	0.125	0.131	0.122	10.97
24)	CP	Chloroform	0.388	0.431	0.460	0.381	0.424	0.398	0.413	6.68
25)		2,2-Dichloropropane	0.226	0.254	0.271	0.280	0.337	0.333	0.294	16.41
26)		Cyclohexane	0.353	0.440	0.465	0.345	0.440	0.413	0.410	11.04
27)	S	Dibromofluoromethan	0.165	0.196	0.216	0.185	0.217	0.220	0.206	12.28
28)	S	1,2-Dichloroethane-	0.265	0.278	0.307	0.228	0.254	0.229	0.258	11.06
29)		1,2-Dichloroethane	0.278	0.322	0.372	0.273	0.300	0.274	0.300	12.15
30)		1,1,1-Trichloroetha	0.238	0.281	0.310	0.296	0.357	0.350	0.315	15.11
31)		1,1-Dichloropropene	0.266	0.318	0.338	0.290	0.335	0.323	0.315	8.59
32)		Carbon tetrachlorid	0.145	0.151	0.160	0.176	0.222	0.240	0.193	24.01
33)	M	Benzene	0.965	1.111	1.199	1.015	1.067	0.860	0.997	15.05
34)	M	Trichloroethene	0.228	0.263	0.268	0.238	0.272	0.272	0.261	7.84
35)		Dibromomethane	0.131	0.143	0.170	0.136	0.155	0.152	0.150	9.37
36)		Methylcyclohexane	0.373	0.463	0.463	0.357	0.451	0.455	0.431	10.54
37)	CP	1,2-Dichloropropane	0.225	0.260	0.290	0.237	0.266	0.247	0.255	8.29
38)		Bromodichloromethan	0.212	0.242	0.288	0.254	0.303	0.297	0.273	13.66
39)		2-Chloroethylvinyl	0.028	0.034	0.056	0.037	0.077	0.081	0.058	44.48
40)		4-Methyl-2-pentanon	0.212	0.272	0.383	0.266	0.286	0.235	0.269	20.98
41)		cis-1,3-Dichloropro	0.266	0.324	0.387	0.353	0.419	0.401	0.365	15.02
42)	S	Toluene-d8	0.763	0.853	0.896	0.789	0.853	0.742	0.796	9.59
43)	CPM	Toluene	1.017	0.836	0.750	0.617	0.677	0.616	0.730	21.00

OK (W) 5-23-07 ABM 5-11-07

(#) = Out of Range ### Number of calibration levels exceeded format ###
J509VOCS.M Thu May 10 09:11:33 2007 P

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 09:06:27 2007
Response via : Initial Calibration

Calibration Files
2.0 =J2831.D 5.0 =J2832.D 20 =J2833.D
50 =J2834.D 100 =J2835.D 150 =J2838.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.222	0.256	0.331	0.307	0.363	0.350	0.312	17.46
45)		1,1,2-Trichloroetha	0.157	0.194	0.226	0.178	0.201	0.194	0.194	11.20
46)		2-Hexanone	0.152	0.195	0.292	0.207	0.227	0.193	0.208	20.70
47)		1,2-Dibromoethane	0.158	0.185	0.241	0.198	0.233	0.233	0.214	15.83
48)	I	Chlorobenzene-d5	ISTD							
49)		1,3-Dichloropropane	0.883	1.013	1.214	0.976	1.109	1.040	1.040	9.97
50)		Dibromochloromethan	0.303	0.353	0.454	0.460	0.583	0.637	0.497	29.16
51)		Tetrachloroethene	0.439	0.513	0.541	0.518	0.625	0.706	0.586	19.65
52)		1-Chlorohexane	0.595	0.734	0.775	0.734	0.884	0.909	0.793	14.96
53)		1,1,1,2-Tetrachloro	0.364	0.365	0.444	0.463	0.571	0.613	0.497	23.94
54)	PM	Chlorobenzene	1.532	1.714	1.792	1.613	1.799	1.677	1.672	6.23
55)	CP	Ethylbenzene	2.545	2.918	3.083	2.761	2.904	2.299	2.636	15.26
56)		(m+p)-Xylene	0.723	0.914	1.009	0.948	1.083	1.003	0.940	12.16
57)		o-Xylene	0.667	0.852	0.996	0.938	1.098	1.105	0.971	17.44
58)		Styrene	1.005	1.288	1.607	1.563	1.826	1.718	1.516	18.43
59)	P	Bromoform	0.169	0.171	0.243	0.268	0.358	0.404	0.296	38.19
60)	S	Bromofluorobenzene	0.905	0.704	0.769	0.679	0.784	0.785	0.779	9.64
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.123	0.166	0.216	0.219	0.270	0.267	0.222	27.52
63)	P	1,1,2,2-Tetrachloro	1.321	1.468	1.739	1.274	1.385	1.223	1.379	13.10
64)		Isopropylbenzene	3.242	4.091	4.267	3.740	3.896	2.971	3.528	18.35
65)		1,2,3-Trichloroprop	1.241	1.255	1.457	1.039	1.111	0.983	1.158	14.64
66)		Bromobenzene	0.876	0.961	1.009	0.875	1.002	1.001	0.969	7.19
67)		n-Propylbenzene	3.813	4.681	4.988	4.226	4.310	3.166	3.967	21.36
68)		2-Chlorotoluene	2.668	3.174	3.335	2.762	3.027	2.589	2.851	11.85
69)		4-Chlorotoluene	2.227	2.705	2.950	2.434	2.622	2.262	2.463	12.79
70)		1,3,5-Trimethylbenz	2.194	2.724	3.107	2.583	2.900	2.462	2.599	13.06
71)		tert-Butylbenzene	1.932	2.389	2.684	2.398	2.699	2.316	2.362	11.83
72)		1,2,4-Trimethylbenz	1.930	2.457	2.946	2.374	2.681	2.283	2.395	14.36
73)		sec-Butylbenzene	3.056	3.920	4.274	3.686	3.875	2.879	3.441	19.60
74)		1,3-Dichlorobenzene	1.450	1.644	1.699	1.488	1.654	1.562	1.577	5.84
75)		p-Isopropyltoluene	1.916	2.576	3.069	2.628	2.970	2.471	2.539	16.28
76)		1,4-Dichlorobenzene	1.460	1.579	1.683	1.462	1.613	1.534	1.549	5.29
77)		n-Butylbenzene	2.021	2.540	2.799	2.240	2.502	2.129	2.309	13.61
78)		1,2-Dichlorobenzene	1.333	1.568	1.677	1.461	1.632	1.527	1.530	7.42
79)		1,2-Dibromo-3-chlor	0.210	0.198	0.205	0.199	0.237	0.216	0.214	7.18
80)		1,2,4-Trichlorobenz	0.759	0.852	0.836	0.751	0.886	0.863	0.825	6.23
81)		Hexachlorobutadiene	0.390	0.480	0.491	0.425	0.512	0.540	0.485	12.32
82)		Naphthalene	2.044	2.236	2.163	1.888	2.159	1.807	1.972	13.05
83)		1,2,3-Trichlorobenz	0.805	0.794	0.729	0.686	0.832	0.793	0.769	6.64

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 10:48:57 2007
Response via : Initial Calibration

Calibration Files
200 =J2839.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.294		
3)	P	Chloromethane	0.247		
4)	CP	Vinyl chloride	0.298		
5)		Bromomethane	0.199		
6)		Chloroethane	0.063		
7)		Trichlorofluorometh	0.205		
8)		Acetone	0.095		
9)		Acrolein	0.046		
10)	CPM	1,1-Dichloroethene	0.225		
11)		Methyl iodide	0.231		
12)		1,1,2-Trichloro-1,2	0.221		
13)		Methyl acetate	0.209		
14)		Acrylonitrile	0.105		
15)		Methylene chloride	0.267		
16)		Carbon disulfide	0.705		
17)		trans-1,2-Dichloroe	0.269		
18)		Methyl tert-Butyl e	0.642		
19)	P	1,1-Dichloroethane	0.409		
20)		Vinyl acetate	0.453		
21)		2-Butanone	0.150		
22)		cis-1,2-Dichloroeth	0.297		
23)		Bromochloromethane	0.142		
24)	CP	Chloroform	0.407		
25)		2,2-Dichloropropane	0.355		
26)		Cyclohexane	0.418		
27)	S	Dibromofluoromethan	0.240		
28)	S	1,2-Dichloroethane-	0.242		
29)		1,2-Dichloroethane	0.282		
30)		1,1,1-Trichloroetha	0.371		
31)		1,1-Dichloropropene	0.335		
32)		Carbon tetrachlorid	0.259		
33)	M	Benzene	0.760		
34)	M	Trichloroethene	0.286		
35)		Dibromomethane	0.163		
36)		Methylcyclohexane	0.452		
37)	CP	1,2-Dichloropropane	0.259		
38)		Bromodichloromethan	0.313		
39)		2-Chloroethylvinyl	0.091		
40)		4-Methyl-2-pentanon	0.231		
41)		cis-1,3-Dichloropro	0.406		
42)	S	Toluene-d8	0.675		
43)	CPM	Toluene	0.595		

(#) = Out of Range ### Number of calibration levels exceeded format ###

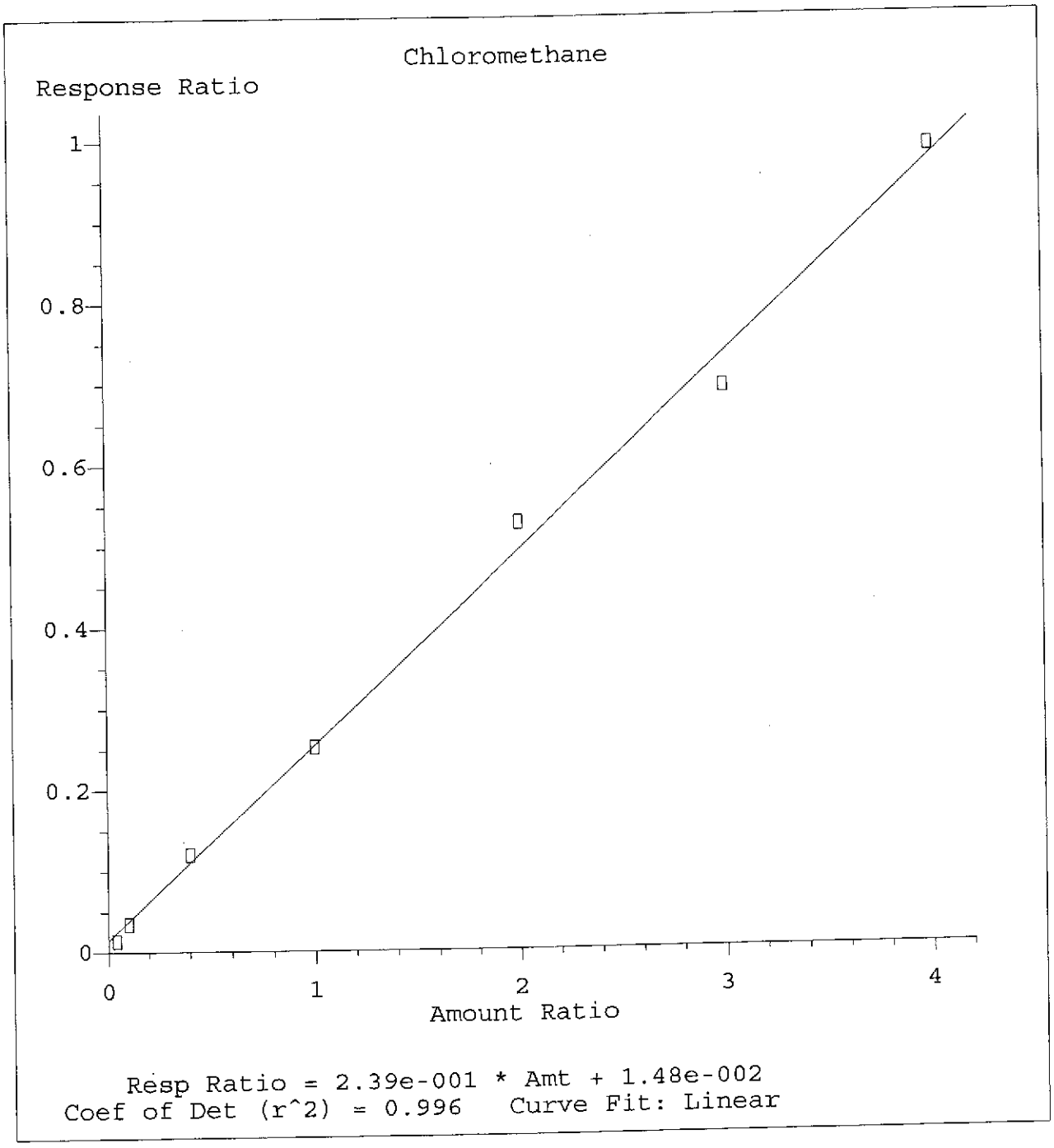
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J509VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu May 10 10:48:57 2007
Response via : Initial Calibration

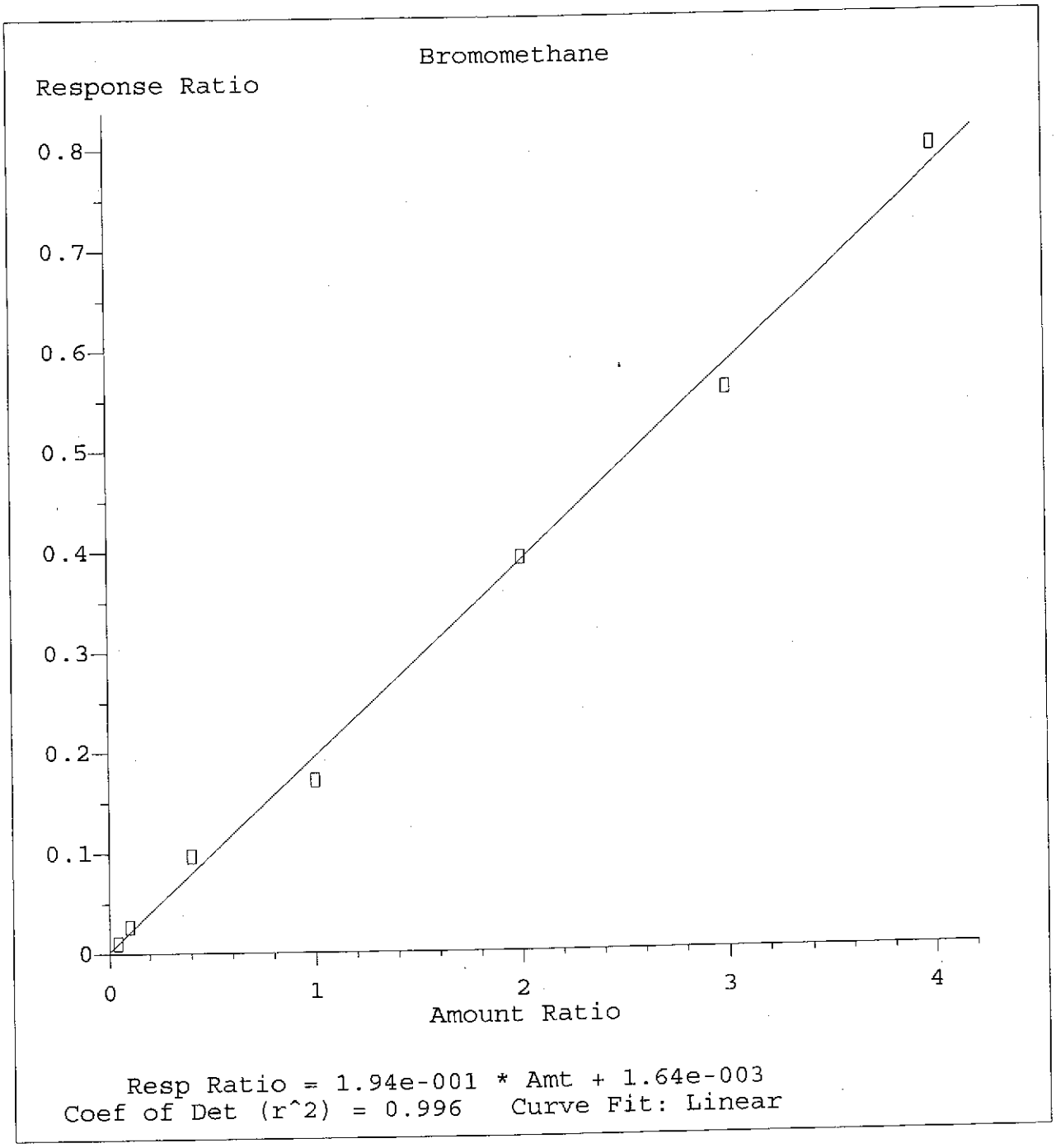
Calibration Files
200 =J2839.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.359		
45)		1,1,2-Trichloroetha	0.205		
46)		2-Hexanone	0.194		
47)		1,2-Dibromoethane	0.248		
48)	I	Chlorobenzene-d5	ISTD		
49)		1,3-Dichloropropane	1.047		
50)		Dibromochloromethan	0.690		
51)		Tetrachloroethene	0.758		
52)		1-Chlorohexane	0.921		
53)		1,1,1,2-Tetrachloro	0.661		
54)	PM	Chlorobenzene	1.576		
55)	CP	Ethylbenzene	1.941		
56)		(m+p)-Xylene	0.903		
57)		o-Xylene	1.142		
58)		Styrene	1.603		
59)	P	Bromoform	0.456		
60)	S	Bromofluorobenzene	0.825		
61)	I	1,4-Dichlorobenzene-d	ISTD		
62)		trans-1,4-Dichloro-	0.293		
63)	P	1,1,2,2-Tetrachloro	1.240		
64)		Isopropylbenzene	2.489		
65)		1,2,3-Trichloroprop	1.019		
66)		Bromobenzene	1.057		
67)		n-Propylbenzene	2.586		
68)		2-Chlorotoluene	2.400		
69)		4-Chlorotoluene	2.042		
70)		1,3,5-Trimethylbenz	2.221		
71)		tert-Butylbenzene	2.114		
72)		1,2,4-Trimethylbenz	2.093		
73)		sec-Butylbenzene	2.396		
74)		1,3-Dichlorobenzene	1.543		
75)		p-Isopropyltoluene	2.143		
76)		1,4-Dichlorobenzene	1.509		
77)		n-Butylbenzene	1.933		
78)		1,2-Dichlorobenzene	1.509		
79)		1,2-Dibromo-3-chlor	0.231		
80)		1,2,4-Trichlorobenz	0.831		
81)		Hexachlorobutadiene	0.555		
82)		Naphthalene	1.506		
83)		1,2,3-Trichlorobenz	0.743		

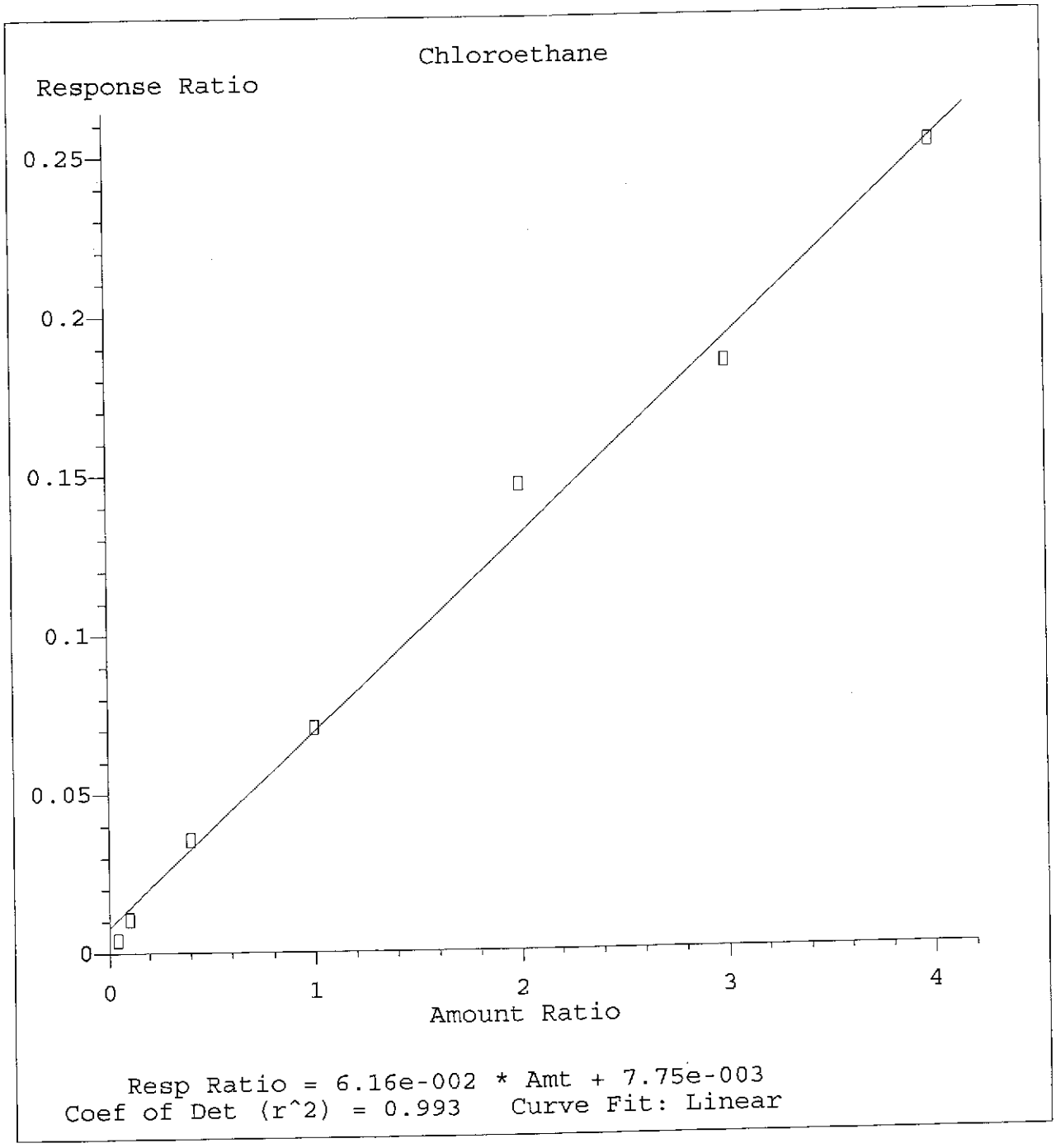
(#) = Out of Range ### Number of calibration levels exceeded format ##"



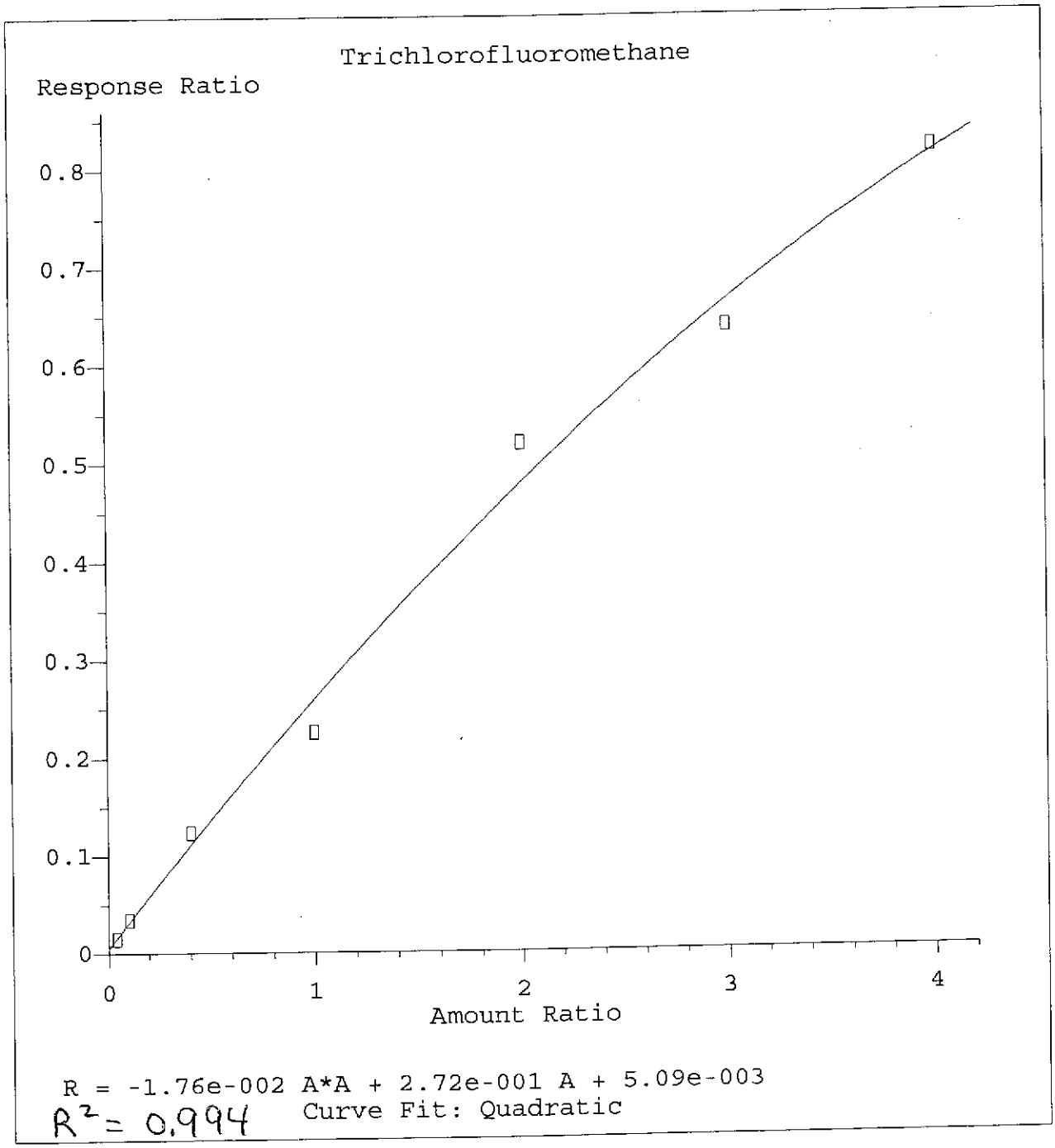
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:42:40 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:43:57 2007

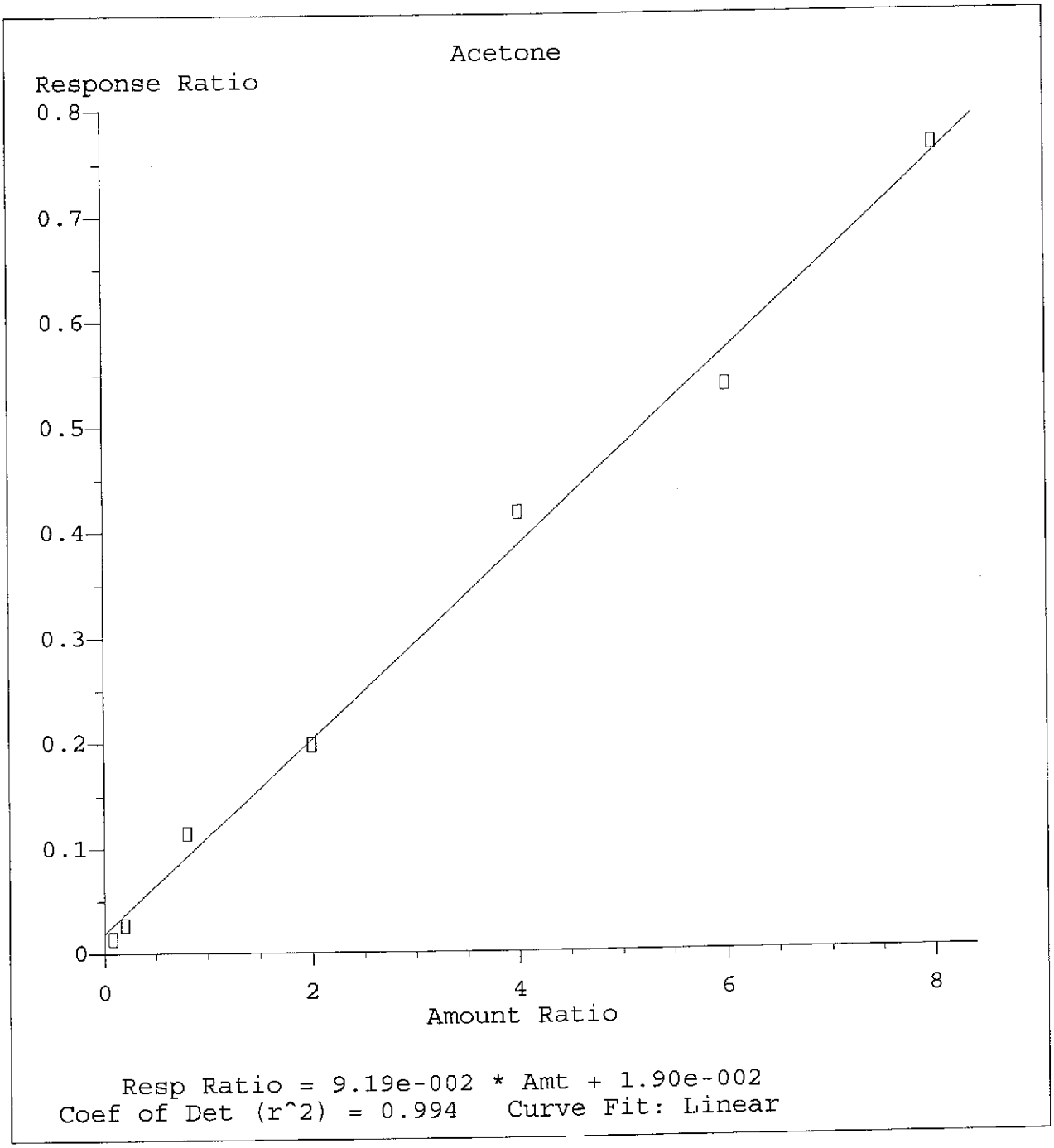


Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:44:16 2007

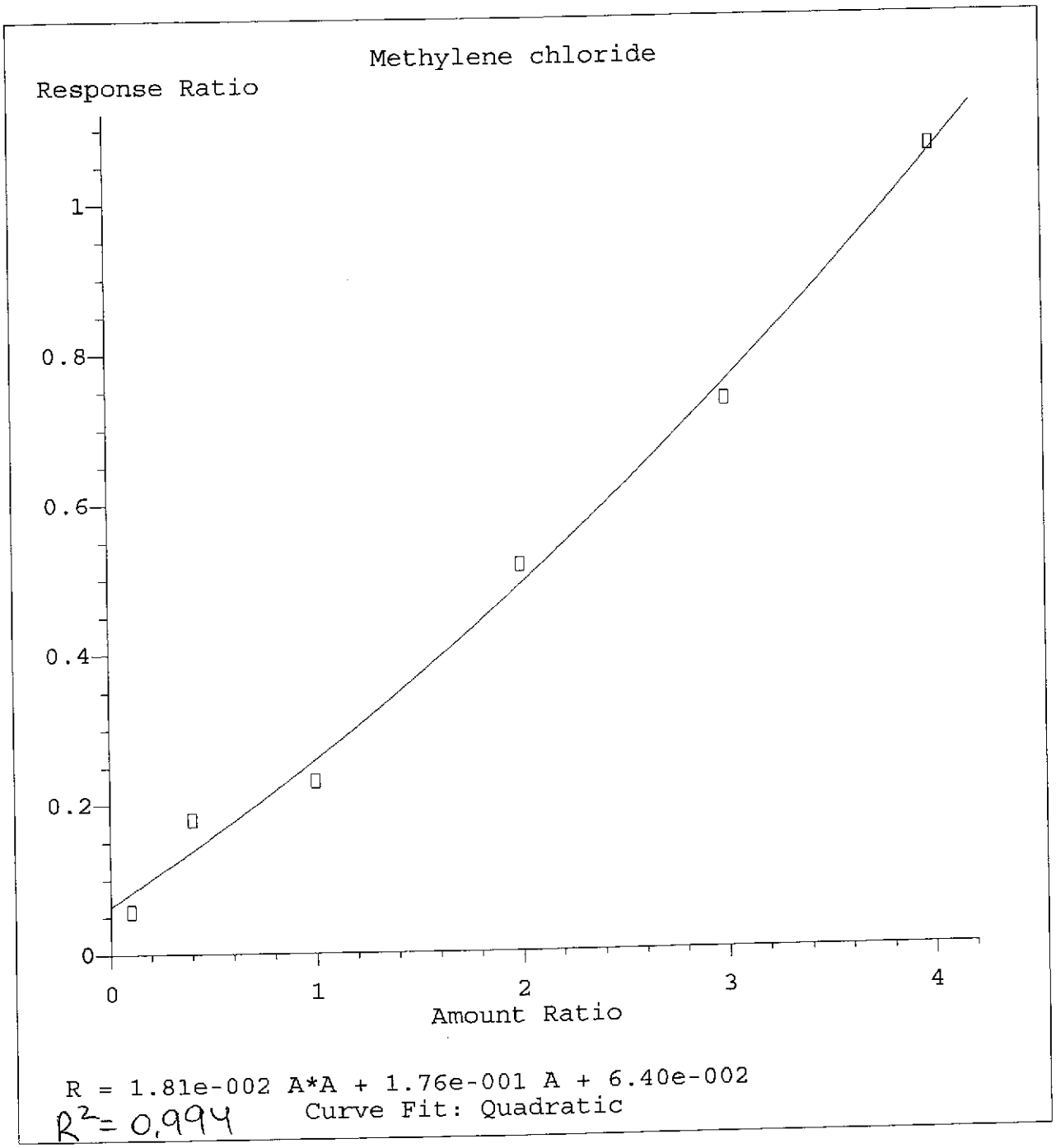


$R^2 = 0.994$

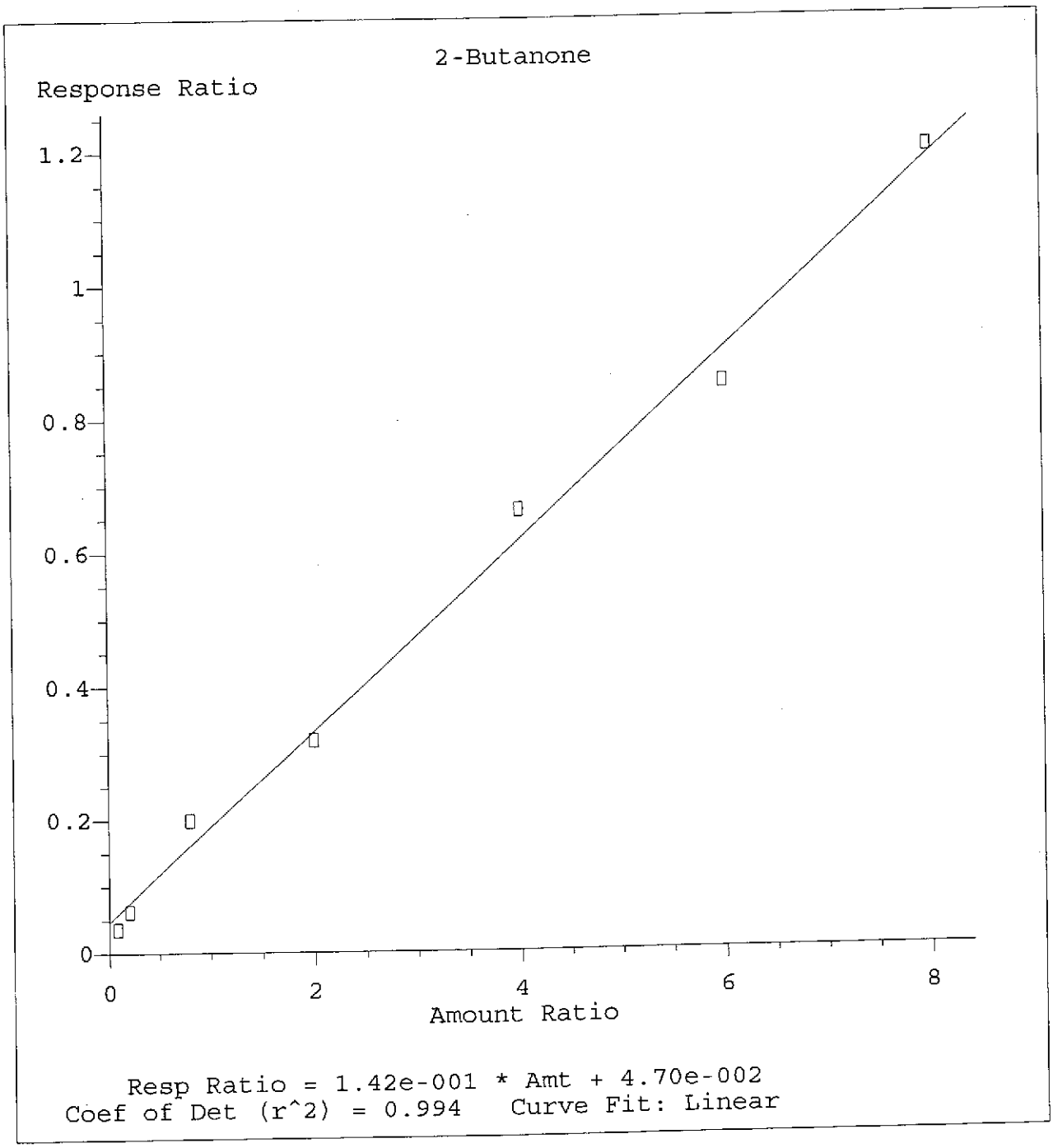
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Calibration Table Last Updated: Thu May 10 06:44:34 2007



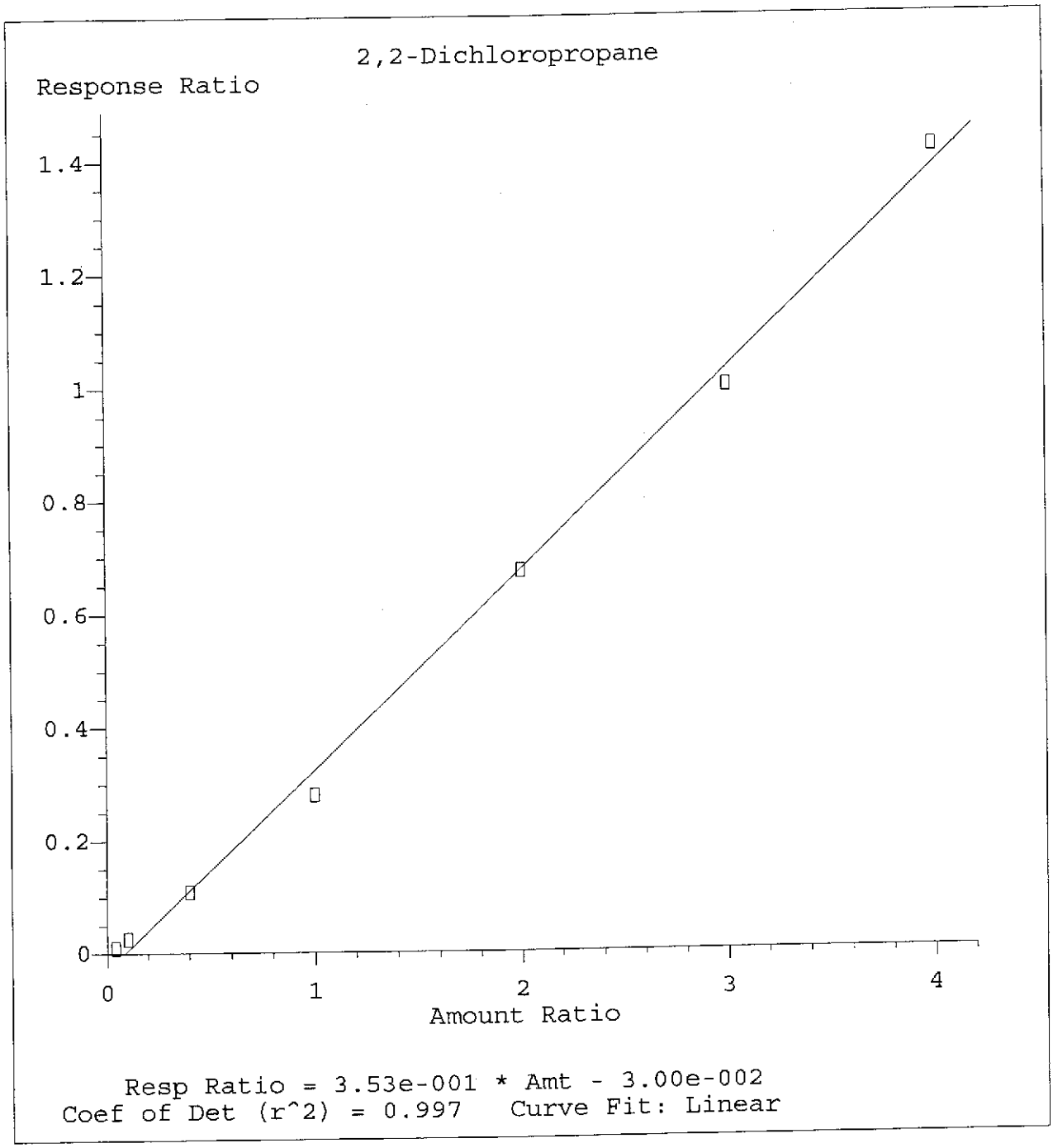
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Calibration Table Last Updated: Thu May 10 06:44:56 2007



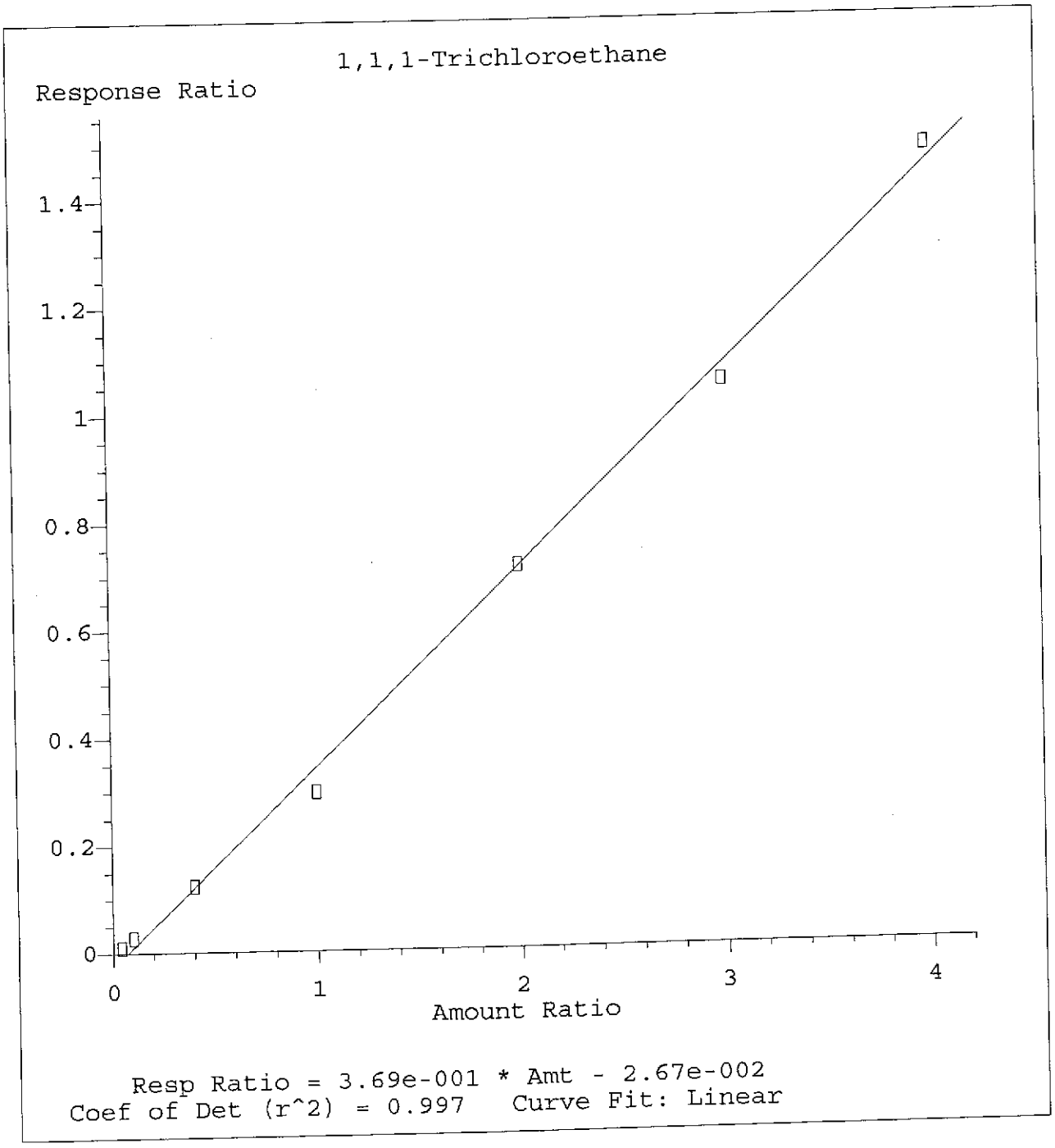
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Calibration Table Last Updated: Thu May 10 08:19:29 2007



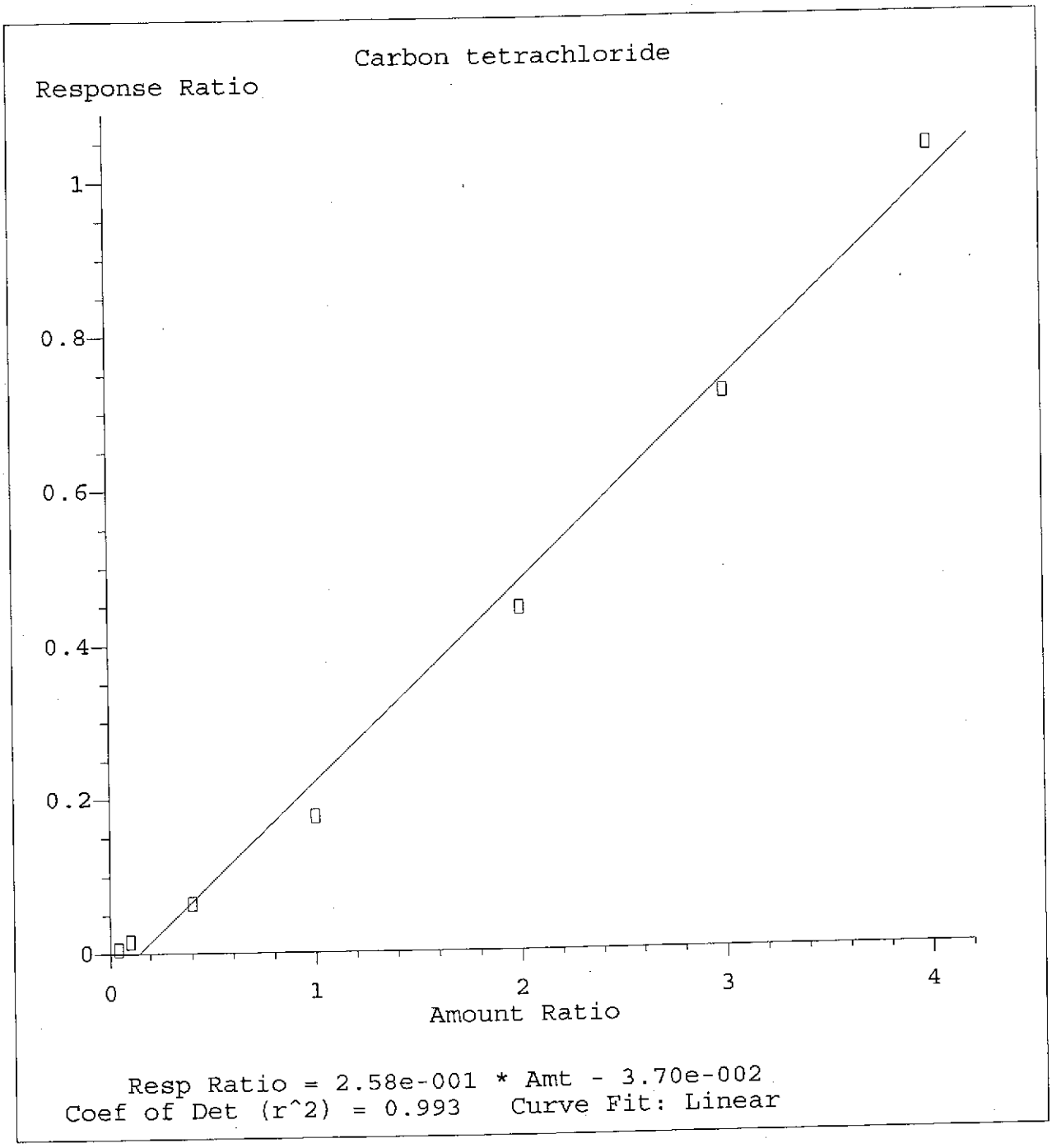
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:46:51 2007



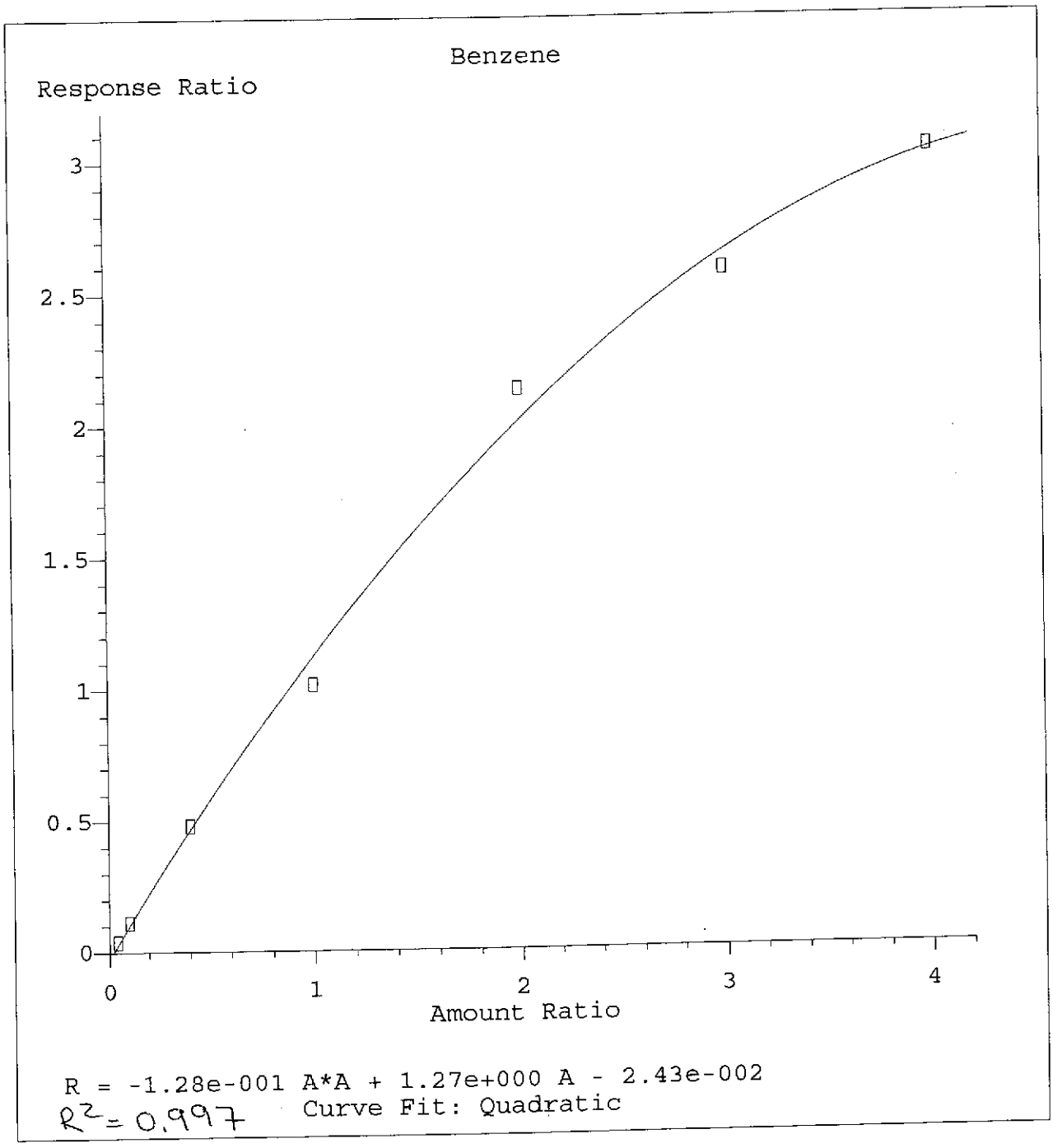
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:47:47 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:48:14 2007

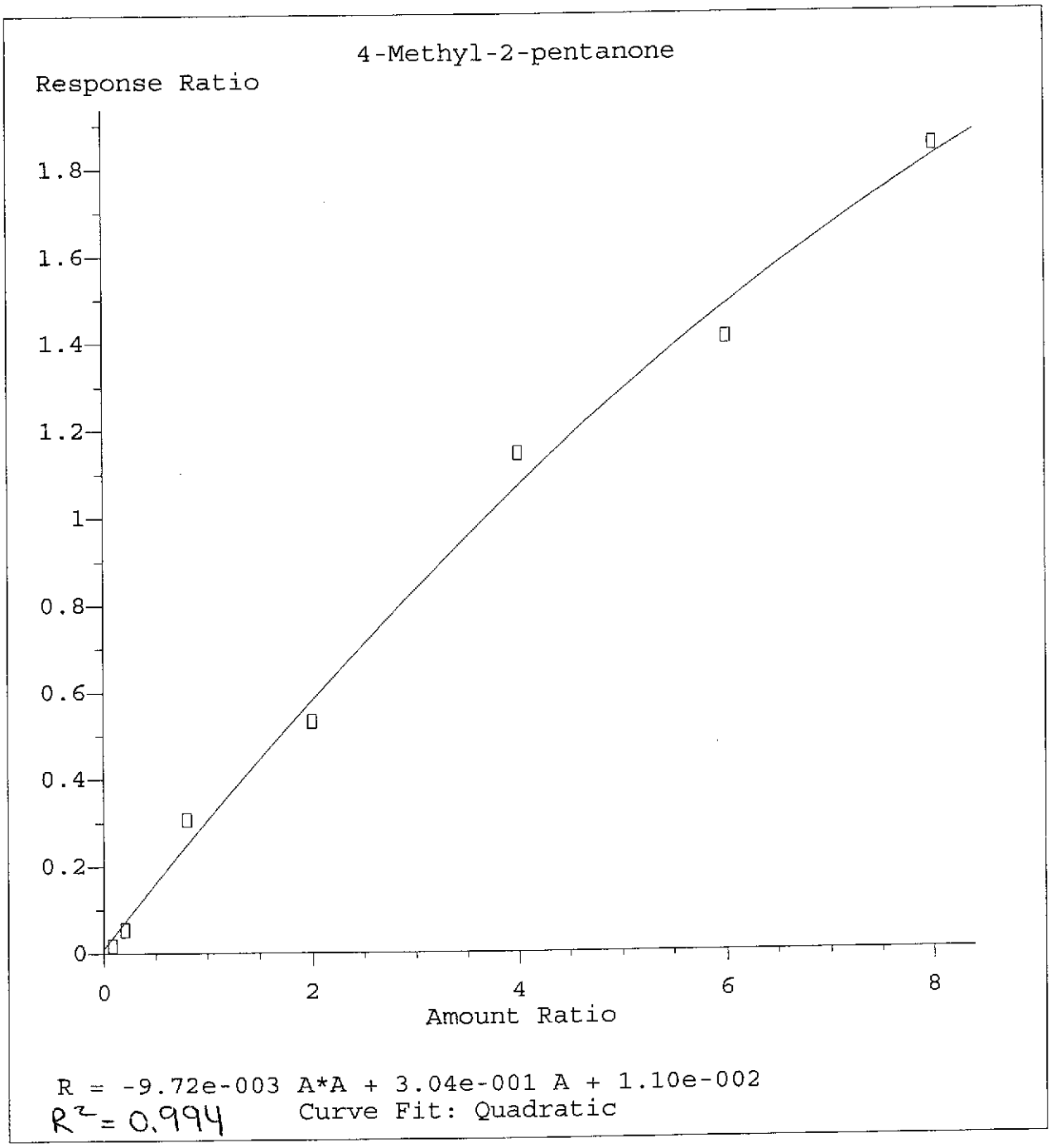


Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:48:38 2007

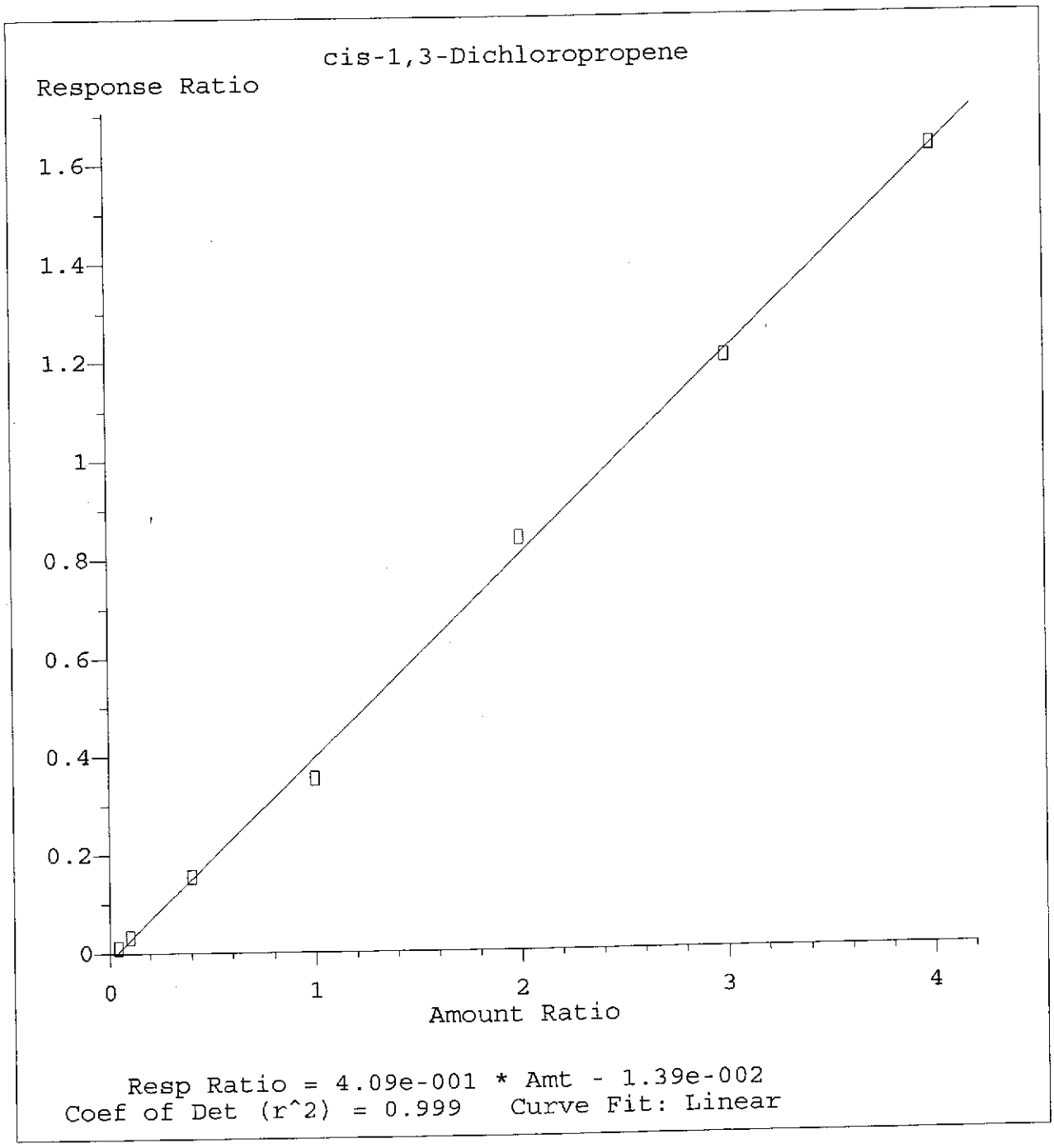


$R^2 = 0.997$

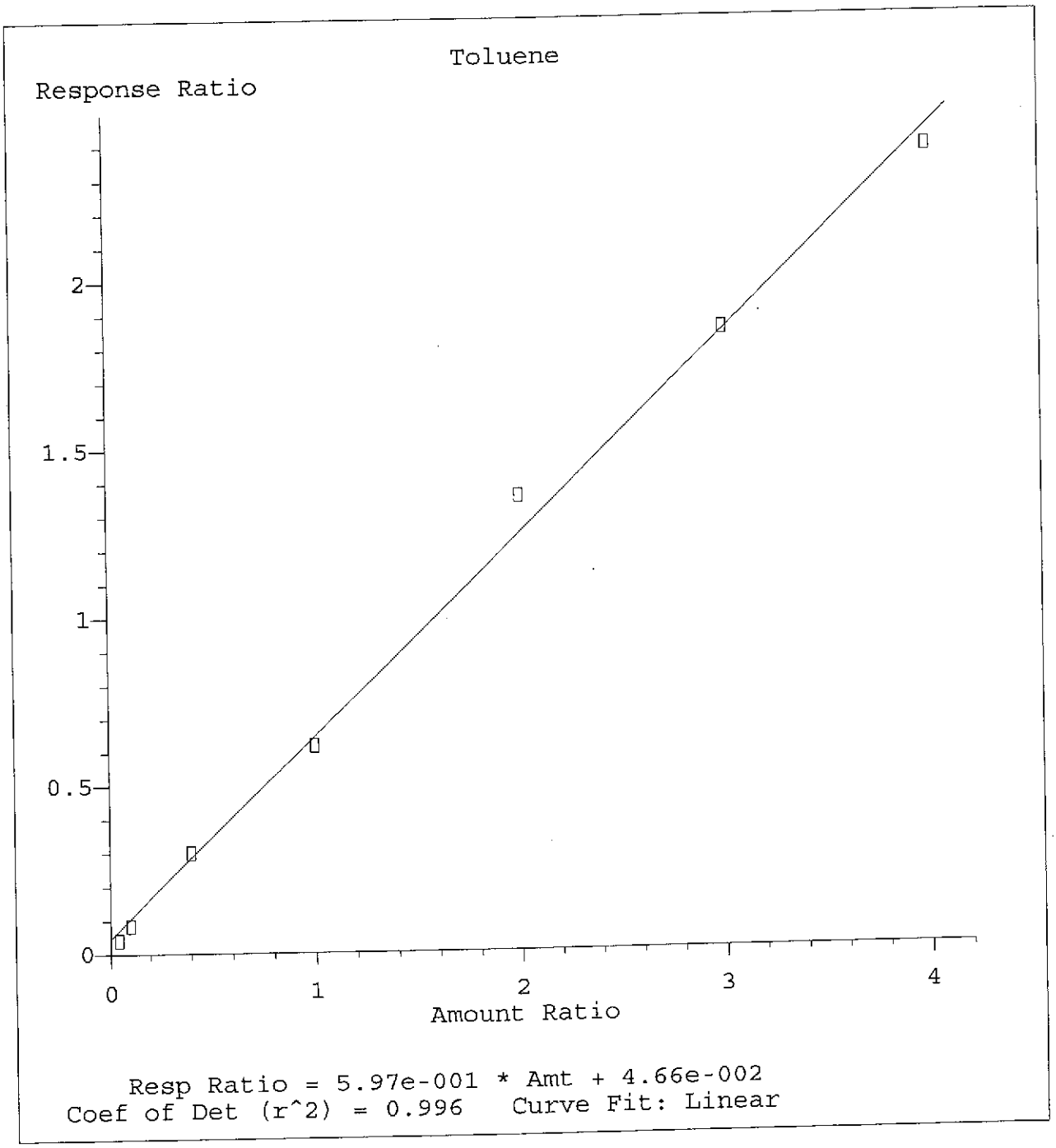
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:49:01 2007



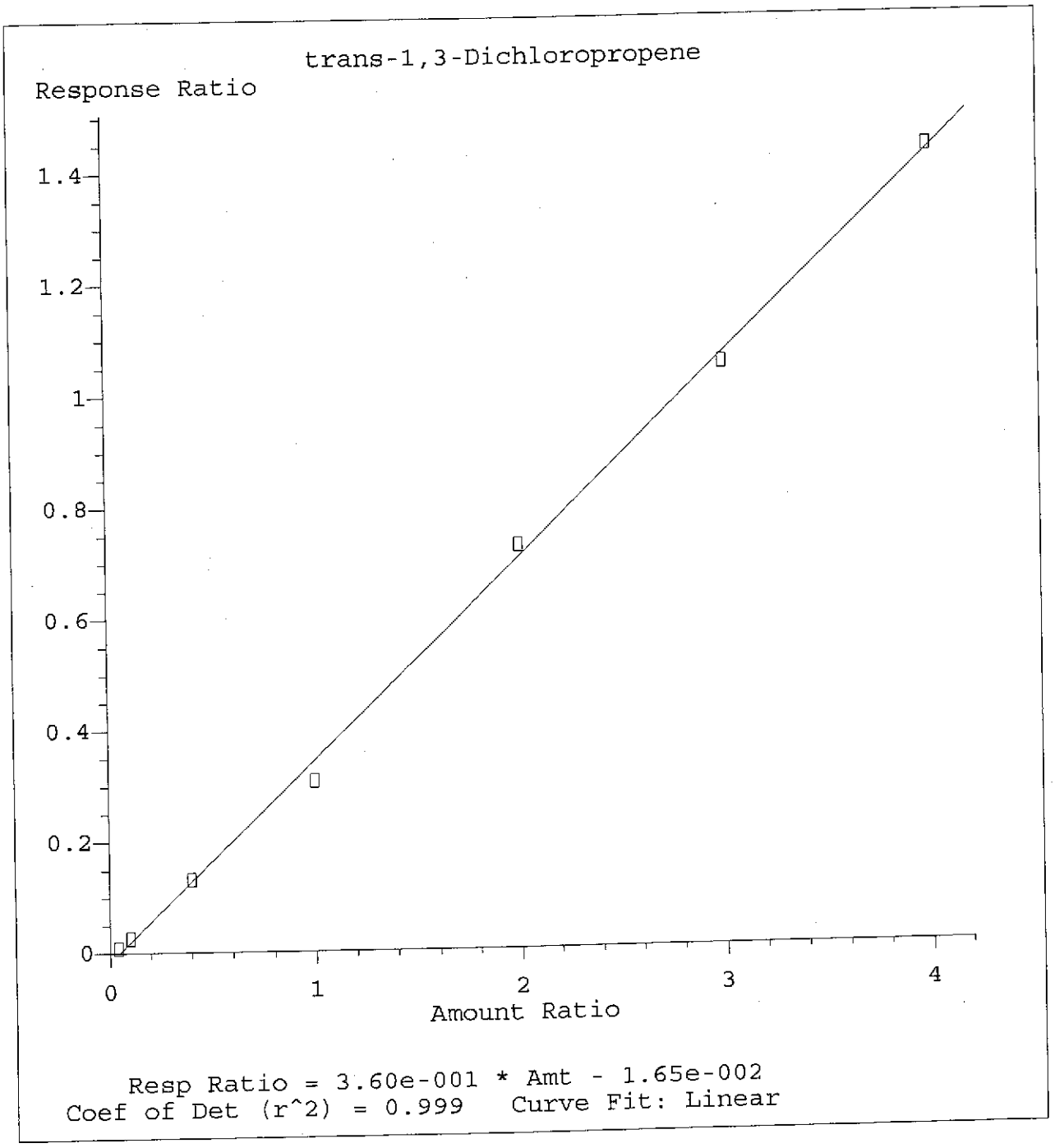
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:50:21 2007



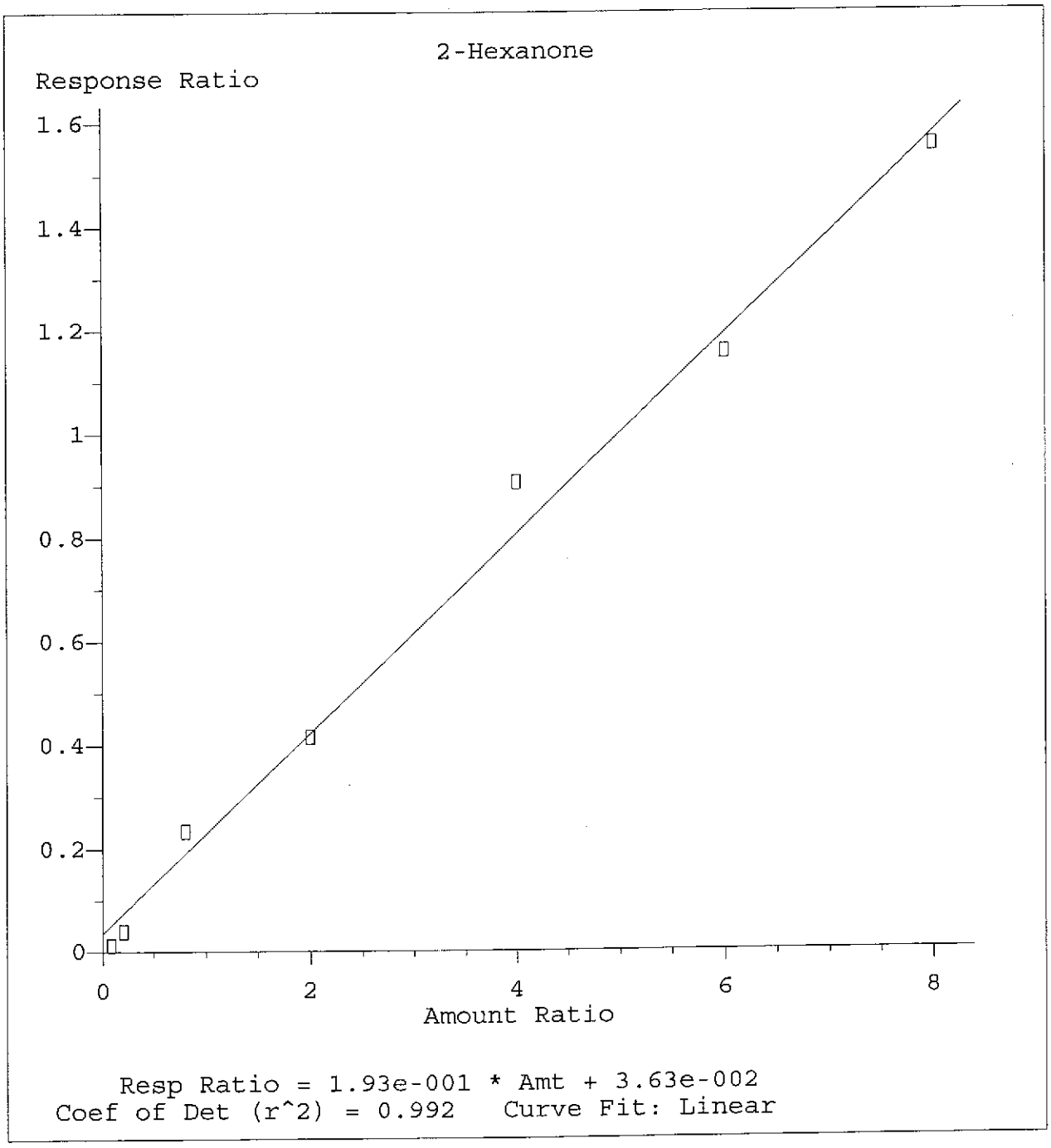
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:50:51 2007



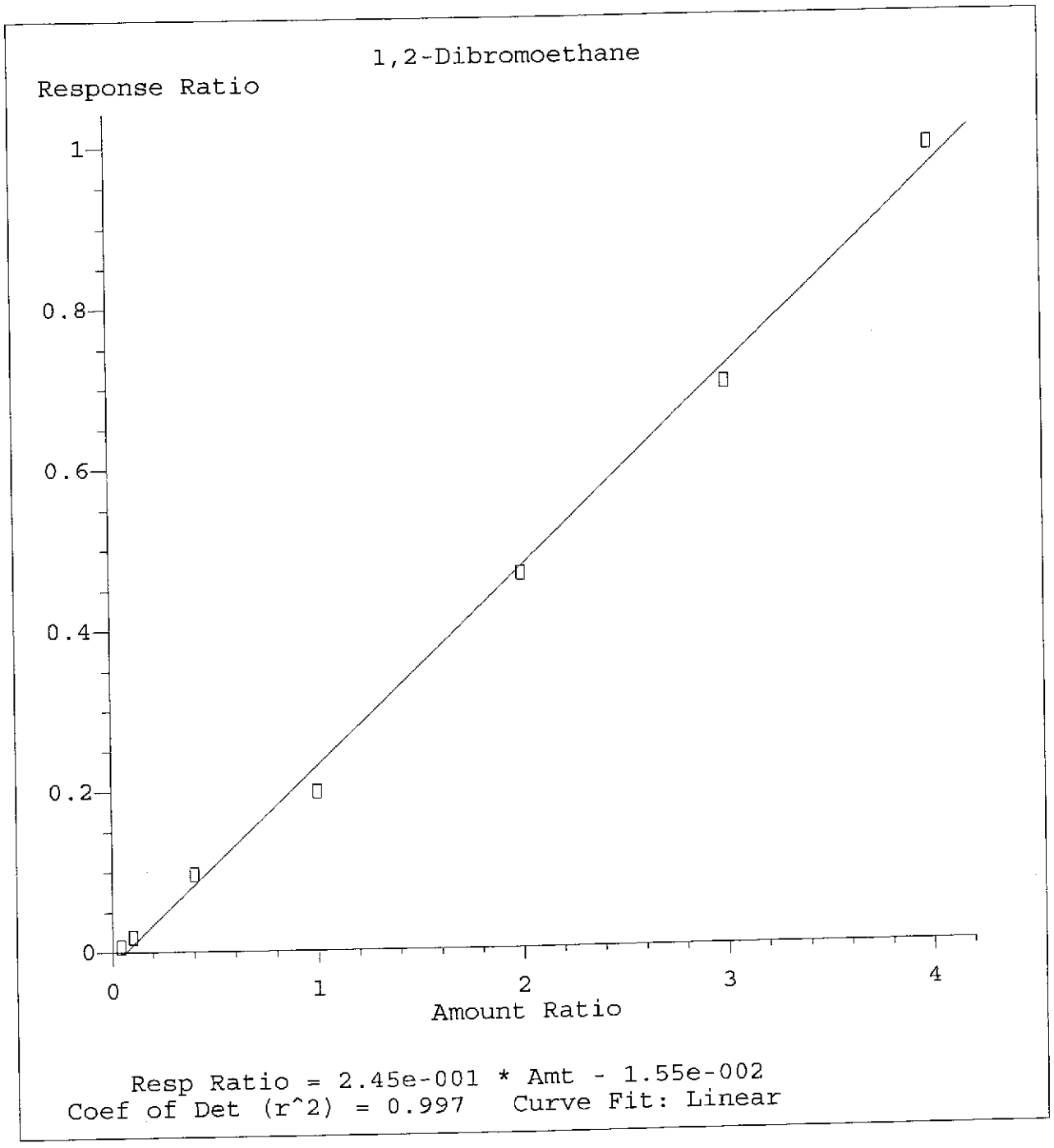
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:51:31 2007



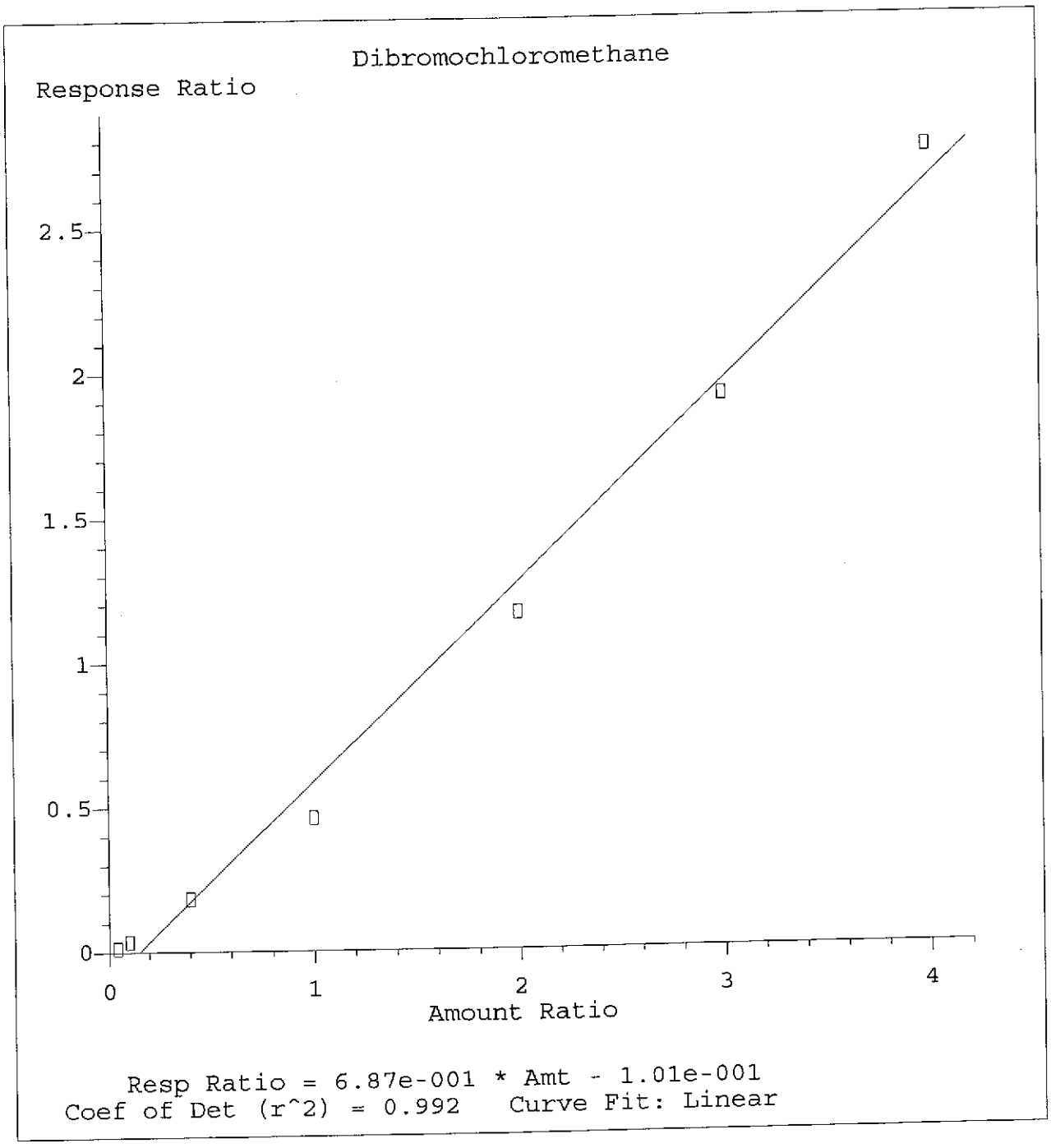
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:51:55 2007



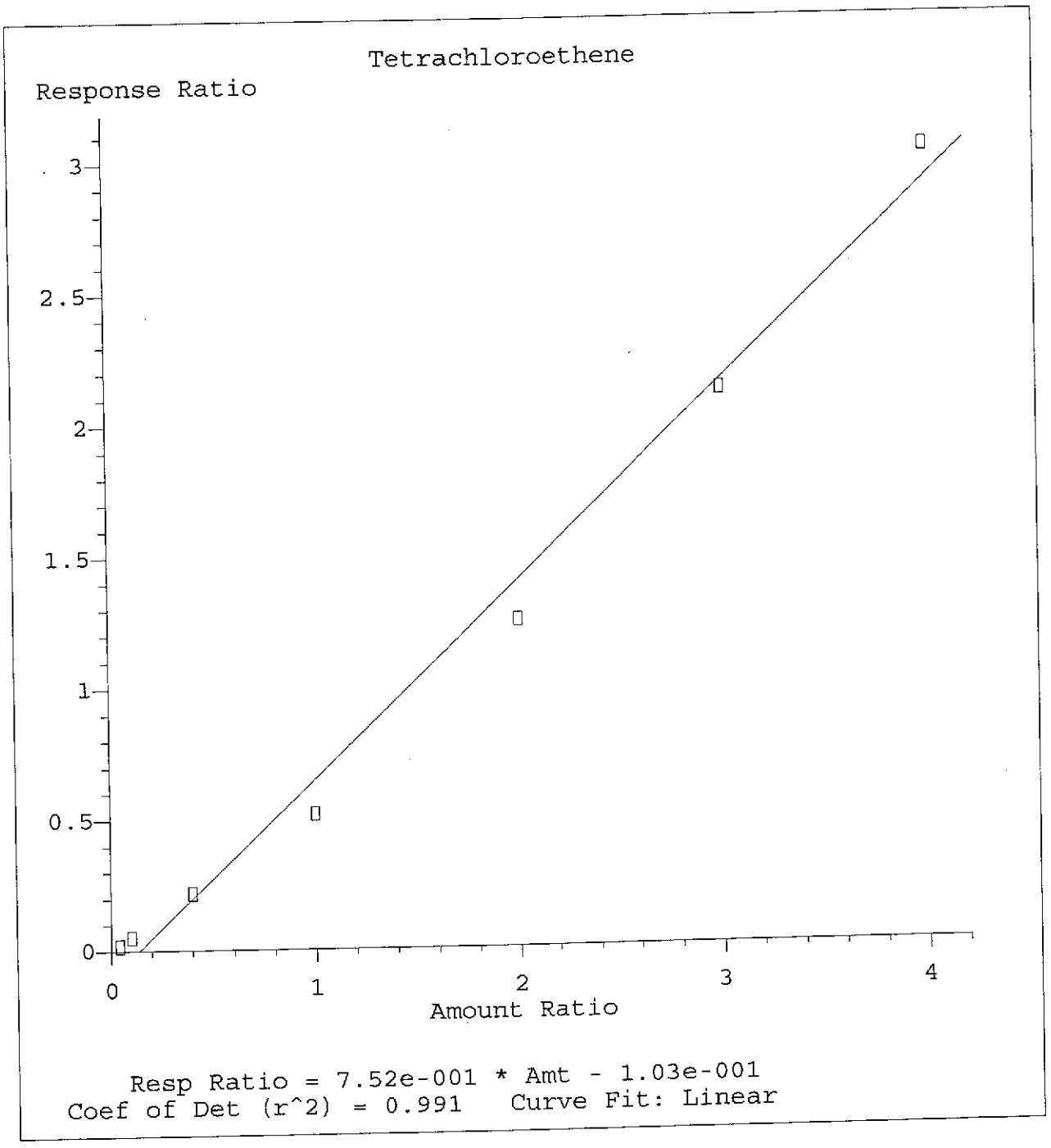
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:53:35 2007



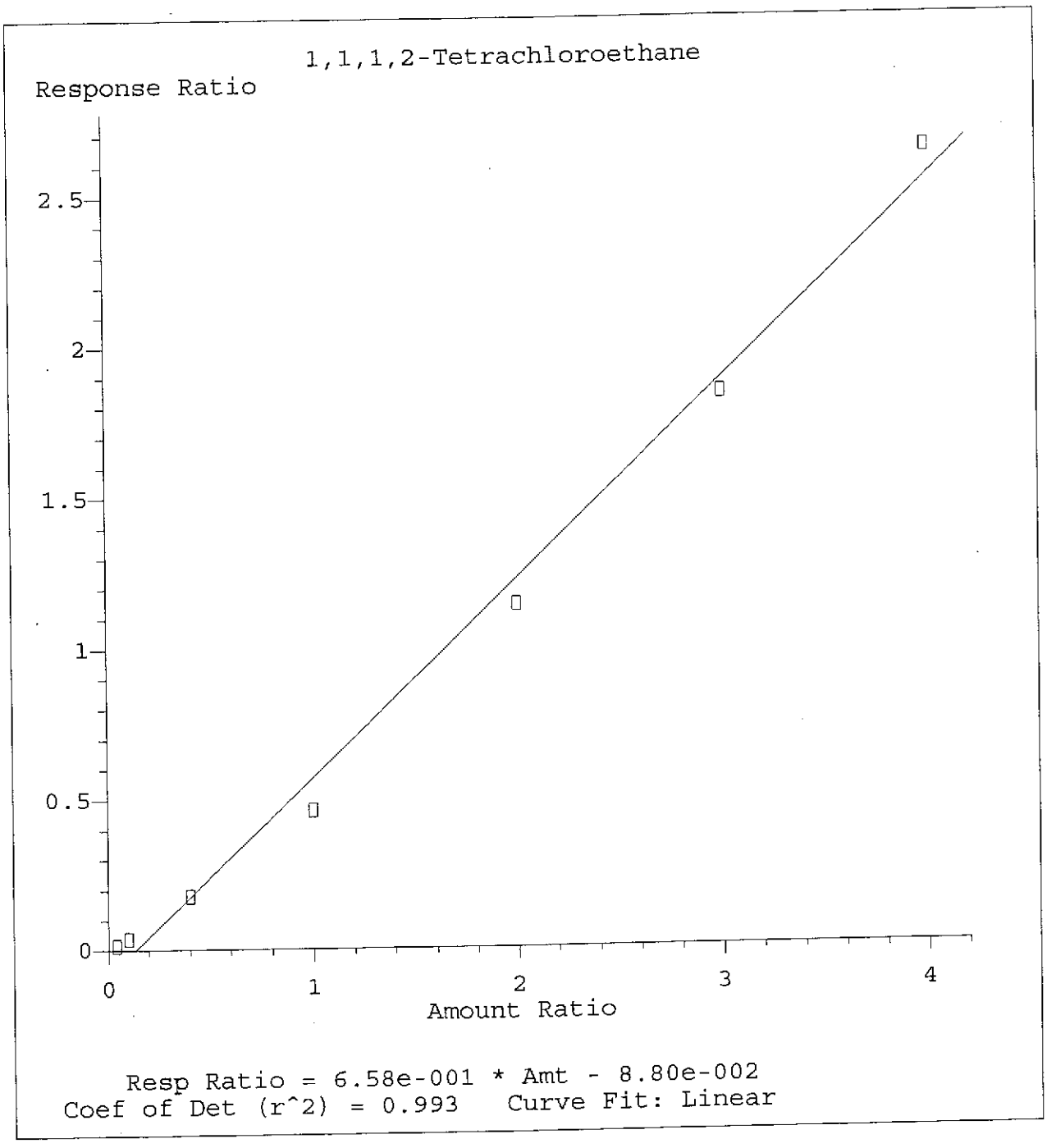
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:53:54 2007



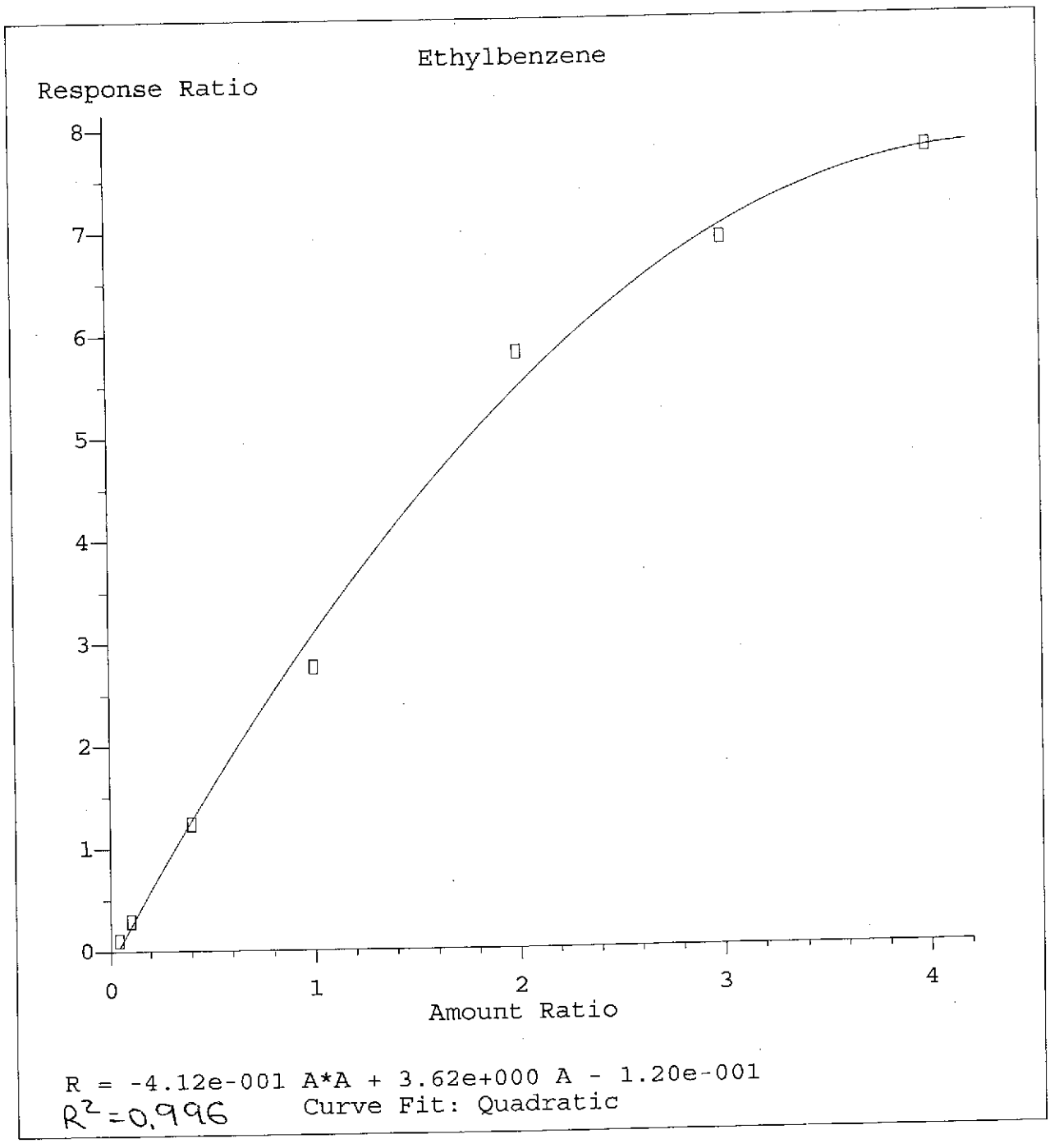
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:54:10 2007



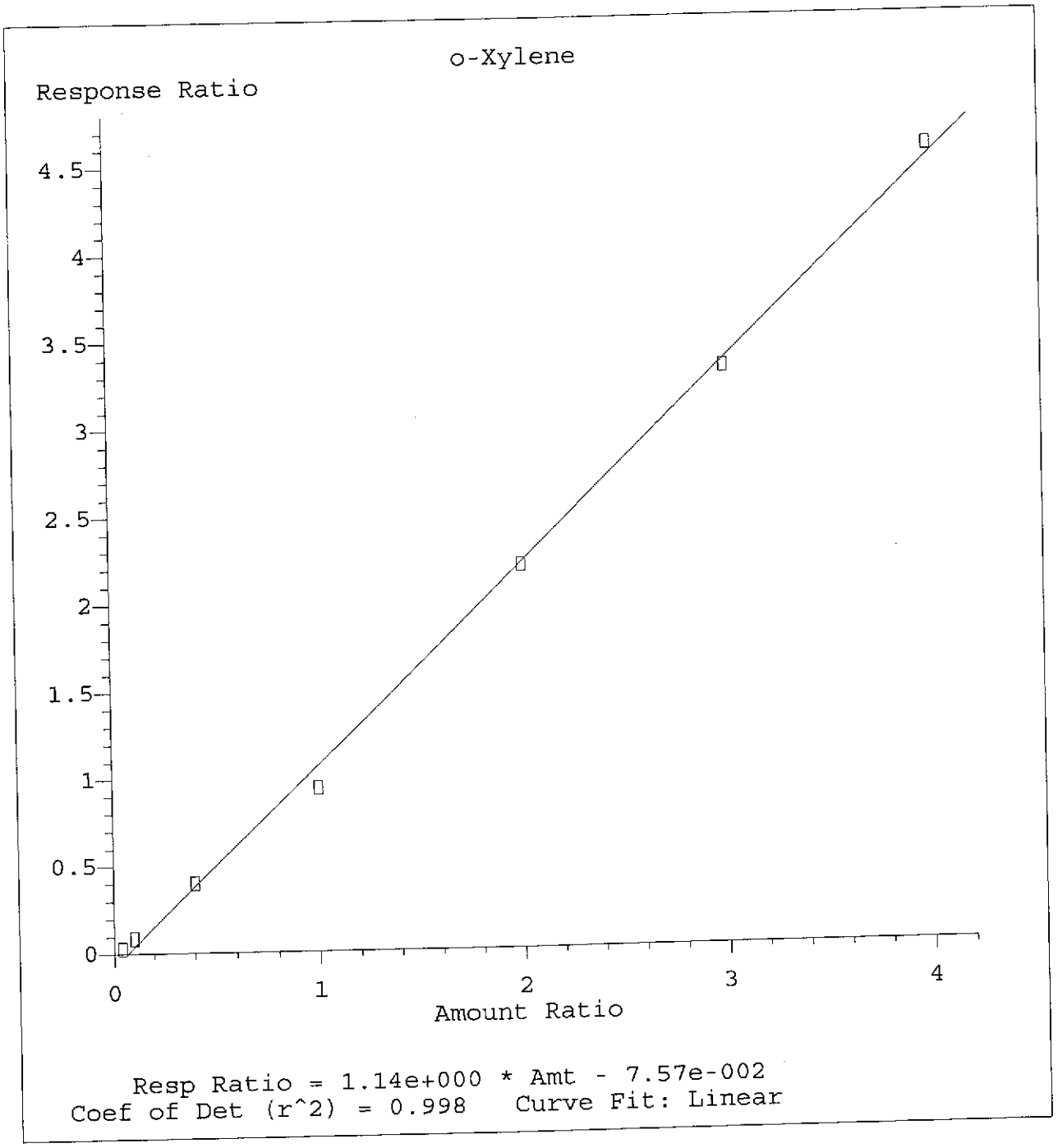
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:55:03 2007



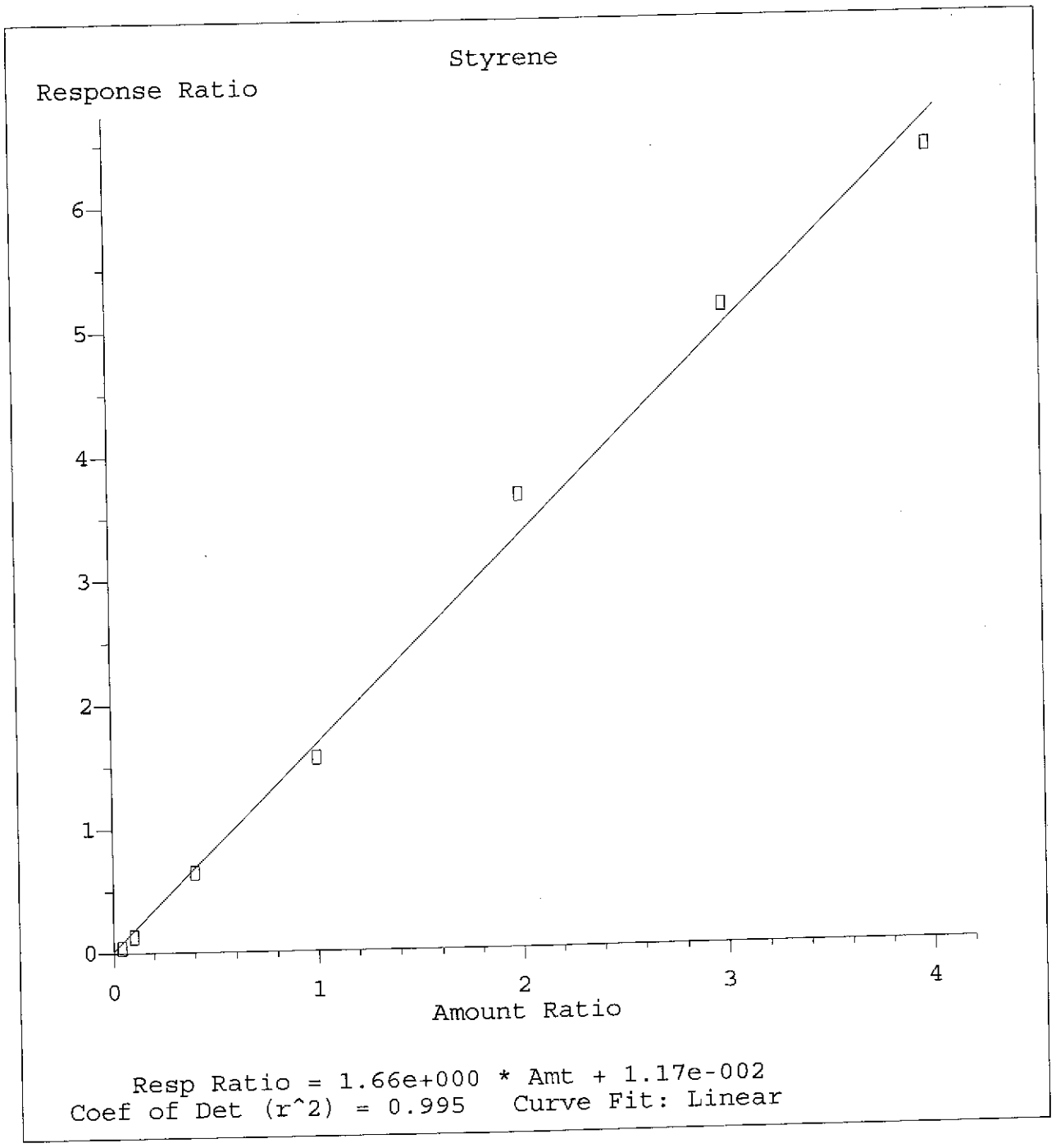
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:55:20 2007



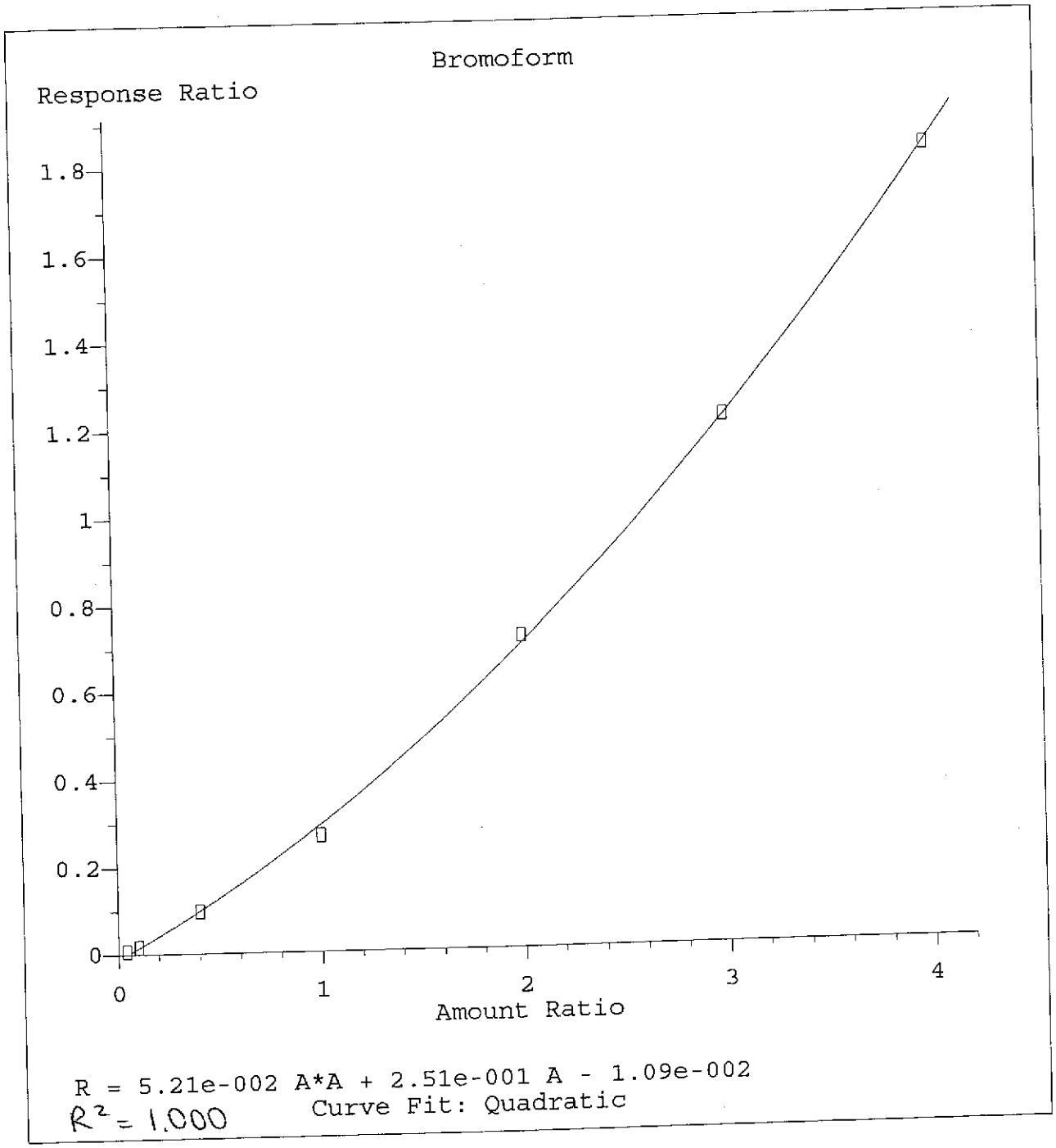
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:55:38 2007



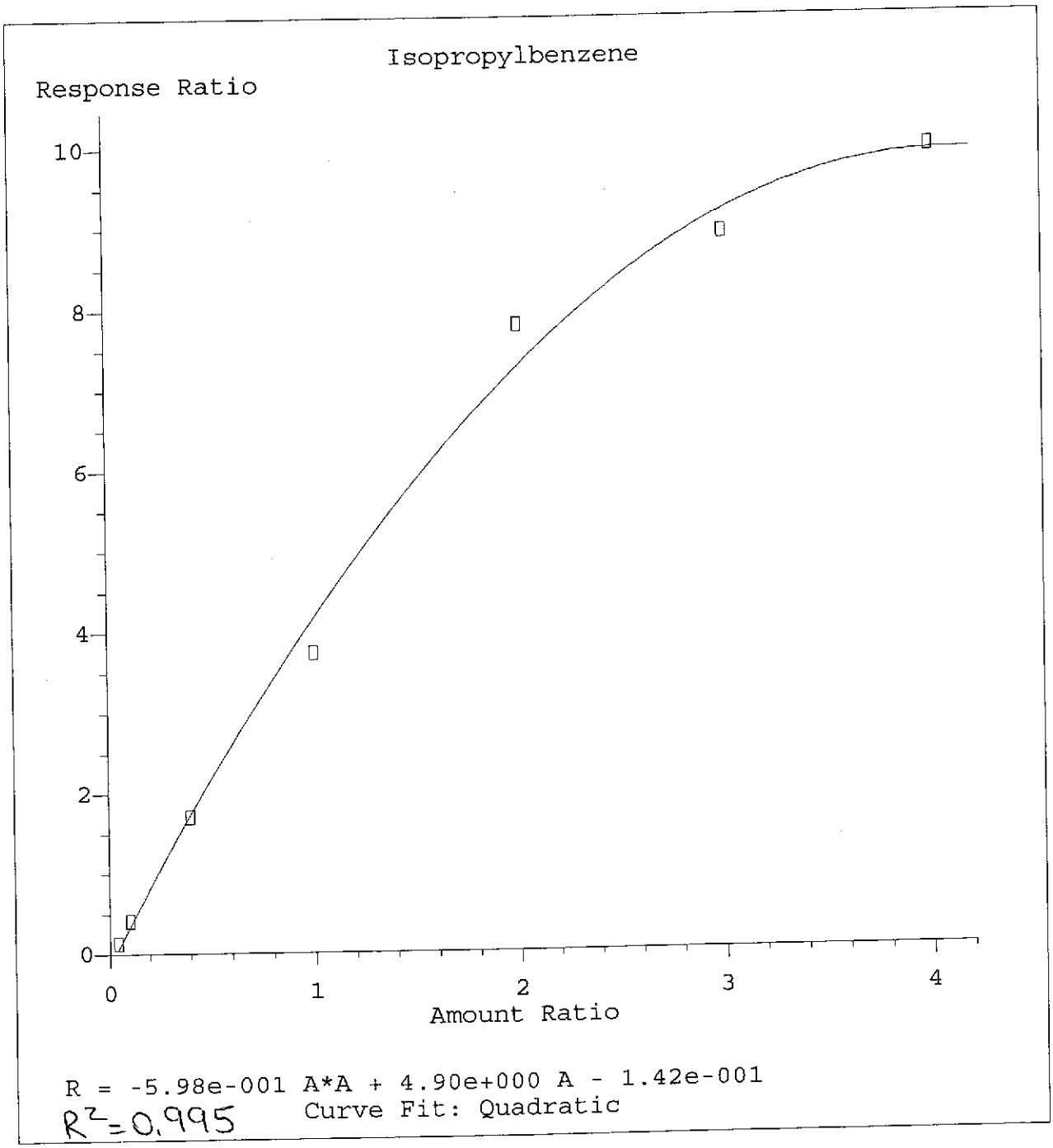
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:56:01 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:56:34 2007

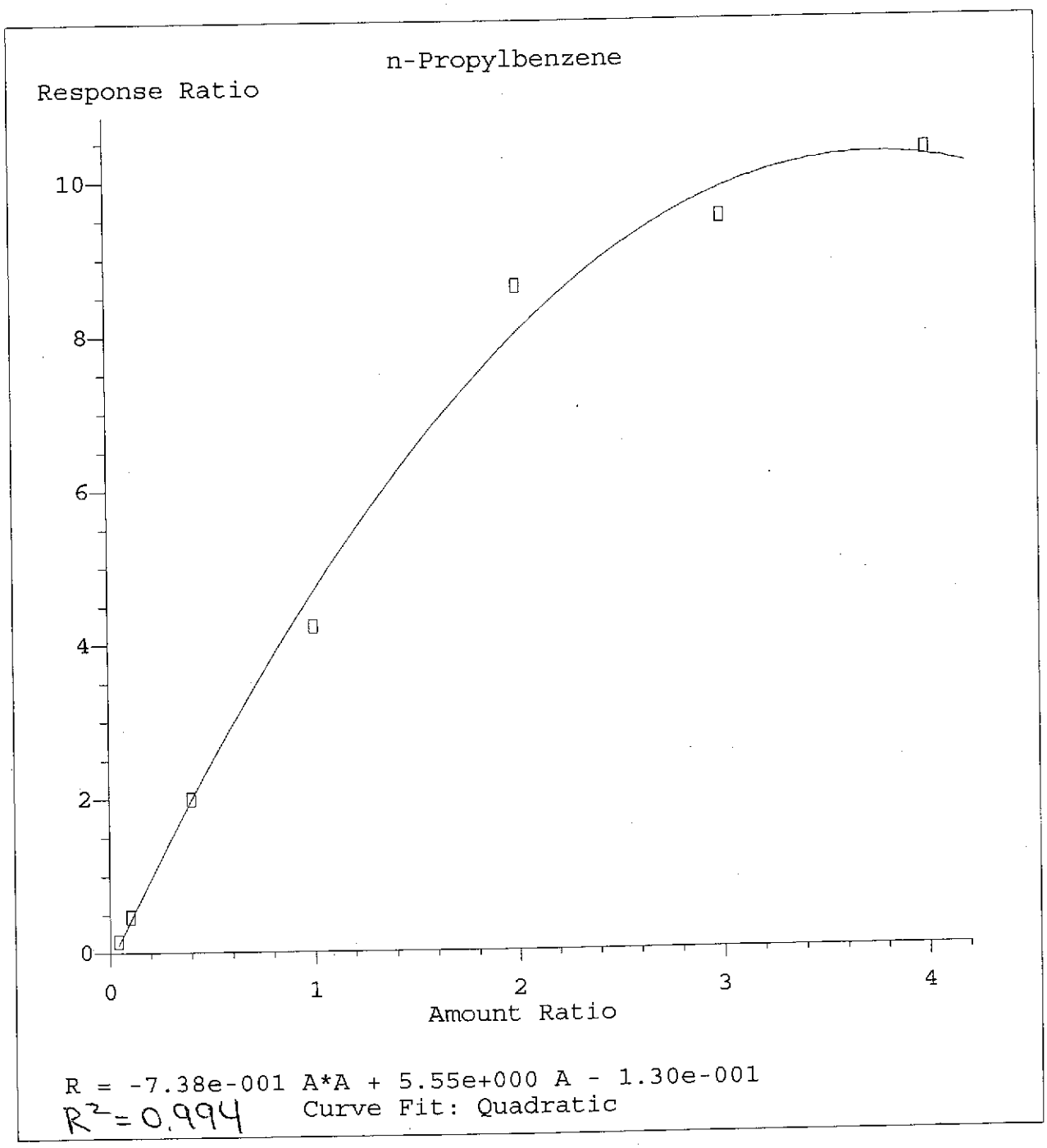


Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:56:51 2007

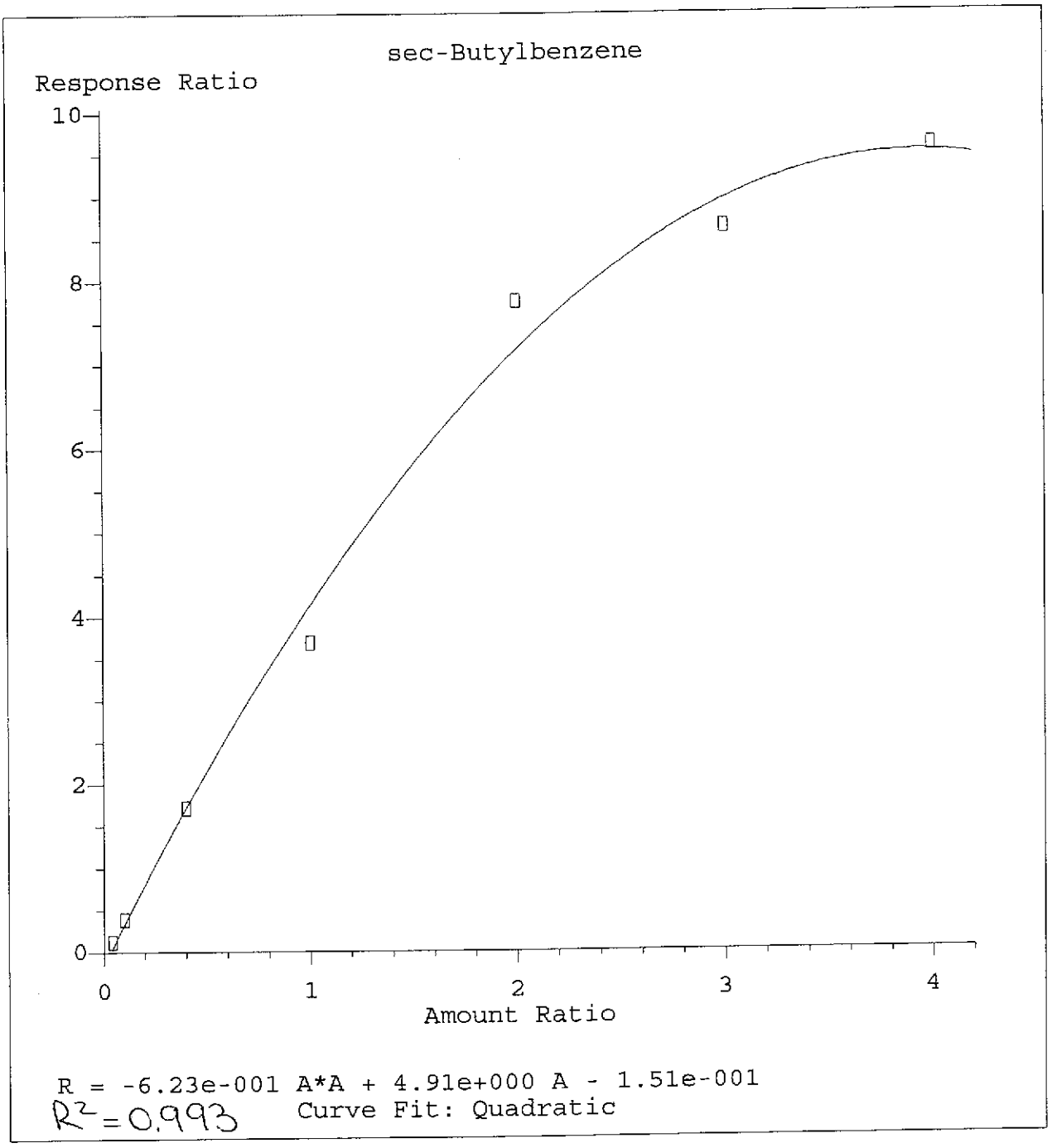


$R^2 = 0.995$

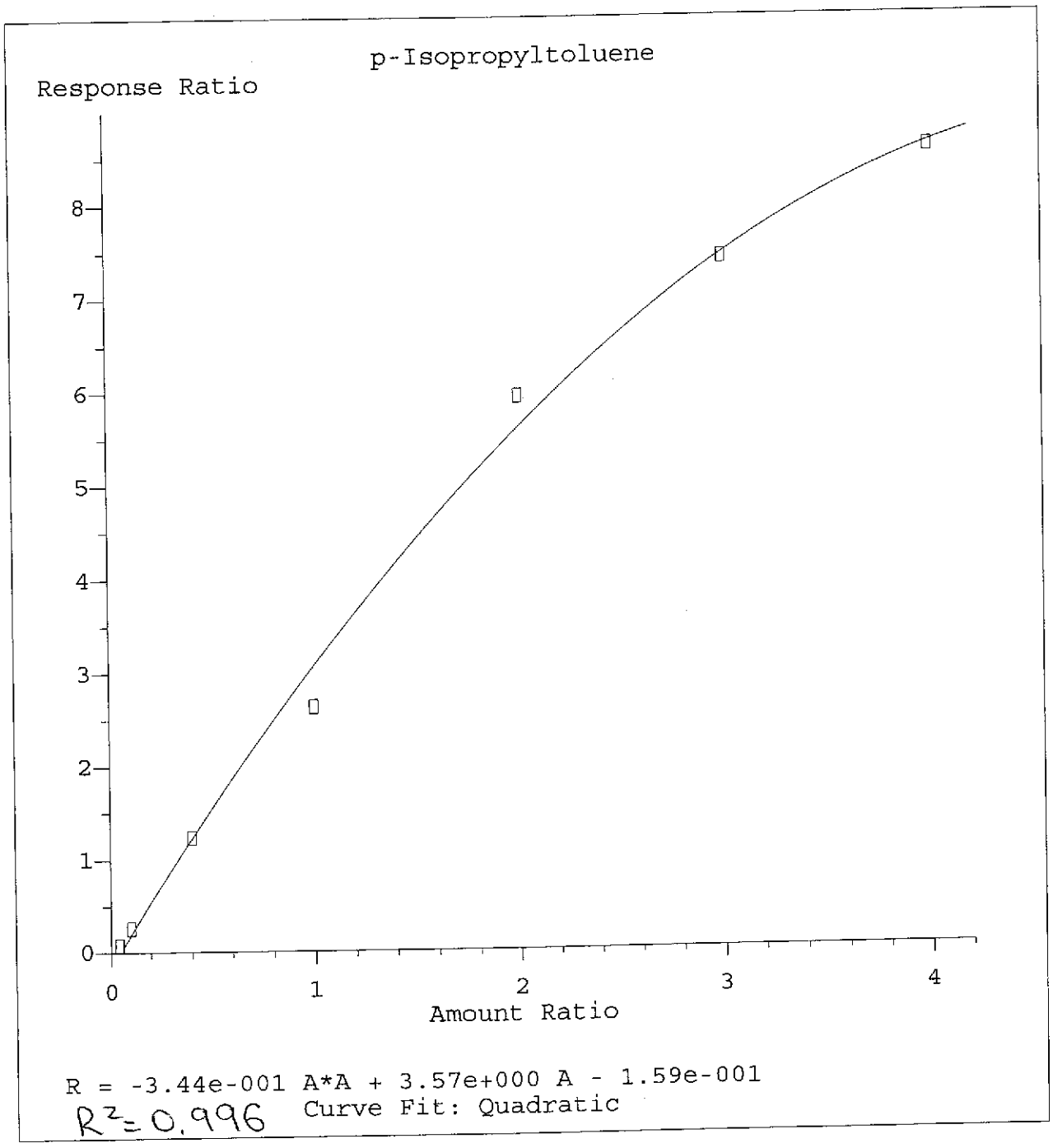
Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:58:01 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:58:21 2007



Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:58:53 2007



$R^2 = 0.996$

Method Name: C:\HPCHEM\1\METHODS\J509VOCS.M
Calibration Table Last Updated: Thu May 10 06:59:50 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #: R10014

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 21JUN07

Initial Calibration ID:986

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

1984

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.369	0.361	0.343	0.414	0.402	0.404	0.382	6.81
3)	P	Chloromethane	0.269	0.233	0.229	0.267	0.266	0.272	0.257	7.06
4)	CP	Vinyl chloride	0.192	0.209	0.193	0.229	0.236	0.241	0.220	9.78
5)		Bromomethane	0.181	0.189	0.157	0.186	0.194	0.203	0.187	8.08
6)		Chloroethane	0.114	0.104	0.120	0.137	0.138	0.145	0.128	12.04
7)		Trichlorofluorometh	0.546	0.529	0.539	0.652	0.620	0.608	0.581	8.05
8)		Acetone		0.048	0.038	0.044	0.042	0.041	0.042	8.09
9)		Acrolein	0.001	0.001	0.001	0.001	0.002	0.002	0.002	45.34
10)	CPM	1,1-Dichloroethene	0.183	0.158	0.153	0.192	0.195	0.192	0.181	9.69
11)		Methyl iodide	0.214	0.227	0.237	0.328	0.348	0.356	0.294	21.98
12)		1,1,2-Trichloro-1,2	0.222	0.243	0.212	0.279	0.274	0.270	0.252	10.56
13)		Methyl acetate	0.124	0.120	0.097	0.098	0.097	0.096	0.104	11.70
14)		Acrylonitrile	0.039	0.040	0.039	0.043	0.041	0.041	0.041	3.41
15)		Methylene chloride	0.511	0.353	0.250	0.226	0.225	0.220	0.286	38.61
16)		Carbon disulfide	0.592	0.562	0.559	0.693	0.667	0.673	0.629	8.96
17)		trans-1,2-Dichloroe	0.227	0.211	0.206	0.246	0.243	0.242	0.230	7.04
18)		Methyl tert-Butyl e	0.590	0.544	0.529	0.585	0.596	0.572	0.568	4.45
19)	P	1,1-Dichloroethane	0.380	0.377	0.334	0.389	0.378	0.369	0.370	4.86
20)		Vinyl acetate	0.279	0.225	0.248	0.286	0.278	0.285	0.269	8.83
21)		2-Butanone	0.062	0.046	0.050	0.054	0.055	0.056	0.054	9.34
22)		cis-1,2-Dichloroeth	0.247	0.241	0.230	0.272	0.268	0.266	0.255	6.08
23)		Bromochloromethane	0.146	0.146	0.138	0.148	0.146	0.143	0.144	2.20
24)	CP	Chloroform	0.790	0.796	0.481	0.520	0.518	0.497	0.583	24.83
25)		2,2-Dichloropropane	0.417	0.415	0.398	0.489	0.496	0.485	0.452	9.05
26)		Cyclohexane	0.244	0.258	0.251	0.352	0.357	0.355	0.310	17.82
27)	S	Dibromofluoromethan	0.260	0.244	0.237	0.276	0.270	0.265	0.258	5.41
28)	S	1,2-Dichloroethane-	0.329	0.345	0.311	0.327	0.321	0.304	0.318	5.90
29)		1,2-Dichloroethane	0.408	0.375	0.374	0.398	0.389	0.363	0.379	5.61
30)		1,1,1-Trichloroetha	0.509	0.480	0.478	0.603	0.604	0.580	0.543	10.11
31)		1,1-Dichloropropene	0.272	0.267	0.253	0.328	0.342	0.338	0.305	12.76
32)		Carbon tetrachlorid	0.442	0.404	0.398	0.504	0.522	0.506	0.466	10.97
33)	M	Benzene	0.816	0.777	0.755	0.897	0.915	0.907	0.850	7.80
34)	M	Trichloroethene	0.285	0.292	0.256	0.305	0.312	0.312	0.295	6.78
35)		Dibromomethane	0.158	0.149	0.131	0.151	0.145	0.140	0.144	6.34
36)		Methylcyclohexane	0.262	0.286	0.295	0.396	0.406	0.419	0.355	19.88
37)	CP	1,2-Dichloropropane	0.183	0.164	0.160	0.185	0.190	0.188	0.180	7.01
38)		Bromodichloromethan	0.389	0.401	0.314	0.378	0.384	0.369	0.371	7.60
39)		2-Chloroethylvinyl	0.070	0.065	0.068	0.081	0.079	0.082	0.076	10.11
40)		4-Methyl-2-pentanon	0.119	0.117	0.119	0.139	0.141	0.144	0.131	9.58
41)		cis-1,3-Dichloropro	0.327	0.306	0.305	0.355	0.374	0.370	0.344	8.81
42)	S	Toluene-d8	0.901	0.836	0.869	1.037	1.058	1.048	0.965	9.70
43)	CPM	Toluene	0.639	0.625	0.612	0.745	0.762	0.755	0.696	9.67

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Baldwin 6/12/07

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.297	0.270	0.279	0.358	0.368	0.362	0.327	13.28
45)		1,1,2-Trichloroetha	0.126	0.131	0.125	0.147	0.151	0.148	0.139	8.00
46)		2-Hexanone			0.075	0.092	0.099	0.103	0.094	12.10
47)	I	Chlorobenzene-d5	ISTD							
48)		1,2-Dibromoethane	0.426	0.447	0.431	0.485	0.504	0.512	0.474	8.07
49)		1,3-Dichloropropane	0.680	0.618	0.634	0.711	0.714	0.711	0.684	6.12
50)		Dibromochloromethan	0.658	0.558	0.543	0.644	0.693	0.710	0.645	10.76
51)		Tetrachloroethene	0.716	0.779	0.721	0.876	0.886	0.915	0.828	10.46
52)		1-Chlorohexane	0.654	0.560	0.643	0.808	0.843	0.875	0.752	17.30
53)		1,1,1,2-Tetrachloro	0.607	0.611	0.611	0.715	0.746	0.761	0.687	10.78
54)	PM	Chlorobenzene	1.949	1.840	1.861	2.103	2.114	2.137	2.009	6.20
55)	CP	Ethylbenzene	3.185	3.106	2.931	3.479	3.446	3.464	3.262	6.43
56)		(m+p)-Xylene	1.074	1.081	1.055	1.266	1.291	1.367	1.206	10.90
57)		o-Xylene	1.132	1.075	1.042	1.260	1.293	1.368	1.213	10.62
58)		Styrene	1.517	1.435	1.564	2.094	2.184	2.300	1.899	19.76
59)	P	Bromoform	0.291	0.258	0.291	0.369	0.404	0.423	0.353	20.43
60)	S	Bromofluorobenzene	1.091	0.854	0.799	0.948	0.973	1.004	0.946	10.14
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.083	0.048	0.080	0.101	0.115	0.113	0.094	27.09
63)	P	1,1,2,2-Tetrachloro	0.596	0.548	0.519	0.546	0.540	0.490	0.535	6.37
64)		Isopropylbenzene	3.708	3.748	3.628	3.981	3.881	3.564	3.690	5.90
65)		1,2,3-Trichloroprop	0.498	0.493	0.487	0.504	0.502	0.471	0.490	2.56
66)		Bromobenzene	1.005	1.014	0.992	1.066	1.049	1.001	1.019	2.66
67)		n-Propylbenzene	3.063	3.352	3.243	3.744	3.692	3.486	3.403	7.38
68)		2-Chlorotoluene	2.488	2.684	2.527	2.768	2.729	2.598	2.613	4.38
69)		4-Chlorotoluene	1.971	2.168	2.009	2.282	2.278	2.186	2.145	5.66
70)		1,3,5-Trimethylbenz	2.291	2.375	2.282	2.651	2.616	2.546	2.455	6.15
71)		tert-Butylbenzene	2.651	2.643	2.373	2.770	2.734	2.615	2.609	5.34
72)		1,2,4-Trimethylbenz	1.960	2.090	2.018	2.371	2.358	2.274	2.175	7.51
73)		sec-Butylbenzene	2.918	3.076	3.043	3.605	3.541	3.298	3.216	8.38
74)		1,3-Dichlorobenzene	1.474	1.624	1.549	1.765	1.761	1.705	1.649	6.59
75)		p-Isopropyltoluene	2.393	2.470	2.439	2.996	2.975	2.840	2.678	9.64
76)		1,4-Dichlorobenzene	1.668	1.538	1.460	1.646	1.664	1.629	1.599	4.80
77)		n-Butylbenzene	1.313	1.322	1.502	1.991	1.997	1.953	1.705	18.46
78)		1,2-Dichlorobenzene	1.415	1.527	1.445	1.678	1.667	1.610	1.558	6.59
79)		1,2-Dibromo-3-chlor		0.095	0.093	0.108	0.113	0.114	0.106	9.06
80)		1,2,4-Trichlorobenz	0.207	0.321	0.539	0.767	0.828	0.834	0.619	42.92
81)		Hexachlorobutadiene	0.400	0.397	0.466	0.596	0.619	0.620	0.532	20.07
82)		Naphthalene	0.408	0.352	0.800	1.344	1.448	1.391	1.015	47.78
83)		1,2,3-Trichlorobenz	0.165	0.303	0.553	0.780	0.817	0.807	0.605	45.07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
			----------ISTD----------		
1)	I	Fluorobenzene			
2)		Dichlorodifluoromet	0.377		
3)	P	Chloromethane	0.262		
4)	CP	Vinyl chloride	0.239		
5)		Bromomethane	0.197		
6)		Chloroethane	0.140		
7)		Trichlorofluorometh	0.570		
8)		Acetone	0.041		
9)		Acrolein	0.003		
10)	CPM	1,1-Dichloroethene	0.191		
11)		Methyl iodide	0.350		
12)		1,1,2-Trichloro-1,2	0.265		
13)		Methyl acetate	0.097		
14)		Acrylonitrile	0.041		
15)		Methylene chloride	0.215		
16)		Carbon disulfide	0.658		
17)		trans-1,2-Dichloroe	0.237		
)		Methyl tert-Butyl e	0.558		
19)	P	1,1-Dichloroethane	0.361		
20)		Vinyl acetate	0.286		
21)		2-Butanone	0.055		
22)		cis-1,2-Dichloroeth	0.260		
23)		Bromochloromethane	0.145		
24)	CP	Chloroform	0.476		
25)		2,2-Dichloropropane	0.464		
26)		Cyclohexane	0.351		
27)	S	Dibromofluoromethan	0.258		
28)	S	1,2-Dichloroethane-	0.288		
29)		1,2-Dichloroethane	0.346		
30)		1,1,1-Trichloroetha	0.551		
31)		1,1-Dichloropropene	0.334		
32)		Carbon tetrachlorid	0.486		
33)	M	Benzene	0.883		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.137		
36)		Methylcyclohexane	0.422		
37)	CP	1,2-Dichloropropane	0.189		
38)		Bromodichloromethan	0.359		
39)		2-Chloroethylvinyl	0.084		
40)		4-Methyl-2-pentanon	0.141		
41)		cis-1,3-Dichloropro	0.368		
42)	S	Toluene-d8	1.009		
)	CPM	Toluene	0.734		

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Bottin
6/21/07

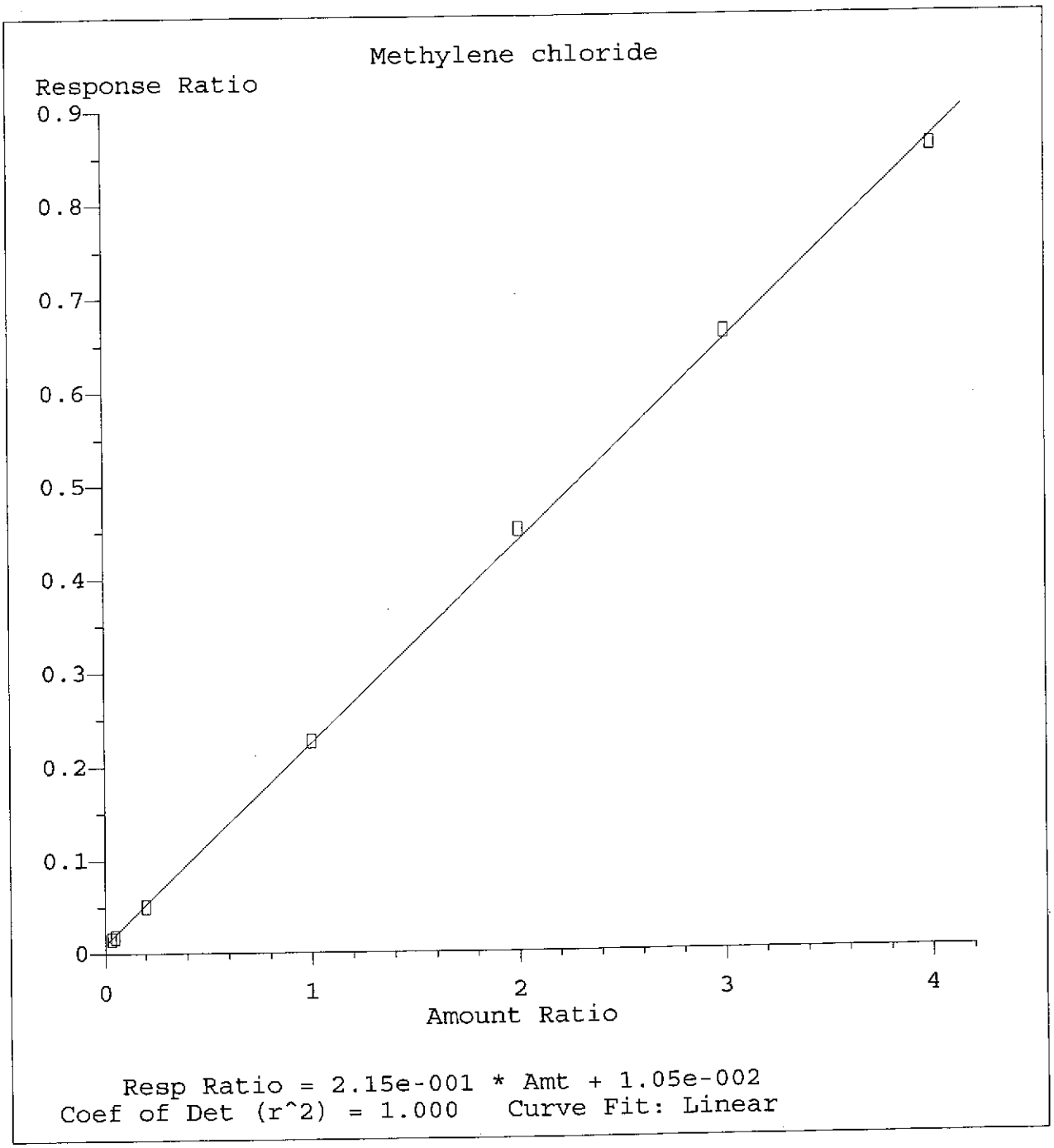
Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

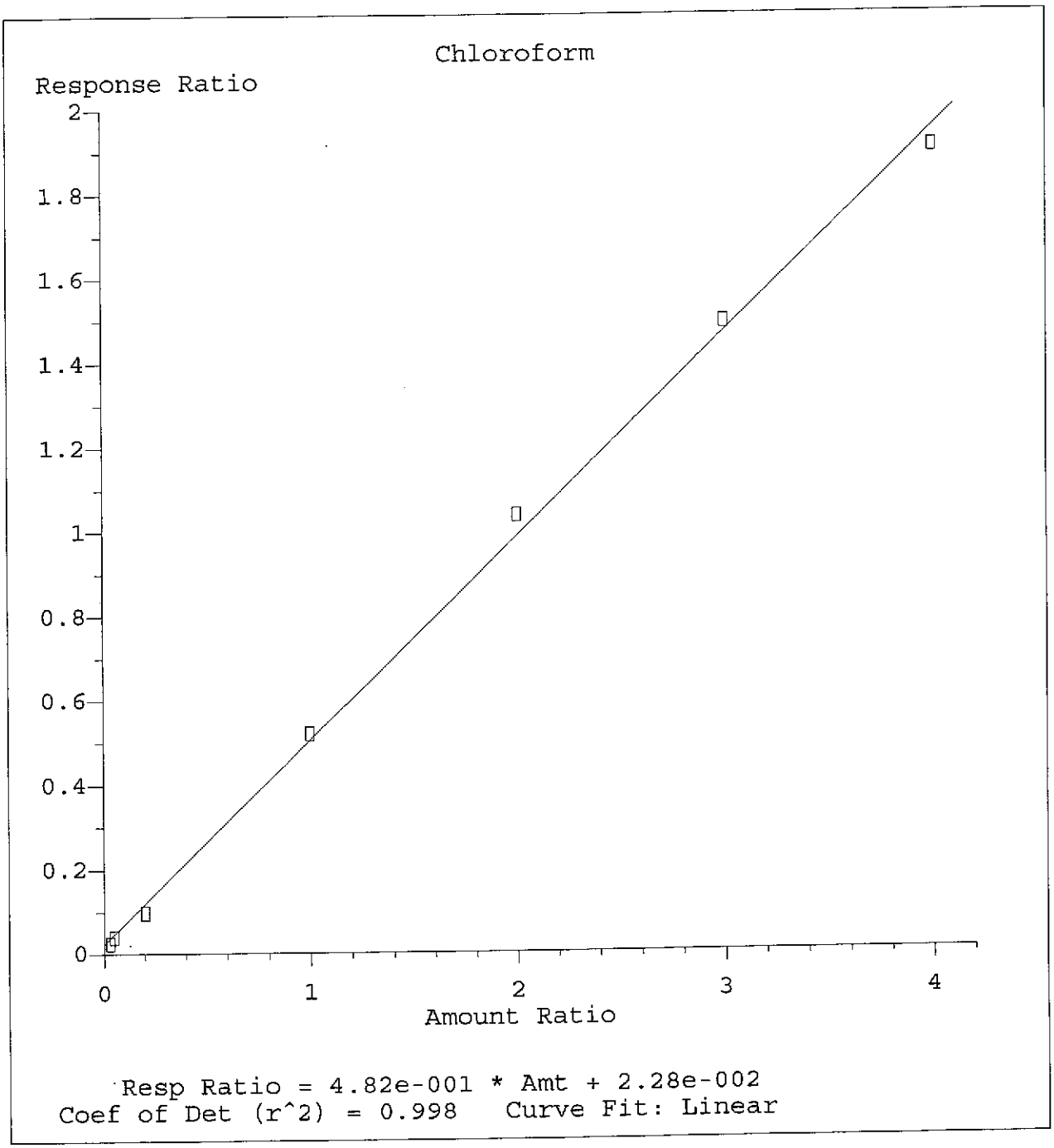
Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.357		
45)		1,1,2-Trichloroetha	0.145		
46)		2-Hexanone	0.102		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.511		
49)		1,3-Dichloropropane	0.719		
50)		Dibromochloromethan	0.710		
51)		Tetrachloroethene	0.901		
52)		1-Chlorohexane	0.882		
53)		1,1,1,2-Tetrachloro	0.760		
54)	PM	Chlorobenzene	2.060		
55)	CP	Ethylbenzene	3.221		
56)		(m+p)-Xylene	1.309		
57)		o-Xylene	1.322		
58)		Styrene	2.199		
59)	P	Bromoform	0.435		
60)	S	Bromofluorobenzene	0.956		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.118		
63)	P	1,1,2,2-Tetrachloro	0.509		
64)		Isopropylbenzene	3.317		
65)		1,2,3-Trichloroprop	0.476		
66)		Bromobenzene	1.009		
67)		n-Propylbenzene	3.239		
68)		2-Chlorotoluene	2.500		
69)		4-Chlorotoluene	2.118		
70)		1,3,5-Trimethylbenz	2.425		
71)		tert-Butylbenzene	2.480		
72)		1,2,4-Trimethylbenz	2.154		
73)		sec-Butylbenzene	3.033		
74)		1,3-Dichlorobenzene	1.666		
75)		p-Isopropyltoluene	2.632		
76)		1,4-Dichlorobenzene	1.586		
77)		n-Butylbenzene	1.861		
78)		1,2-Dichlorobenzene	1.565		
79)		1,2-Dibromo-3-chlor	0.114		
80)		1,2,4-Trichlorobenz	0.834		
81)		Hexachlorobutadiene	0.628		
82)		Naphthalene	1.362		
83)		1,2,3-Trichlorobenz	0.809		

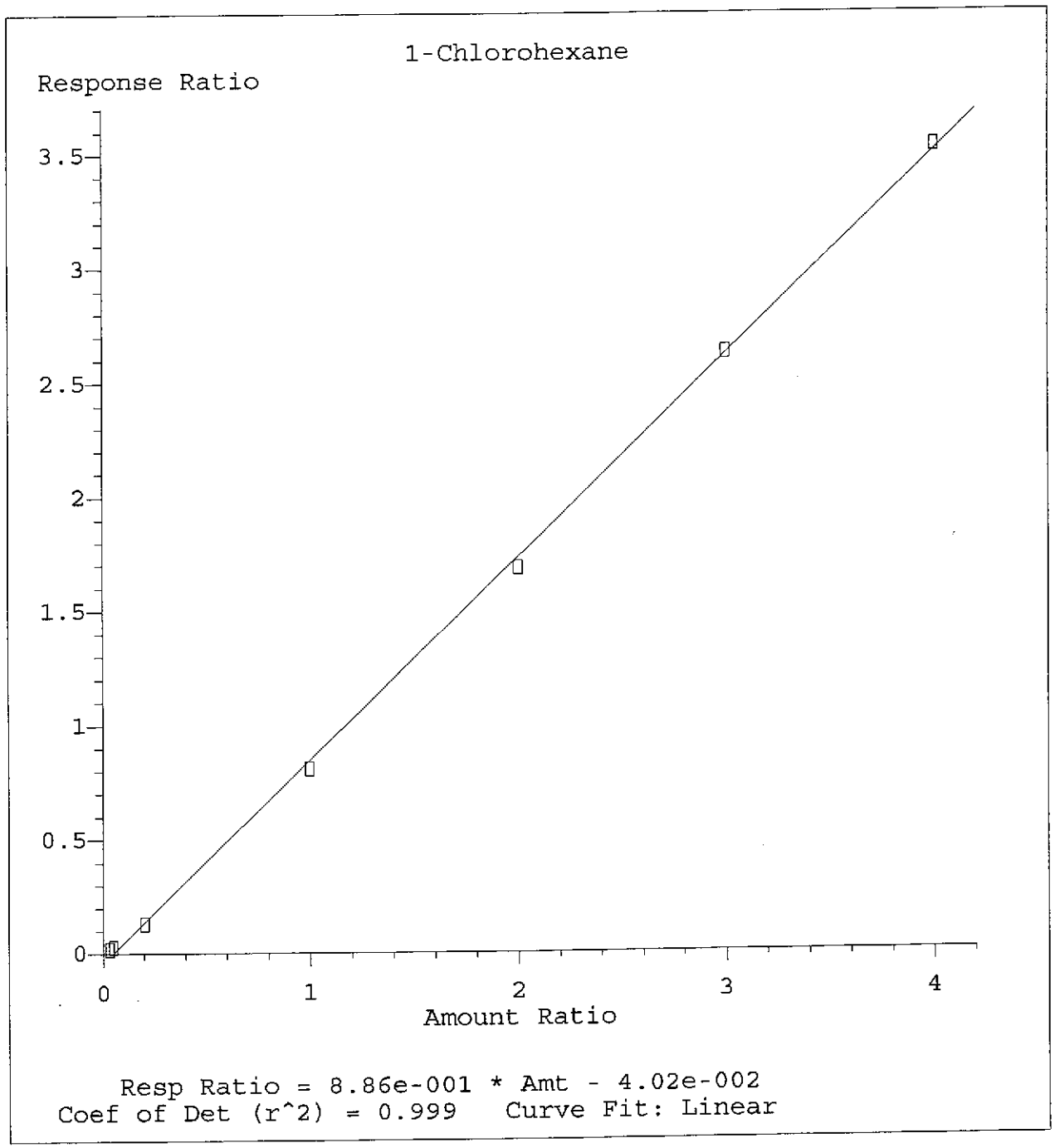
(#) = Out of Range ### Number of calibration levels exceeded format ###



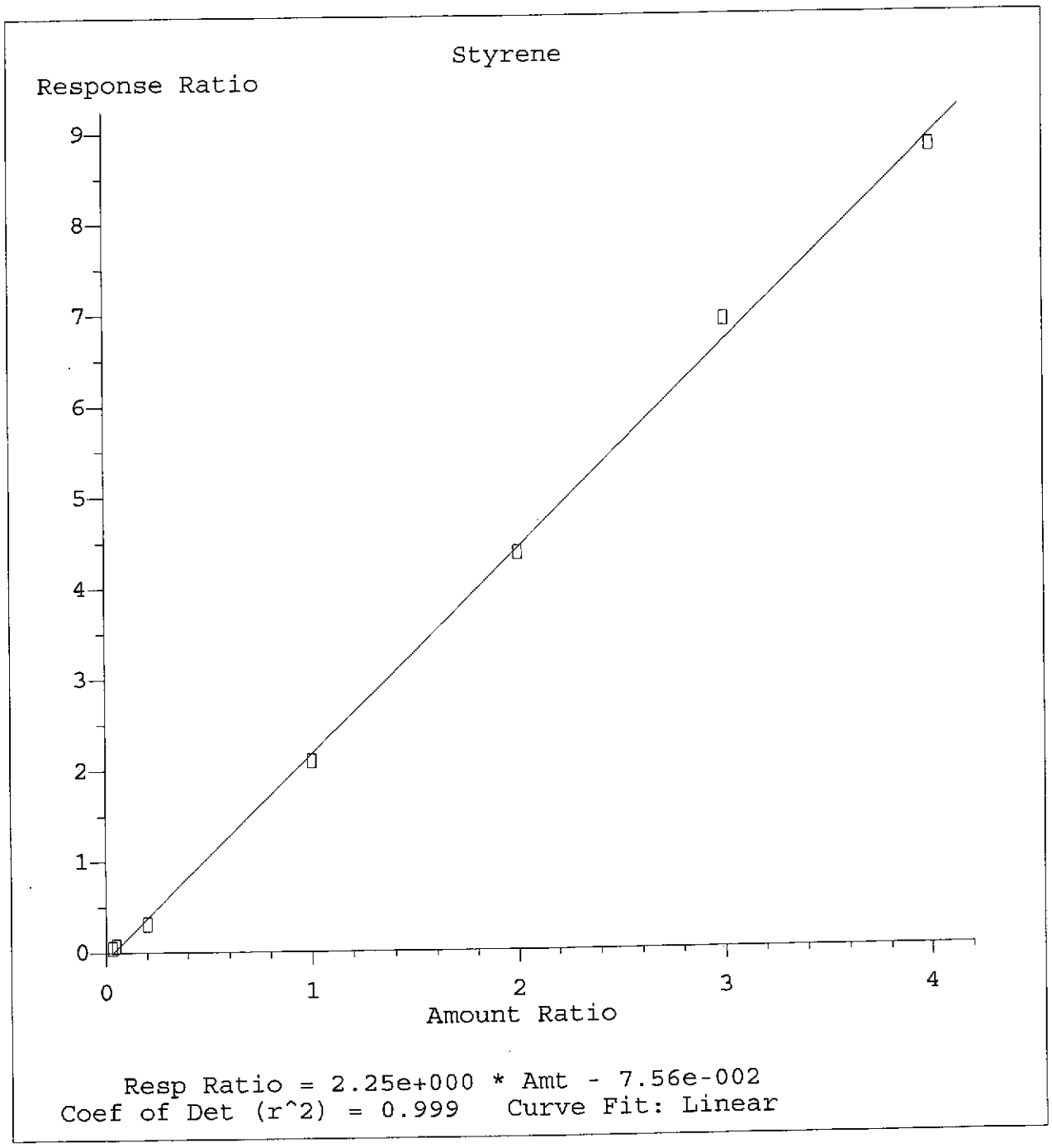
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:00:23 2007



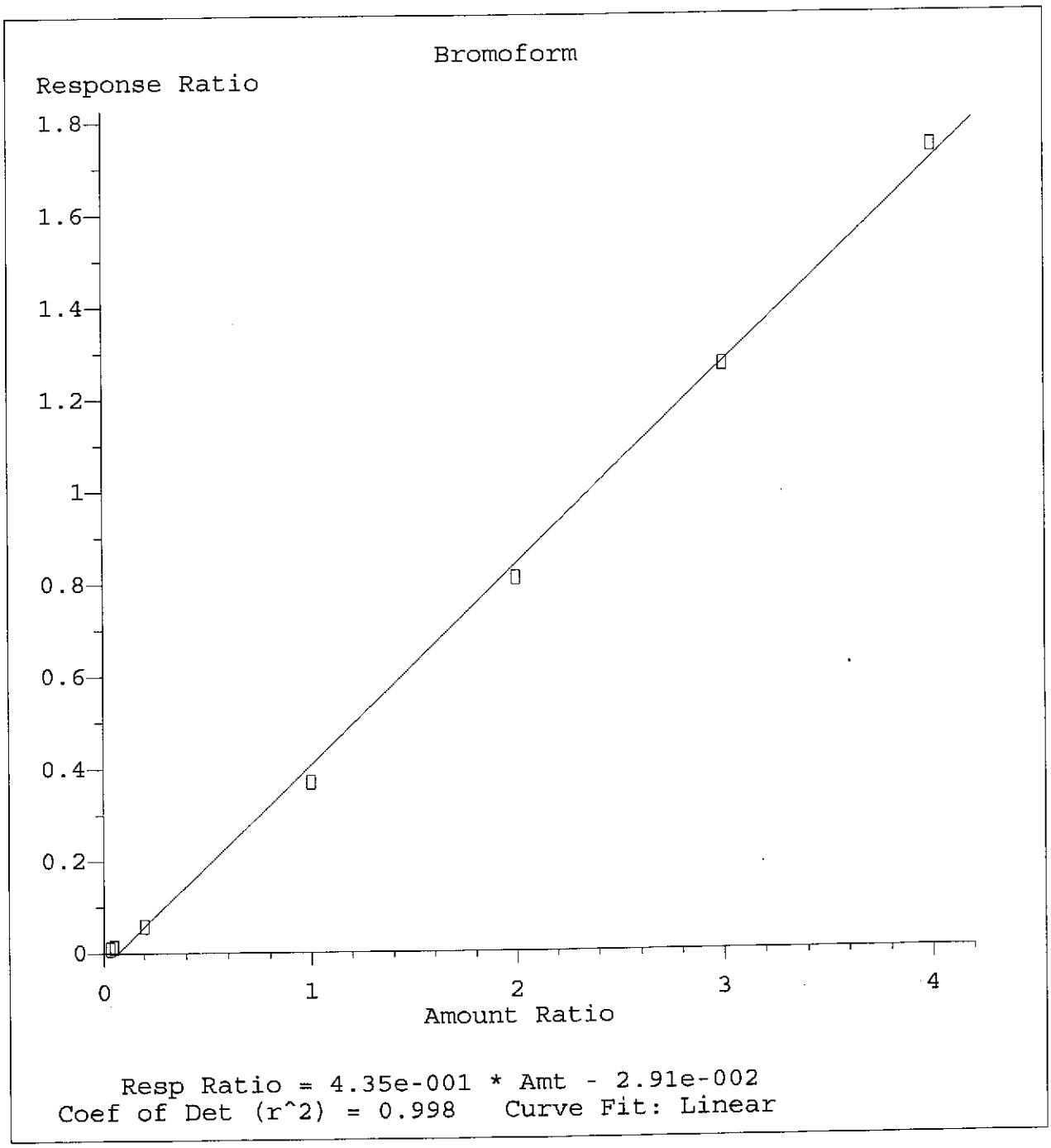
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:01:15 2007



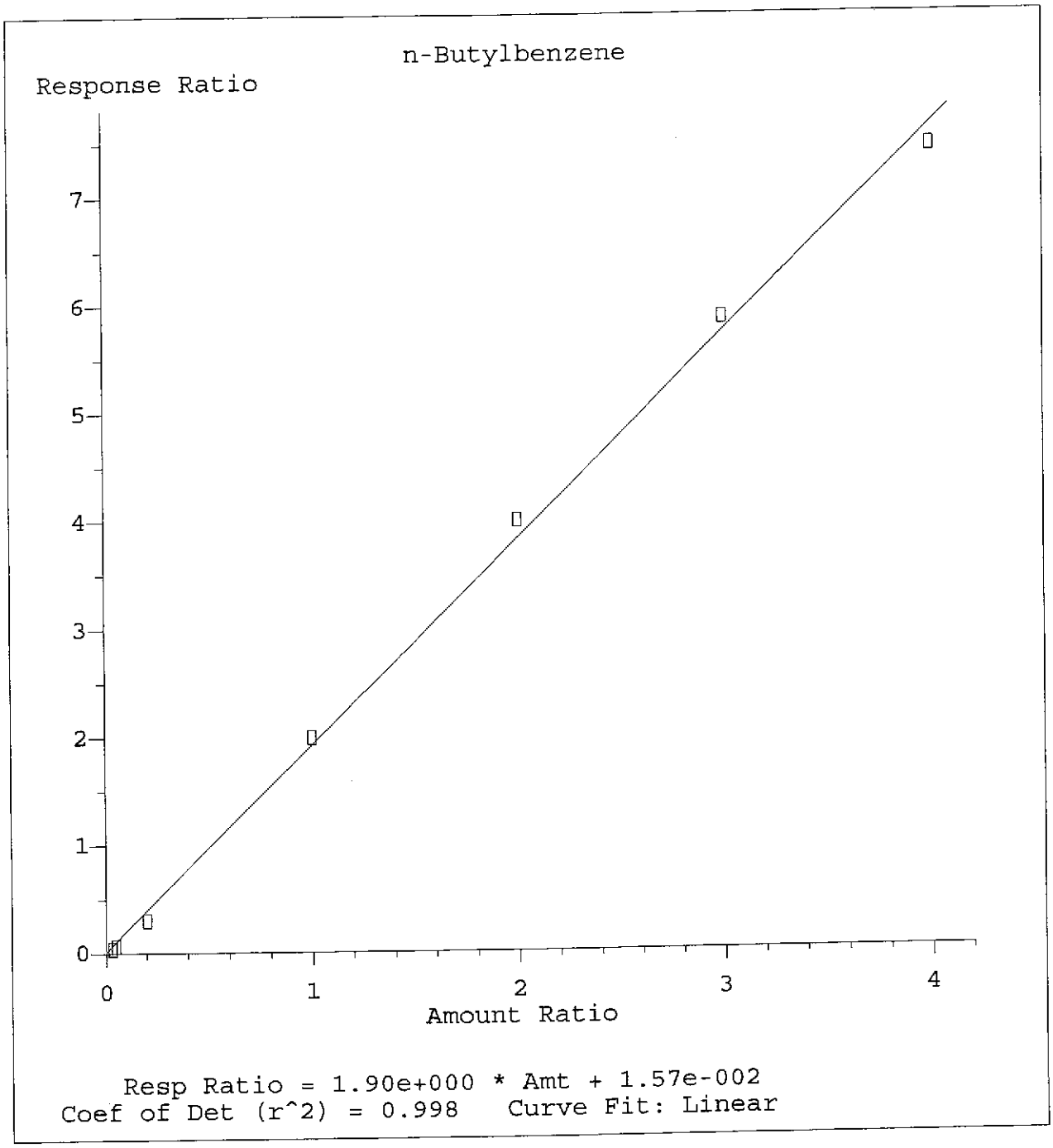
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:05:08 2007



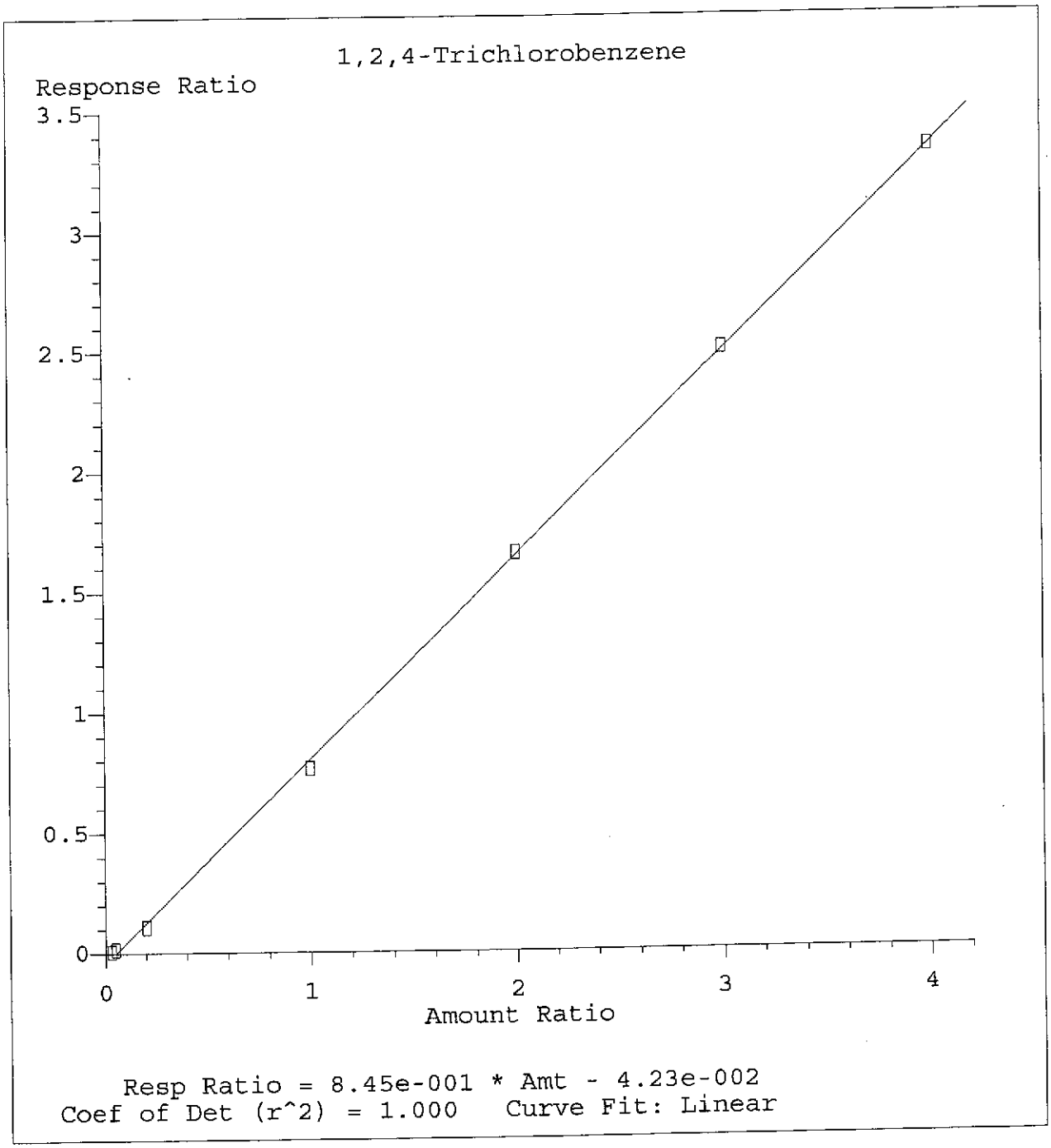
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:01 2007



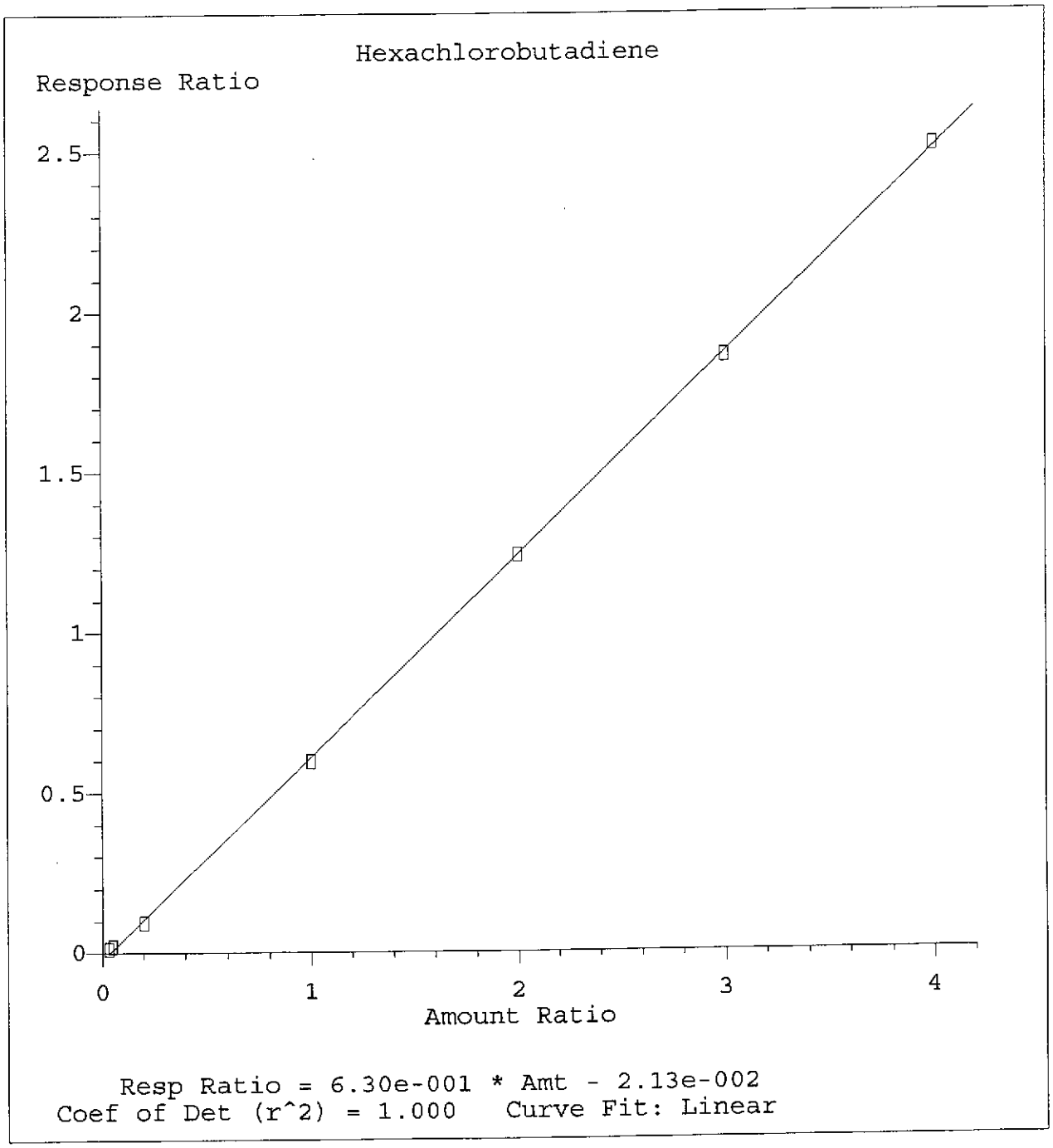
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:40 2007



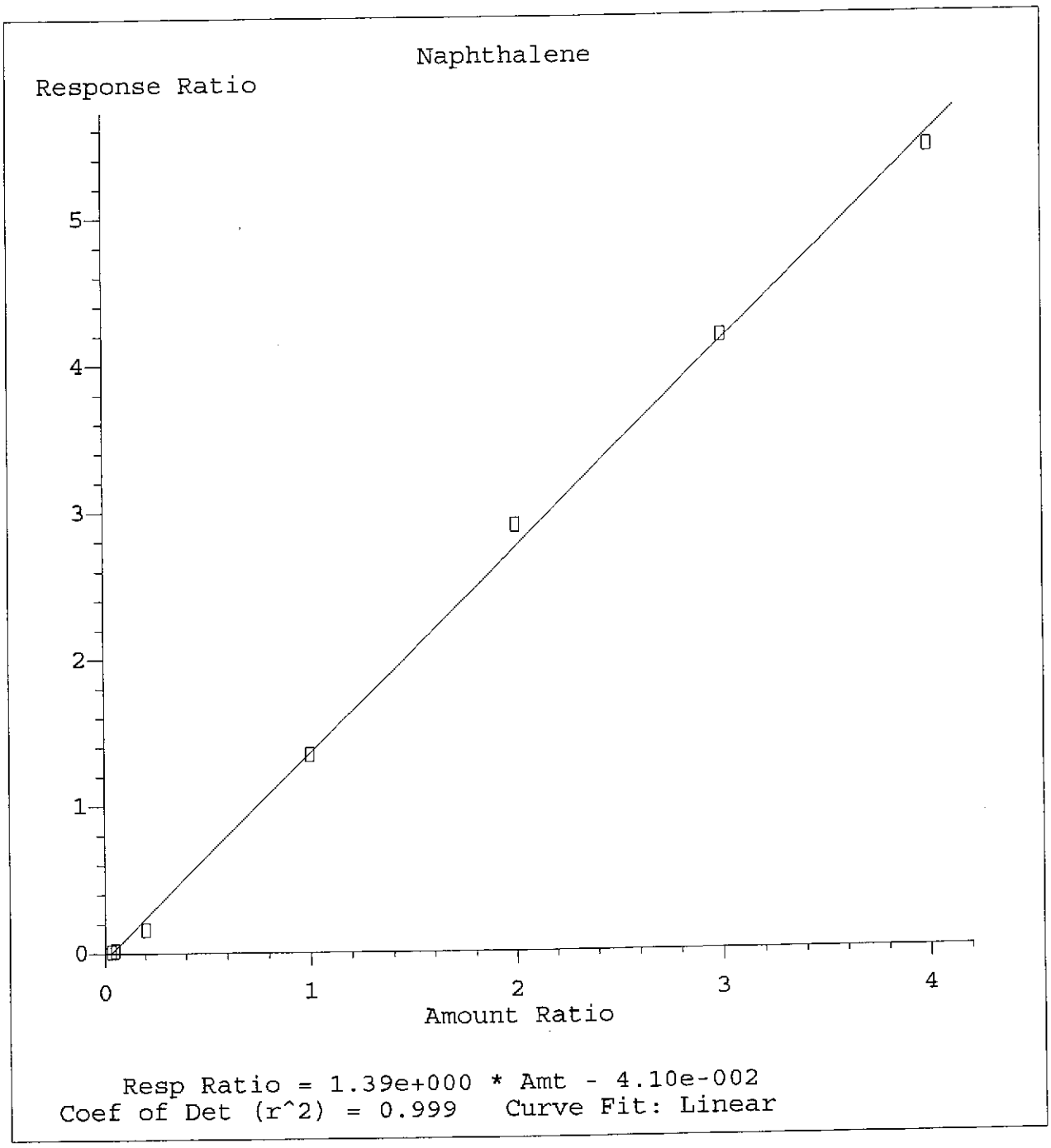
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:08:24 2007



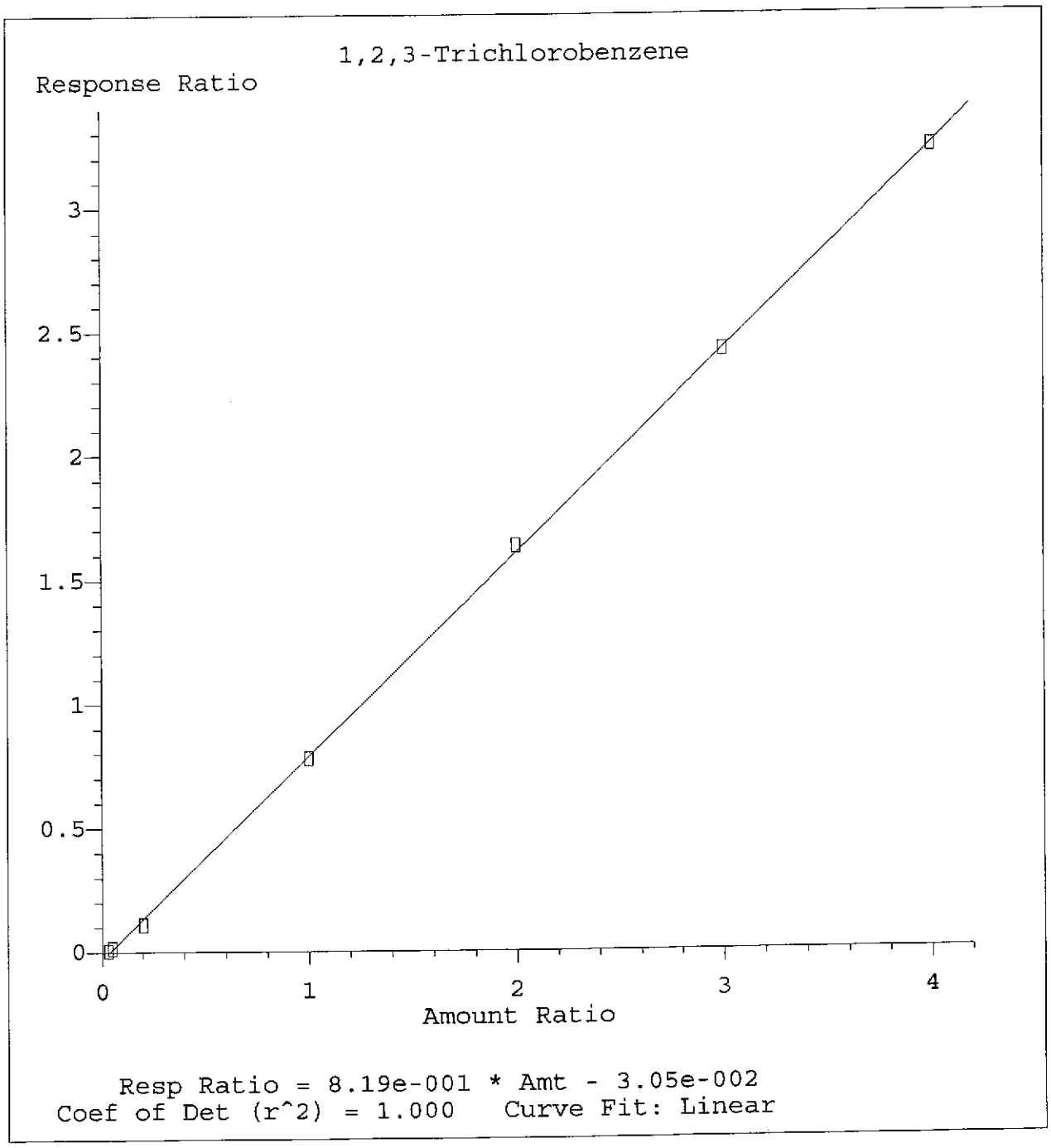
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:03 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:32 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:47 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:11:06 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #: R10068

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 25JUN07

Initial Calibration ID: 990

Concentration Units (ug/L or mg/kg): ug/Kg

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 11:43:01 2007
Response via : Continuing Calibration

ICAL# 990

Calibration Files
2.0 =J3391.D 5.0 =J3392.D 20 =J3393.D
50 =J3394.D 100 =J3395.D 150 =J3396.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.206	0.201	0.201	0.177	0.203	0.213	0.201	5.51
3)	P	Chloromethane	0.242	0.224	0.223	0.186	0.193	0.206	0.210	9.78
4)	CP	Vinyl chloride	0.227	0.237	0.251	0.228	0.260	0.277	0.250	8.04
5)		Bromomethane	0.229	0.228	0.219	0.193	0.190	0.215	0.212	7.28
6)		Chloroethane	0.105	0.093	0.092	0.079	0.079	0.085	0.087	11.43
7)		Trichlorofluorometh	0.306	0.302	0.306	0.257	0.262	0.262	0.276	10.31
8)		Acetone	0.098	0.111	0.098	0.073	0.100	0.108	0.101	14.41
9)		Acrolein	0.038	0.048	0.055	0.044	0.060	0.065	0.054	19.94
10)	CPM	1,1-Dichloroethene	0.176	0.172	0.187	0.183	0.187	0.220	0.192	9.91
11)		Methyl iodide	0.095	0.102	0.134	0.159	0.184	0.214	0.157	31.29
12)		1,1,2-Trichloro-1,2	0.198	0.223	0.229	0.227	0.223	0.253	0.228	7.68
13)		Methyl acetate	0.175	0.205	0.216	0.171	0.224	0.262	0.218	17.63
14)		Acrylonitrile	0.079	0.101	0.110	0.087	0.116	0.126	0.107	17.69
15)		Methylene chloride	0.347	0.401	0.295	0.241	0.245	0.270	0.295	19.88
16)		Carbon disulfide	0.698	0.718	0.781	0.707	0.786	0.850	0.763	7.47
17)		trans-1,2-Dichloroe	0.200	0.215	0.235	0.226	0.234	0.268	0.236	11.04
18)		Methyl tert-Butyl e	0.571	0.658	0.685	0.607	0.720	0.818	0.695	13.55
19)	P	1,1-Dichloroethane	0.375	0.414	0.437	0.392	0.420	0.472	0.427	8.91
20)		Vinyl acetate	0.224	0.306	0.361	0.314	0.411	0.426	0.353	21.49
21)		2-Butanone	0.106	0.139	0.144	0.112	0.154	0.169	0.143	19.13
22)		cis-1,2-Dichloroeth	0.227	0.250	0.278	0.257	0.271	0.310	0.273	11.88
23)		Bromochloromethane	0.110	0.117	0.126	0.115	0.125	0.145	0.127	12.00
24)	CP	Chloroform	0.368	0.422	0.426	0.385	0.415	0.467	0.422	8.90
25)		2,2-Dichloropropane	0.265	0.295	0.325	0.319	0.336	0.392	0.332	14.17
26)		Cyclohexane	0.333	0.387	0.406	0.386	0.409	0.467	0.407	11.45
27)	S	Dibromofluoromethan	0.197	0.206	0.211	0.195	0.210	0.242	0.215	9.72
28)	S	1,2-Dichloroethane-	0.279	0.250	0.259	0.222	0.260	0.287	0.264	9.34
29)		1,2-Dichloroethane	0.260	0.296	0.307	0.268	0.316	0.347	0.307	11.70
30)		1,1,1-Trichloroetha	0.274	0.300	0.324	0.321	0.343	0.405	0.339	14.79
31)		1,1-Dichloropropene	0.265	0.302	0.323	0.307	0.317	0.365	0.320	10.70
32)		Carbon tetrachlorid	0.167	0.176	0.190	0.209	0.214	0.269	0.214	19.95
33)	M	Benzene	1.016	1.066	1.128	1.016	1.056	1.128	1.066	4.38
34)	M	Trichloroethene	0.245	0.263	0.265	0.252	0.261	0.310	0.273	10.34
35)		Dibromomethane	0.124	0.146	0.150	0.135	0.154	0.179	0.153	14.12
36)		Methylcyclohexane	0.399	0.436	0.456	0.449	0.437	0.501	0.452	7.42
37)	CP	1,2-Dichloropropane	0.208	0.248	0.257	0.229	0.256	0.297	0.256	13.17
38)		Bromodichloromethan	0.217	0.246	0.268	0.261	0.301	0.352	0.287	18.87
39)		2-Chloroethylvinyl	0.018	0.020	0.034	0.037	0.058	0.070	0.045	53.37
40)		4-Methyl-2-pentanon	0.188	0.260	0.273	0.221	0.304	0.324	0.272	19.81
41)		cis-1,3-Dichloropro	0.276	0.334	0.380	0.361	0.415	0.477	0.390	19.54
42)	S	Toluene-d8	0.863	0.870	0.905	0.832	0.837	0.918	0.870	3.67
43)	CPM	Toluene	0.654	0.914	0.742	0.636	0.642	0.725	0.717	13.44

ABM 6-25-07

(#) = Out of Range ### Number of calibration levels exceeded format ##

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 11:43:01 2007
Response via : Continuing Calibration

Calibration Files
2.0 =J3391.D 5.0 =J3392.D 20 =J3393.D
50 =J3394.D 100 =J3395.D 150 =J3396.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.229	0.294	0.330	0.315	0.375	0.433	0.345	22.11
45)		1,1,2-Trichloroetha	0.162	0.193	0.199	0.179	0.204	0.231	0.201	13.37
46)		2-Hexanone	0.126	0.179	0.196	0.162	0.234	0.250	0.201	24.85
47)		1,2-Dibromoethane	0.162	0.205	0.217	0.186	0.233	0.269	0.221	18.84
48)	I	Chlorobenzene-d5	ISTD							
49)		1,3-Dichloropropane	0.929	1.052	1.095	1.049	1.119	1.218	1.097	9.32
50)		Dibromochloromethan	0.319	0.404	0.475	0.535	0.591	0.700	0.537	28.11
51)		Tetrachloroethene	0.572	0.572	0.608	0.662	0.597	0.693	0.627	8.35
52)		1-Chlorohexane	0.698	0.772	0.840	0.840	0.825	0.929	0.830	9.36
53)		1,1,1,2-Tetrachloro	0.379	0.432	0.505	0.493	0.566	0.666	0.533	21.56
54)	PM	Chlorobenzene	1.879	1.868	1.884	1.727	1.783	1.965	1.856	4.20
55)	CP	Ethylbenzene	2.904	3.077	3.177	2.951	2.930	3.035	2.970	4.94
56)		(m+p)-Xylene	0.890	0.964	1.050	1.002	1.031	1.142	1.026	8.29
57)		o-Xylene	0.804	0.898	0.996	0.983	1.030	1.163	1.007	13.28
58)		Styrene	1.144	1.430	1.670	1.626	1.743	1.939	1.634	16.82
59)	P	Bromoform	0.188	0.206	0.258	0.282	0.366	0.456	0.320	36.68
60)	S	Bromofluorobenzene	0.959	0.693	0.743	0.693	0.722	0.826	0.781	12.44
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.124	0.159	0.199	0.202	0.265	0.305	0.225	32.89
63)	P	1,1,2,2-Tetrachloro	1.226	1.274	1.310	1.220	1.377	1.465	1.337	8.12
64)		Isopropylbenzene	3.529	4.060	4.431	3.966	3.976	4.117	3.968	7.36
65)		1,2,3-Trichloroprop	1.065	1.194	1.166	0.994	1.162	1.258	1.161	8.84
66)		Bromobenzene	0.893	0.964	1.035	0.929	1.013	1.144	1.023	10.56
67)		n-Propylbenzene	4.043	4.599	4.894	4.456	4.444	4.567	4.434	6.97
68)		2-Chlorotoluene	2.785	2.996	3.193	2.847	2.928	3.207	3.005	5.46
69)		4-Chlorotoluene	2.231	2.629	2.741	2.474	2.537	2.764	2.570	7.07
70)		1,3,5-Trimethylbenz	2.256	2.645	2.894	2.660	2.658	2.995	2.708	8.92
71)		tert-Butylbenzene	2.051	2.486	2.733	2.517	2.608	2.900	2.575	10.54
72)		1,2,4-Trimethylbenz	2.125	2.471	2.656	2.454	2.470	2.740	2.499	7.87
73)		sec-Butylbenzene	3.371	3.955	4.245	3.957	3.879	4.097	3.877	7.52
74)		1,3-Dichlorobenzene	1.510	1.656	1.741	1.567	1.634	1.799	1.668	6.41
75)		p-Isopropyltoluene	2.281	2.688	2.998	2.865	2.818	3.114	2.803	9.53
76)		1,4-Dichlorobenzene	1.674	1.681	1.679	1.554	1.582	1.761	1.666	4.49
77)		n-Butylbenzene	2.323	2.556	2.683	2.539	2.334	2.595	2.486	5.71
78)		1,2-Dichlorobenzene	1.427	1.510	1.587	1.483	1.587	1.736	1.579	7.45
79)		1,2-Dibromo-3-chlor	0.103	0.106	0.125	0.126	0.154	0.173	0.139	23.08
80)		1,2,4-Trichlorobenz	0.681	0.623	0.626	0.659	0.634	0.690	0.659	4.83
81)		Hexachlorobutadiene	0.429	0.409	0.431	0.459	0.449	0.493	0.453	7.73
82)		Naphthalene	1.340	1.548	1.547	1.359	1.535	1.664	1.519	8.27
83)		1,2,3-Trichlorobenz	0.550	0.580	0.588	0.557	0.596	0.662	0.601	8.08

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:49:21 2007
Response via : Continuing Calibration

Calibration Files
200 =J3397.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD-----		
2)		Dichlorodifluoromet	0.202		
3)	P	Chloromethane	0.194		
4)	CP	Vinyl chloride	0.270		
5)		Bromomethane	0.211		
6)		Chloroethane	0.078		
7)		Trichlorofluorometh	0.235		
8)		Acetone	0.119		
9)		Acrolein	0.066		
10)	CPM	1,1-Dichloroethene	0.216		
11)		Methyl iodide	0.213		
12)		1,1,2-Trichloro-1,2	0.244		
13)		Methyl acetate	0.270		
14)		Acrylonitrile	0.129		
15)		Methylene chloride	0.268		
16)		Carbon disulfide	0.805		
17)		trans-1,2-Dichloroe	0.270		
18)		Methyl tert-Butyl e	0.809		
19)	P	1,1-Dichloroethane	0.476		
20)		Vinyl acetate	0.426		
21)		2-Butanone	0.180		
22)		cis-1,2-Dichloroeth	0.318		
23)		Bromochloromethane	0.150		
24)	CP	Chloroform	0.468		
25)		2,2-Dichloropropane	0.393		
26)		Cyclohexane	0.463		
27)	S	Dibromofluoromethan	0.247		
28)	S	1,2-Dichloroethane-	0.293		
29)		1,2-Dichloroethane	0.354		
30)		1,1,1-Trichloroetha	0.405		
31)		1,1-Dichloropropene	0.359		
32)		Carbon tetrachlorid	0.275		
33)	M	Benzene	1.049		
34)	M	Trichloroethene	0.316		
35)		Dibromomethane	0.183		
36)		Methylcyclohexane	0.485		
37)	CP	1,2-Dichloropropane	0.301		
38)		Bromodichloromethan	0.361		
39)		2-Chloroethylvinyl	0.079		
40)		4-Methyl-2-pentanon	0.334		
41)		cis-1,3-Dichloropro	0.488		
42)	S	Toluene-d8	0.866		
43)	CPM	Toluene	0.705		

(#) = Out of Range ### Number of calibration levels exceeded format ###

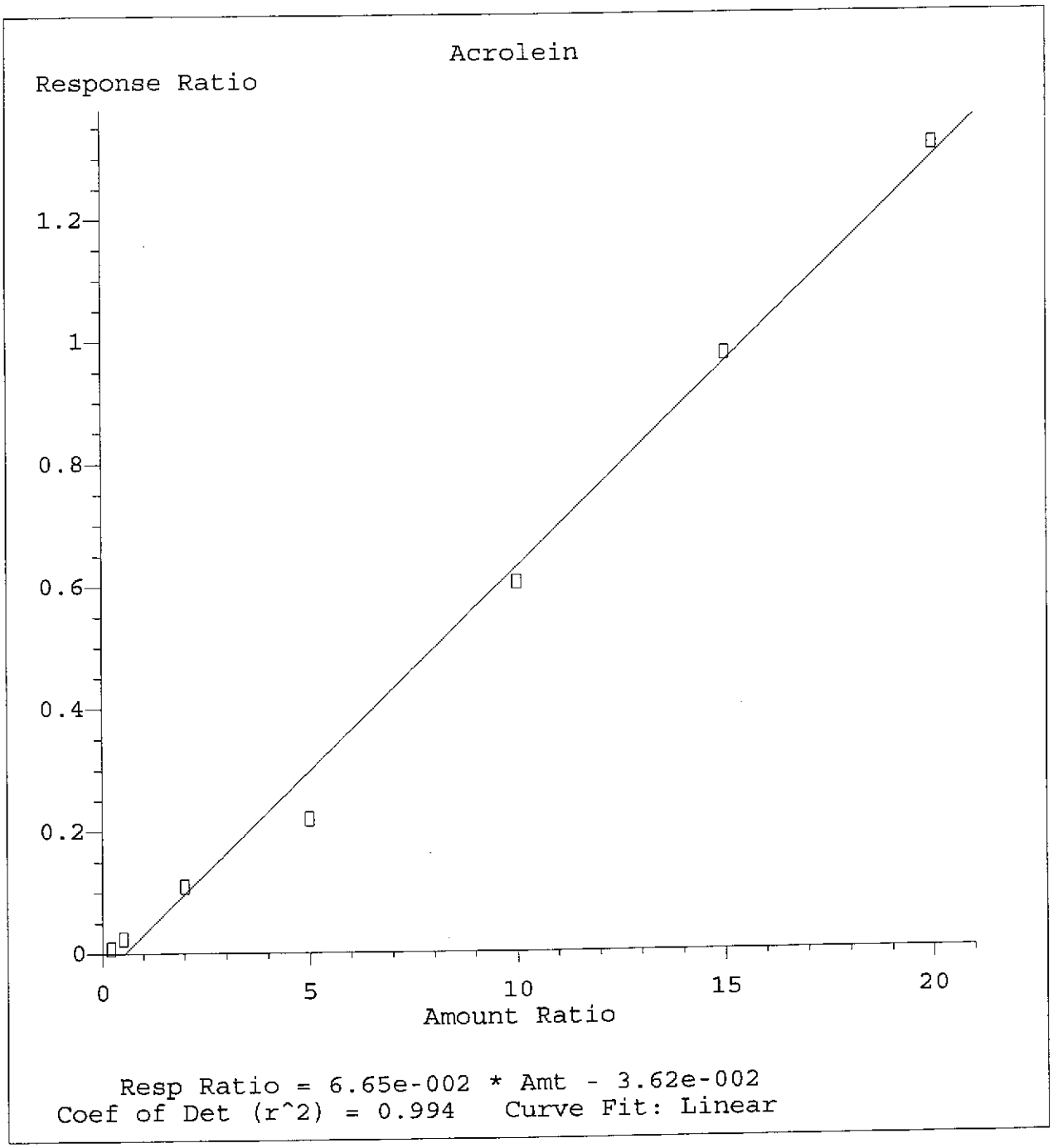
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:49:21 2007
Response via : Continuing Calibration

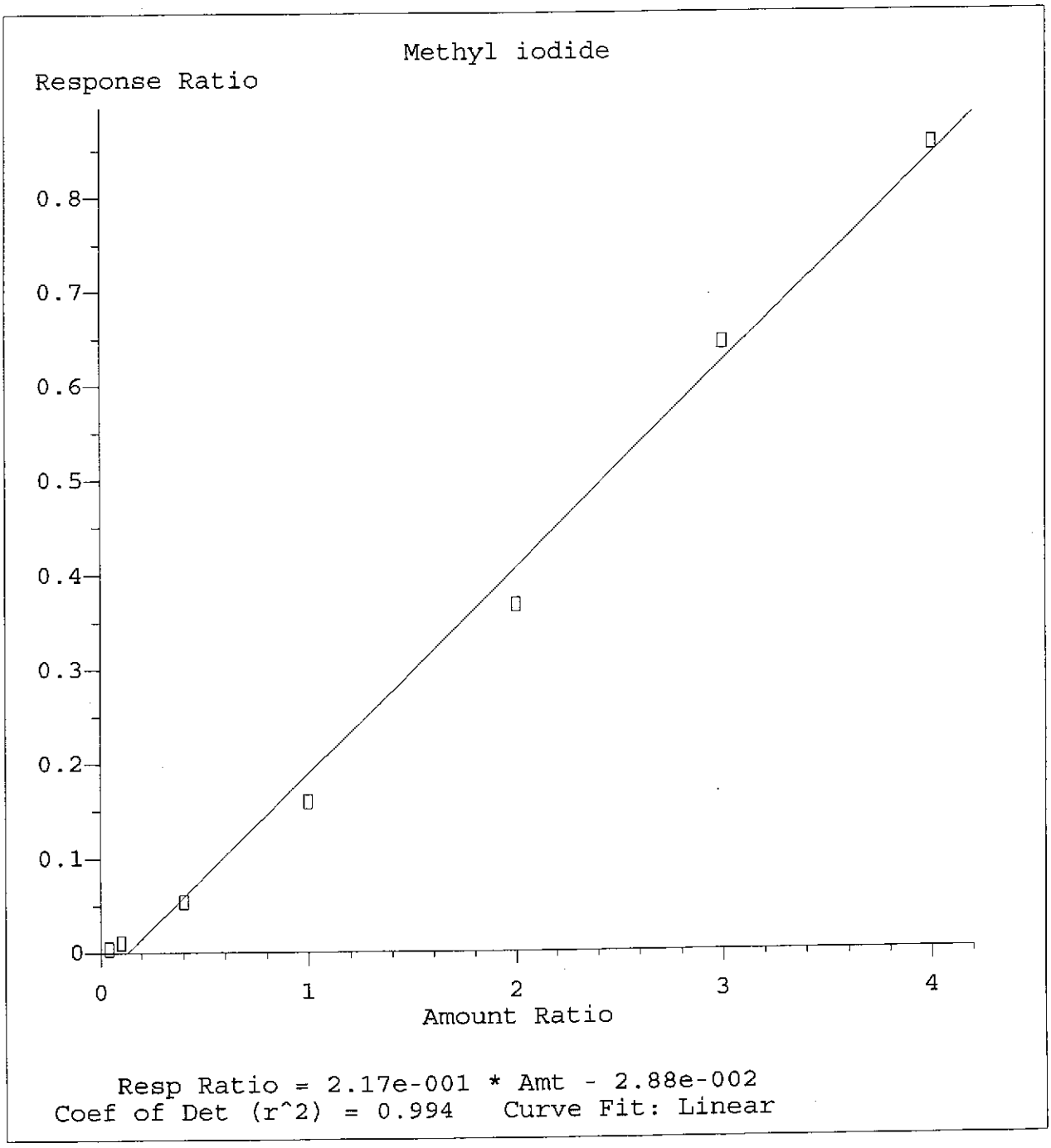
Calibration Files
200 =J3397.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.440		
45)		1,1,2-Trichloroetha	0.238		
46)		2-Hexanone	0.264		
47)		1,2-Dibromoethane	0.276		
48)	I	Chlorobenzene-d5	----------ISTD----		
49)		1,3-Dichloropropane	1.220		
50)		Dibromochloromethan	0.732		
51)		Tetrachloroethene	0.688		
52)		1-Chlorohexane	0.902		
53)		1,1,1,2-Tetrachloro	0.687		
54)	PM	Chlorobenzene	1.890		
55)	CP	Ethylbenzene	2.717		
56)		(m+p)-Xylene	1.105		
57)		o-Xylene	1.176		
58)		Styrene	1.890		
59)	P	Bromoform	0.483		
60)	S	Bromofluorobenzene	0.830		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----		
62)		trans-1,4-Dichloro-	0.320		
63)	P	1,1,2,2-Tetrachloro	1.486		
64)		Isopropylbenzene	3.697		
65)		1,2,3-Trichloroprop	1.286		
66)		Bromobenzene	1.184		
67)		n-Propylbenzene	4.031		
68)		2-Chlorotoluene	3.082		
69)		4-Chlorotoluene	2.616		
70)		1,3,5-Trimethylbenz	2.848		
71)		tert-Butylbenzene	2.734		
72)		1,2,4-Trimethylbenz	2.579		
73)		sec-Butylbenzene	3.635		
74)		1,3-Dichlorobenzene	1.766		
75)		p-Isopropyltoluene	2.856		
76)		1,4-Dichlorobenzene	1.732		
77)		n-Butylbenzene	2.372		
78)		1,2-Dichlorobenzene	1.725		
79)		1,2-Dibromo-3-chlor	0.184		
80)		1,2,4-Trichlorobenz	0.700		
81)		Hexachlorobutadiene	0.505		
82)		Naphthalene	1.637		
83)		1,2,3-Trichlorobenz	0.673		

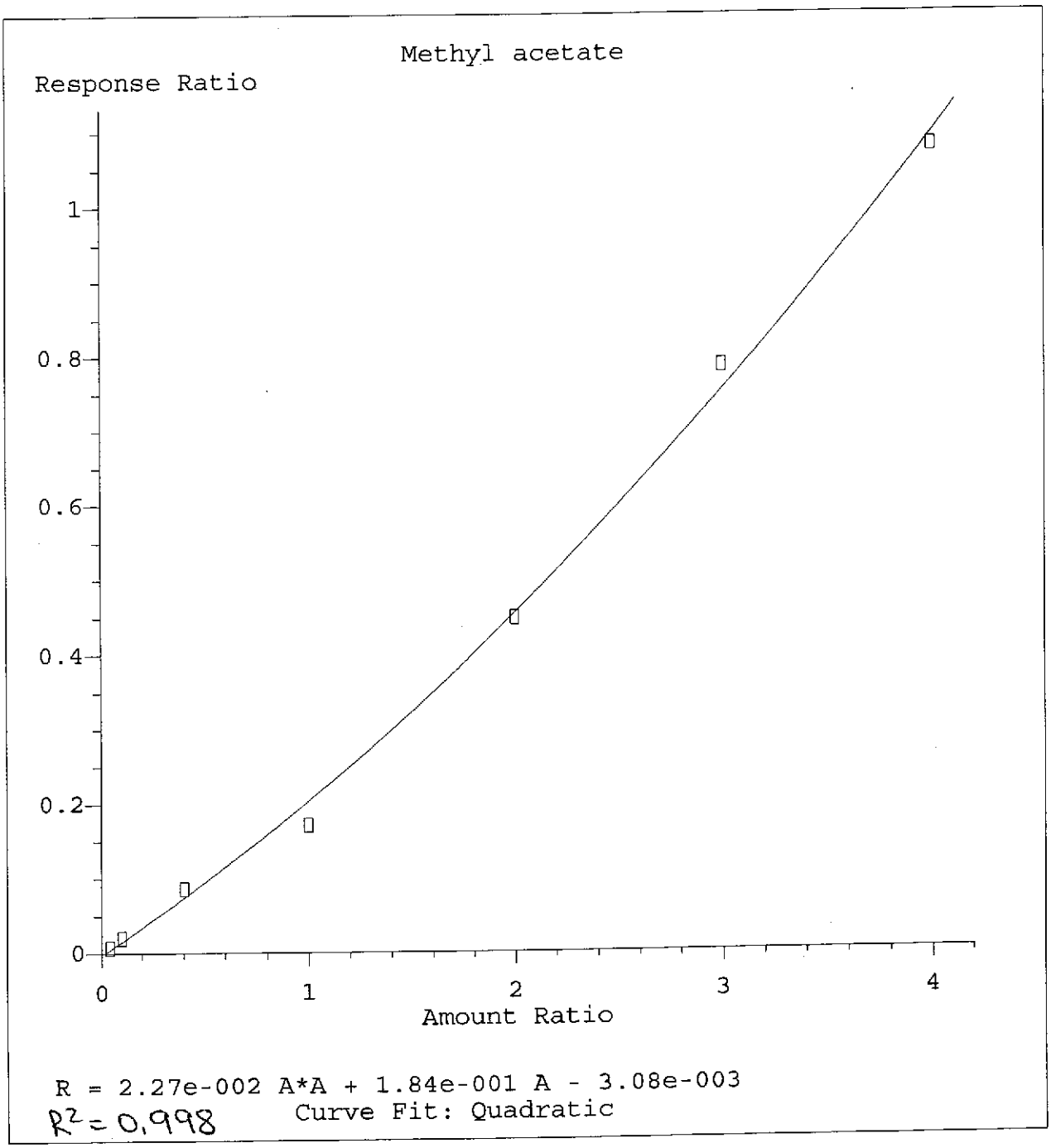
(#) = Out of Range ### Number of calibration levels exceeded format ###



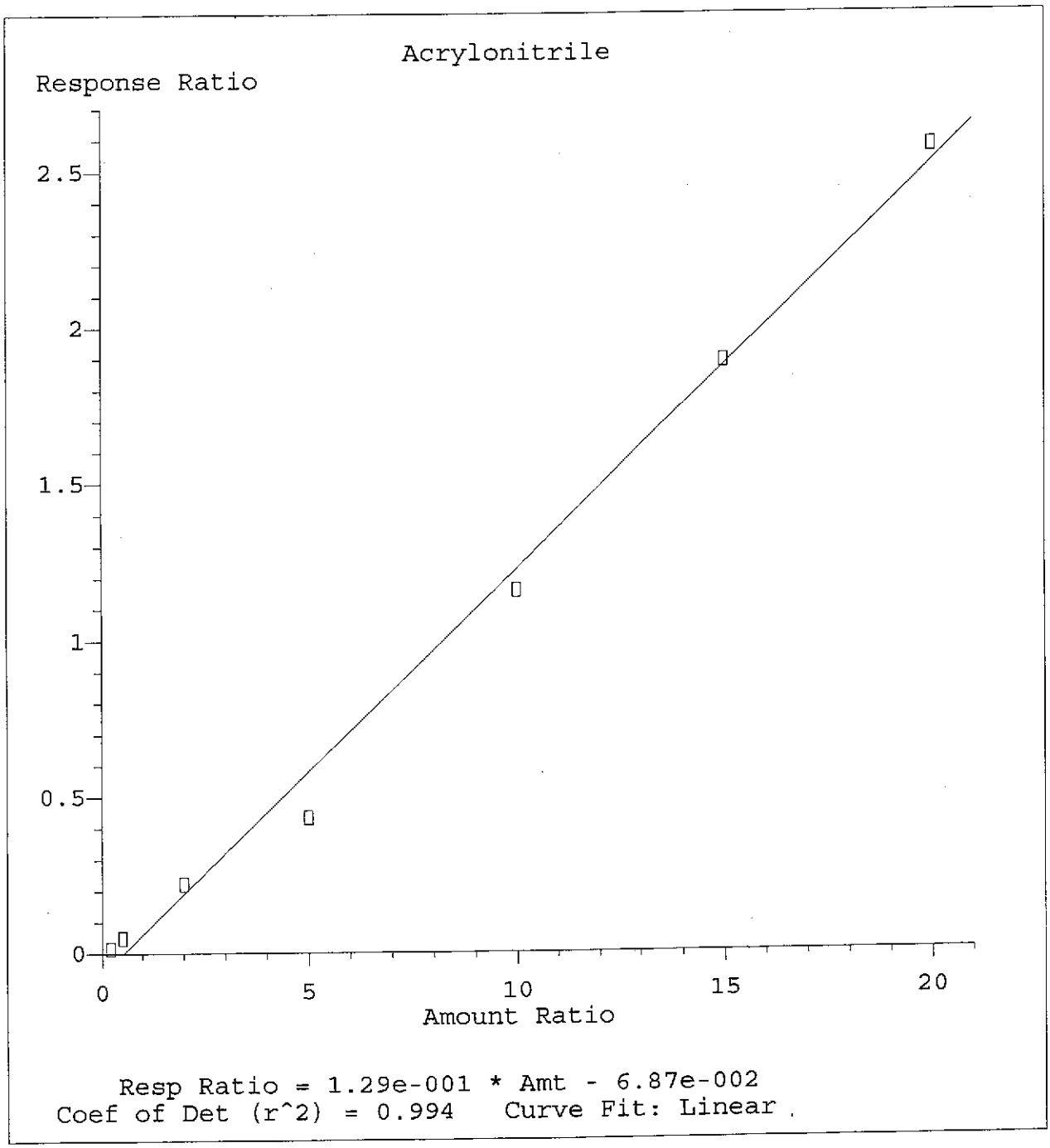
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 11:43:01 2007



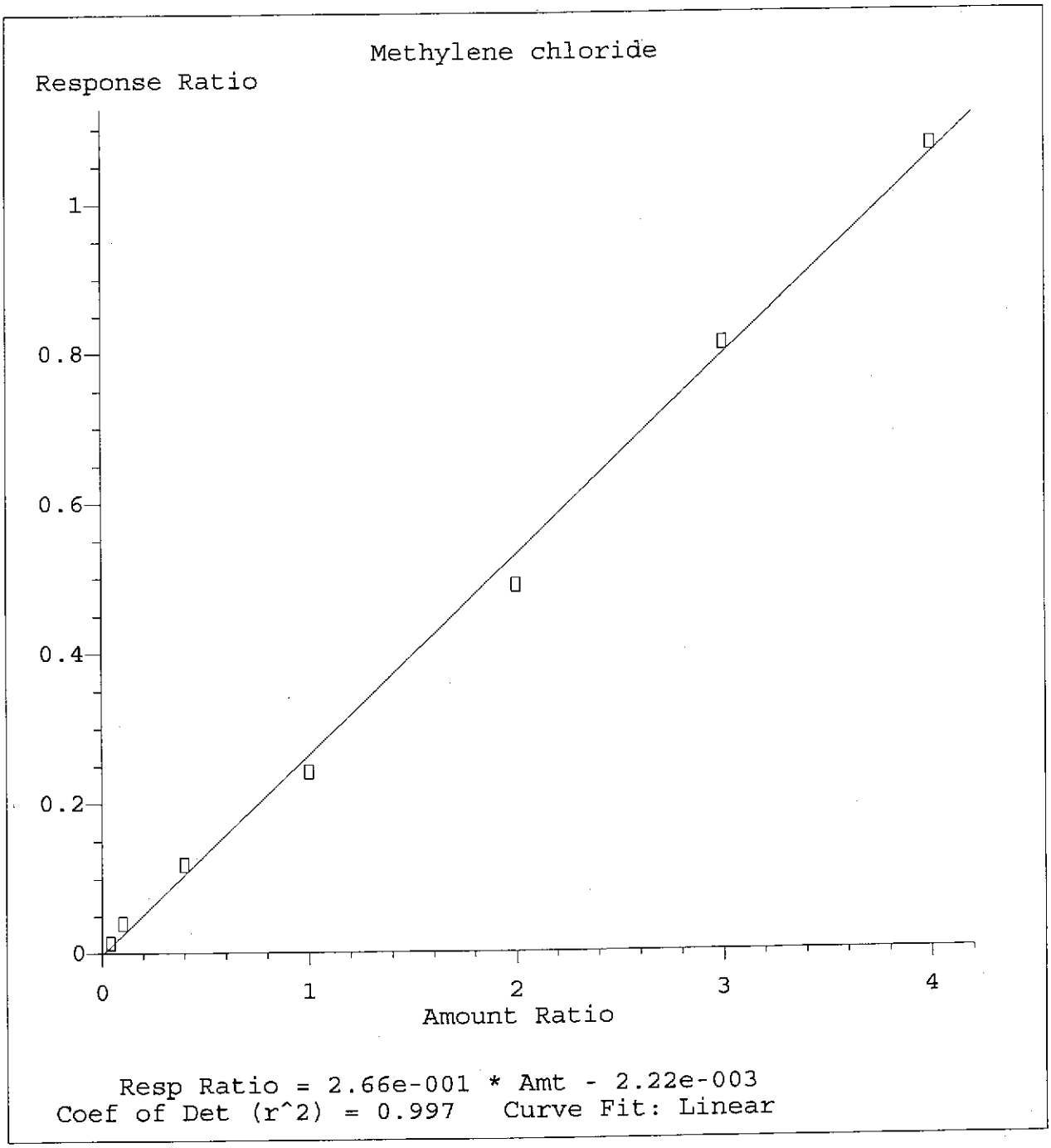
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Calibration Table Last Updated: Mon Jun 25 11:45:07 2007



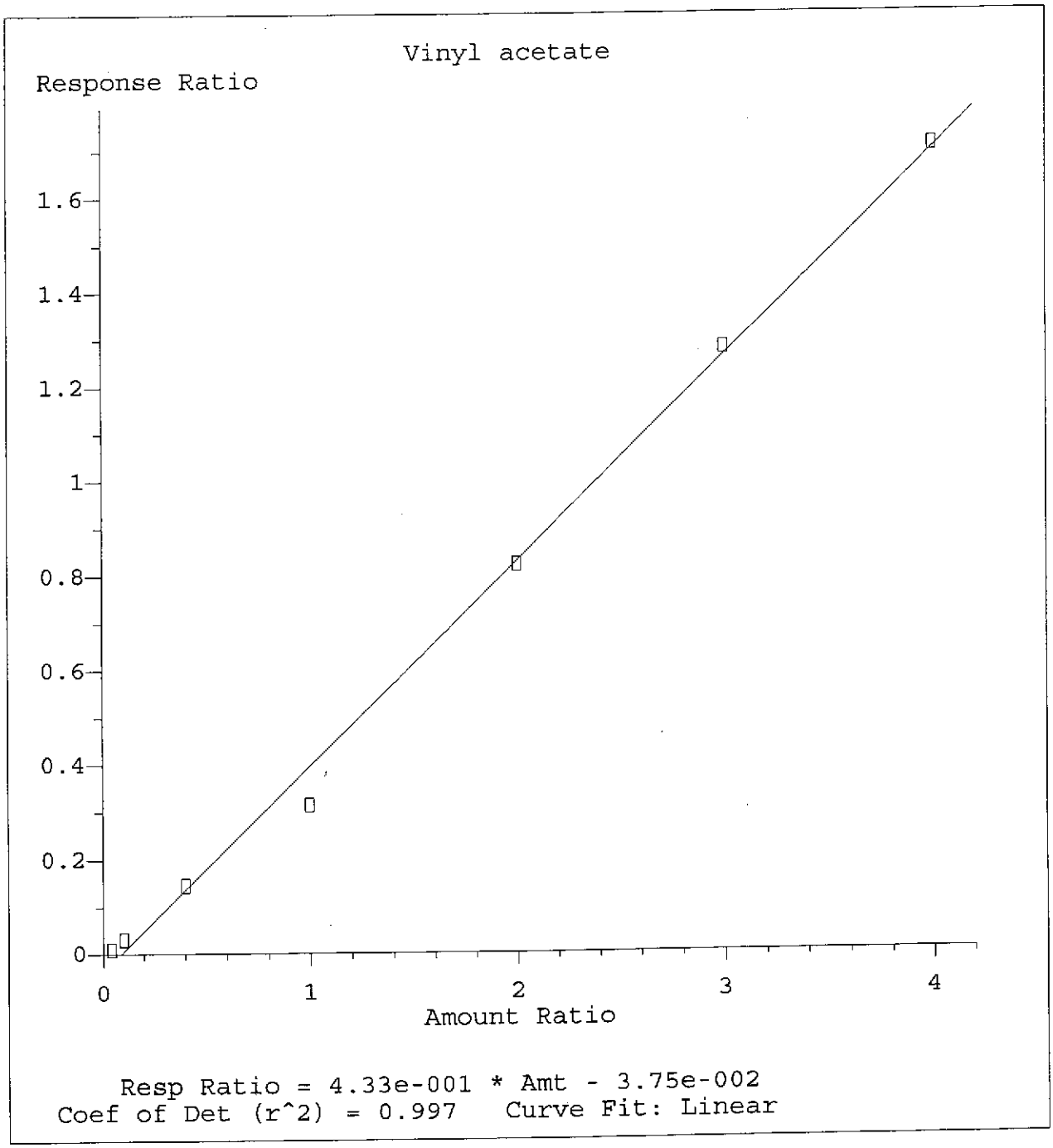
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Calibration Table Last Updated: Mon Jun 25 11:46:56 2007



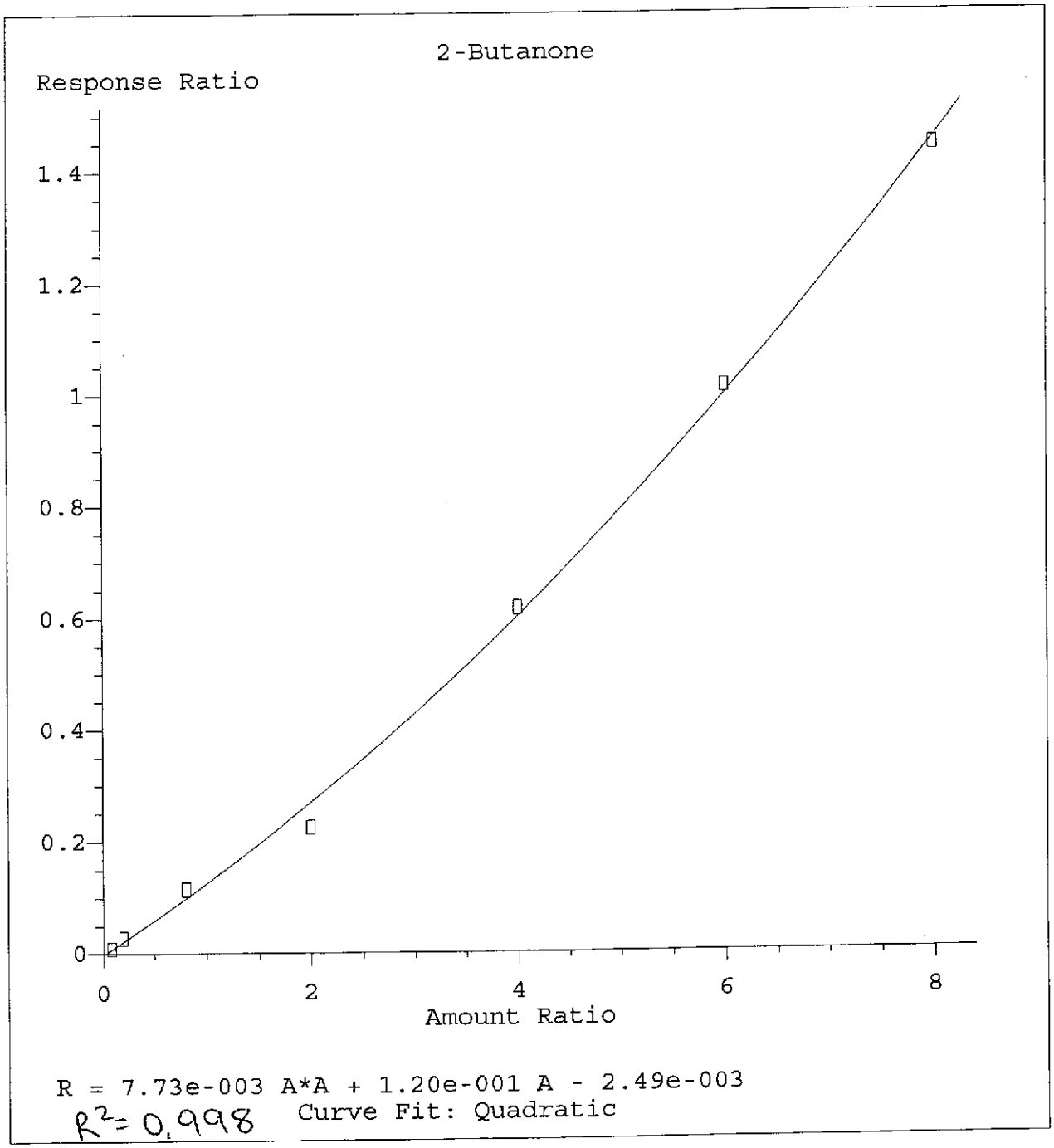
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Calibration Table Last Updated: Mon Jun 25 11:56:15 2007



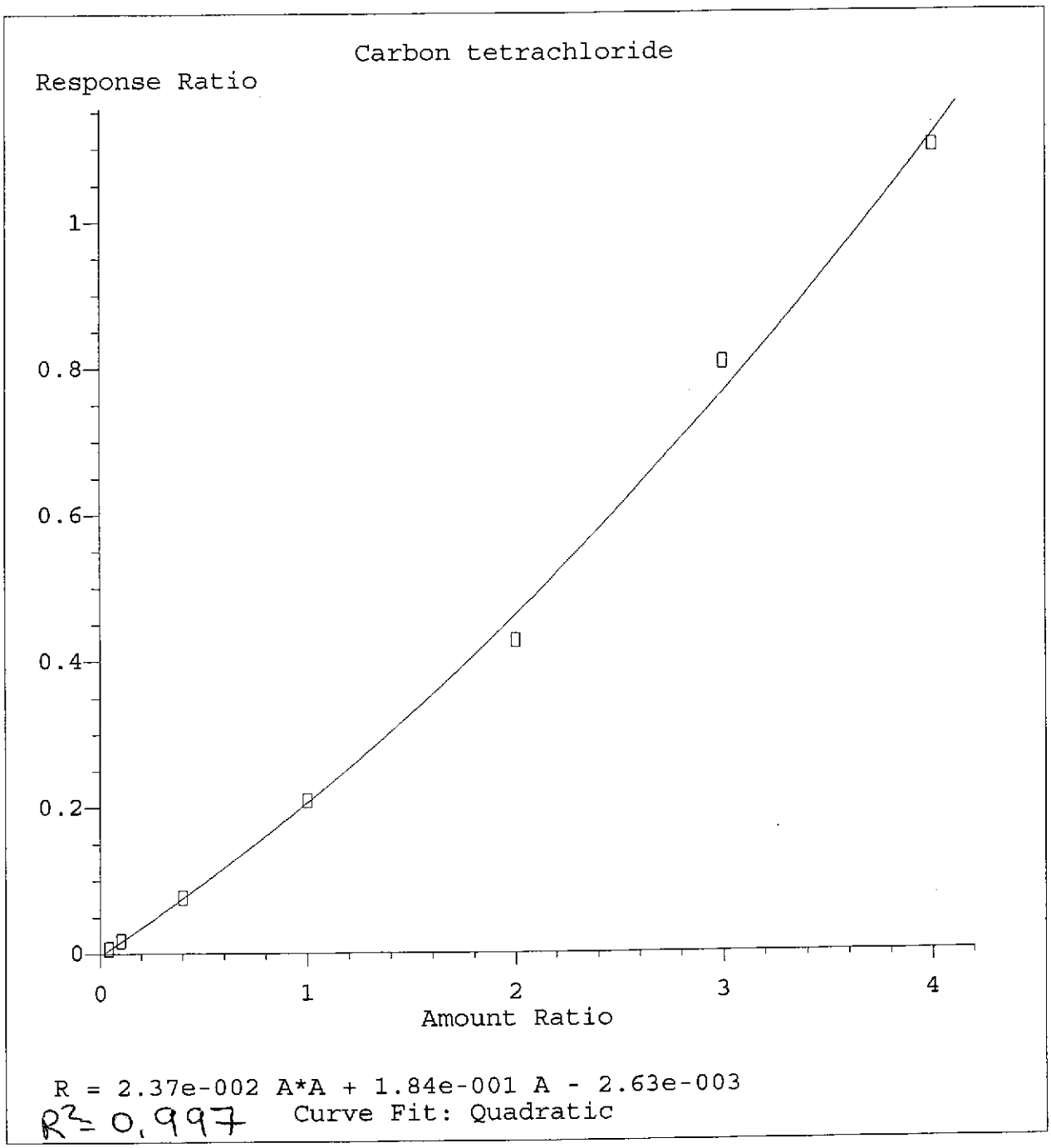
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Calibration Table Last Updated: Mon Jun 25 12:50:16 2007



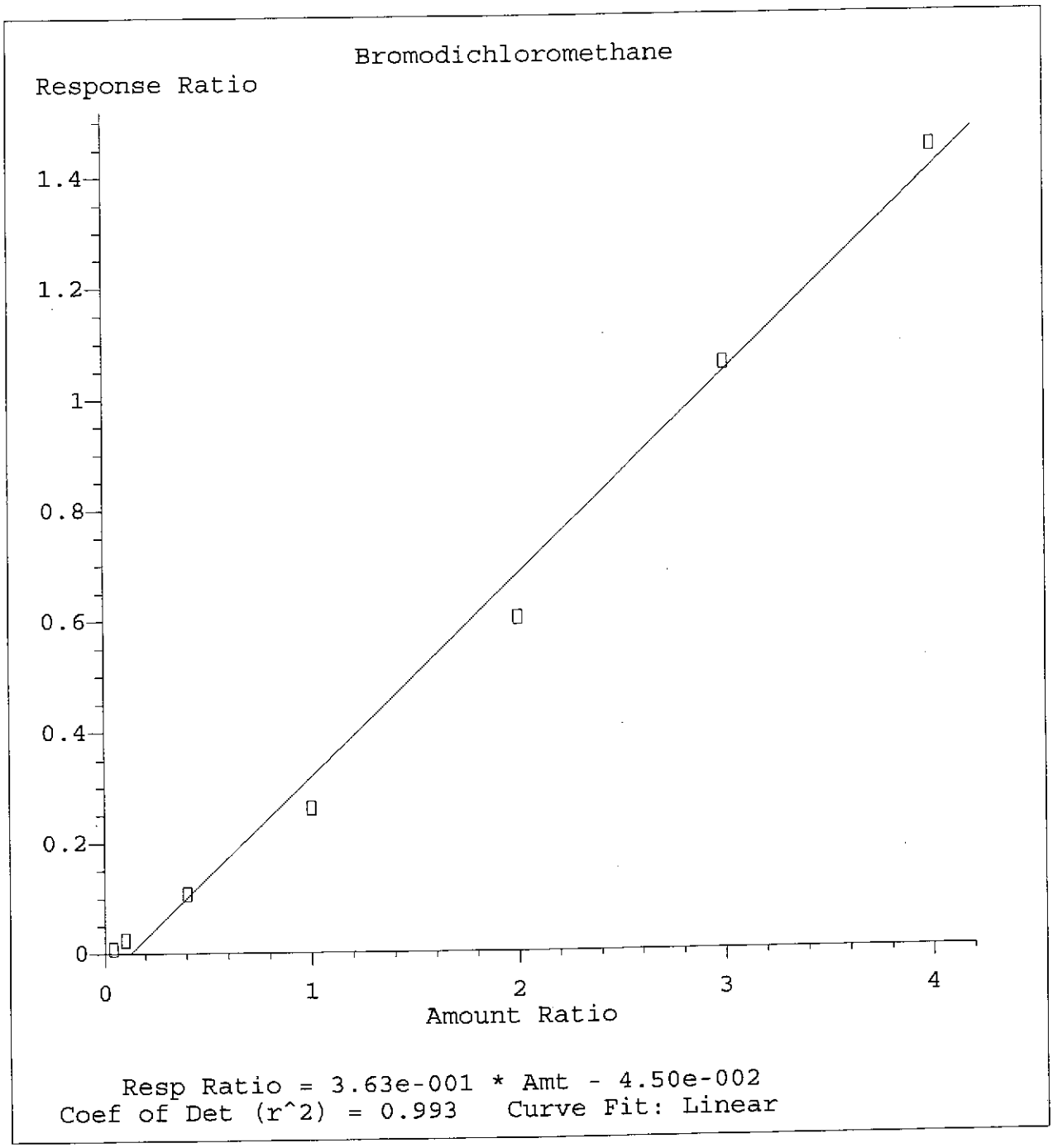
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Calibration Table Last Updated: Mon Jun 25 12:53:15 2007



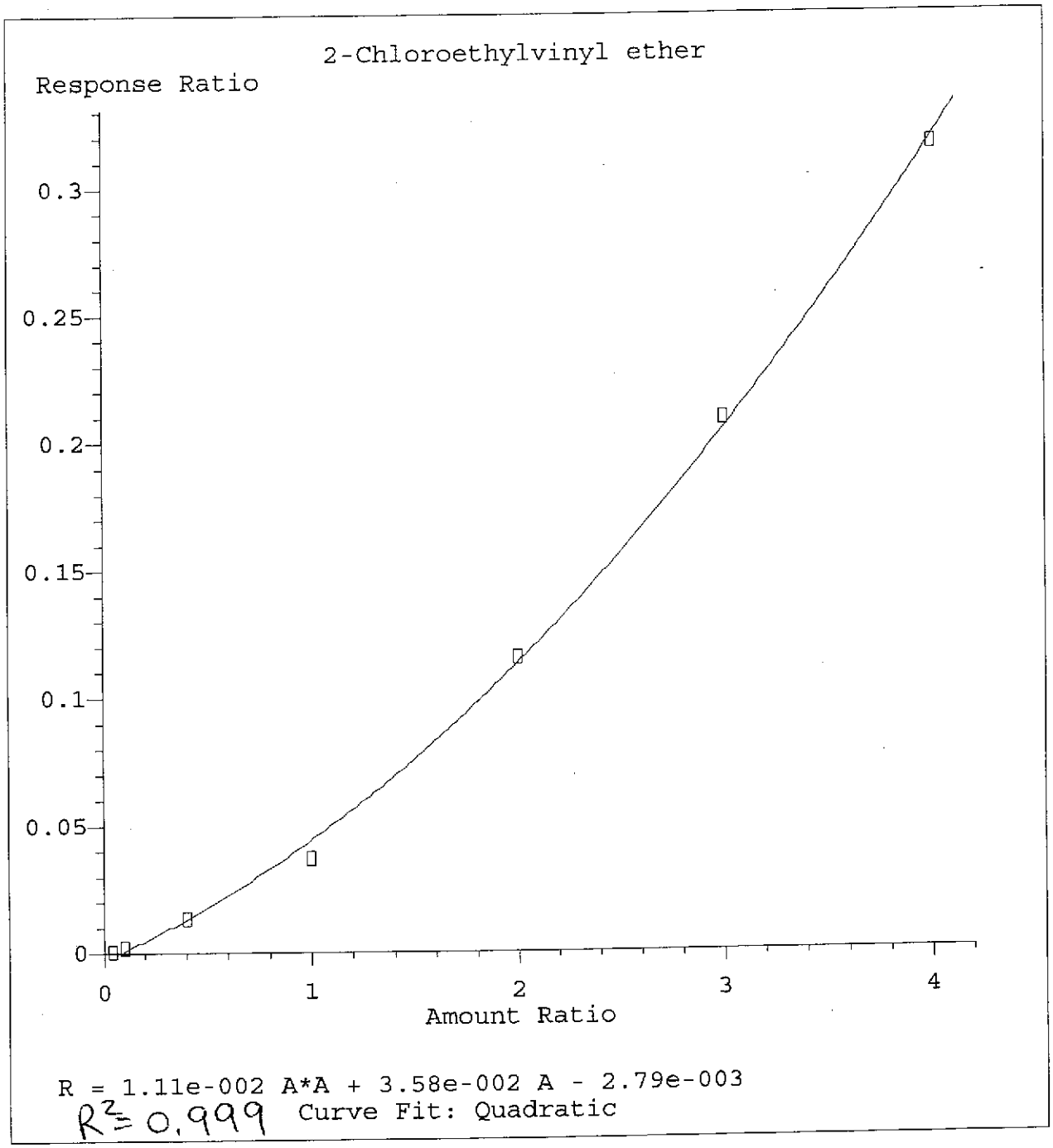
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Calibration Table Last Updated: Mon Jun 25 12:53:42 2007



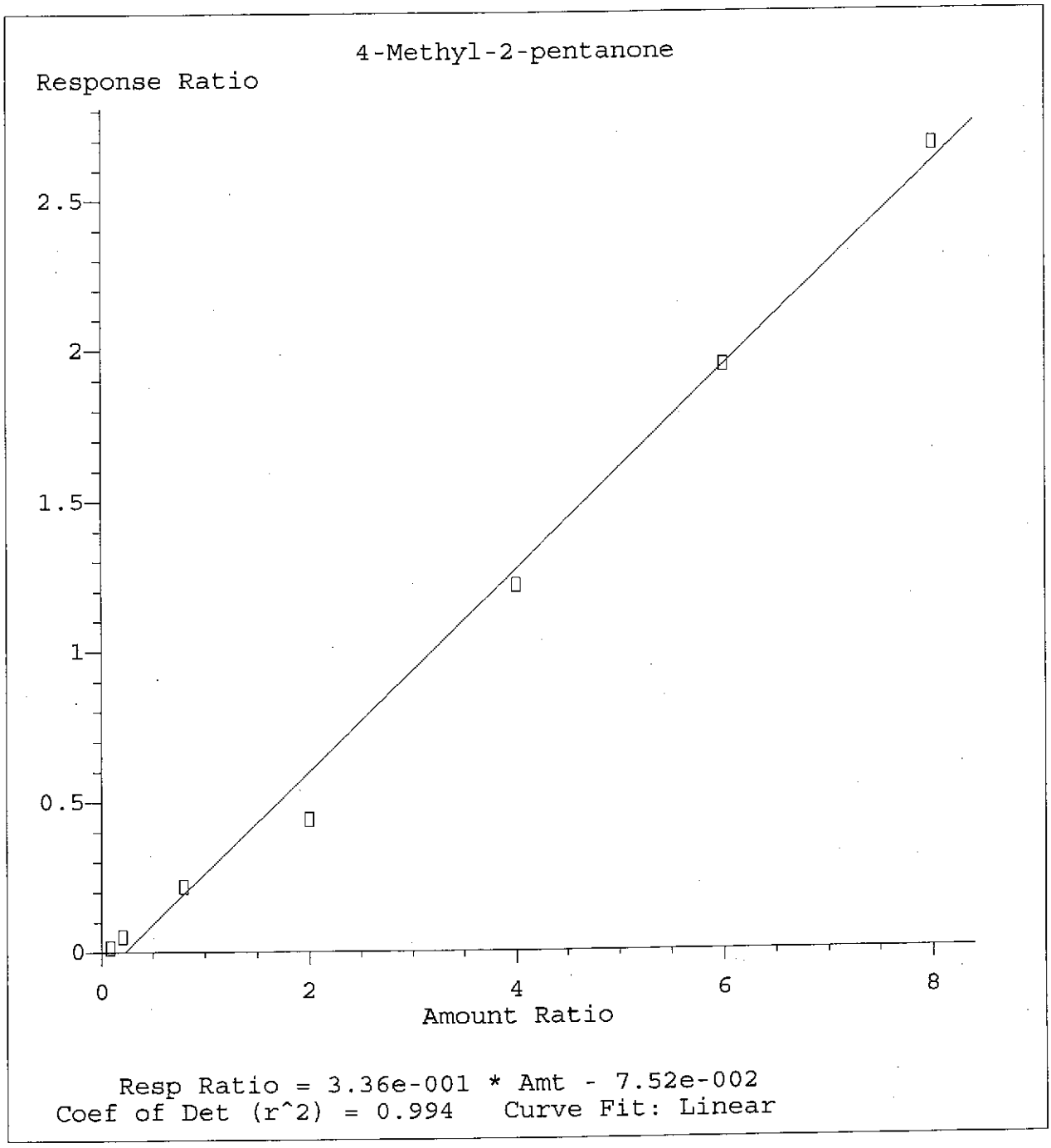
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Calibration Table Last Updated: Mon Jun 25 12:54:09 2007



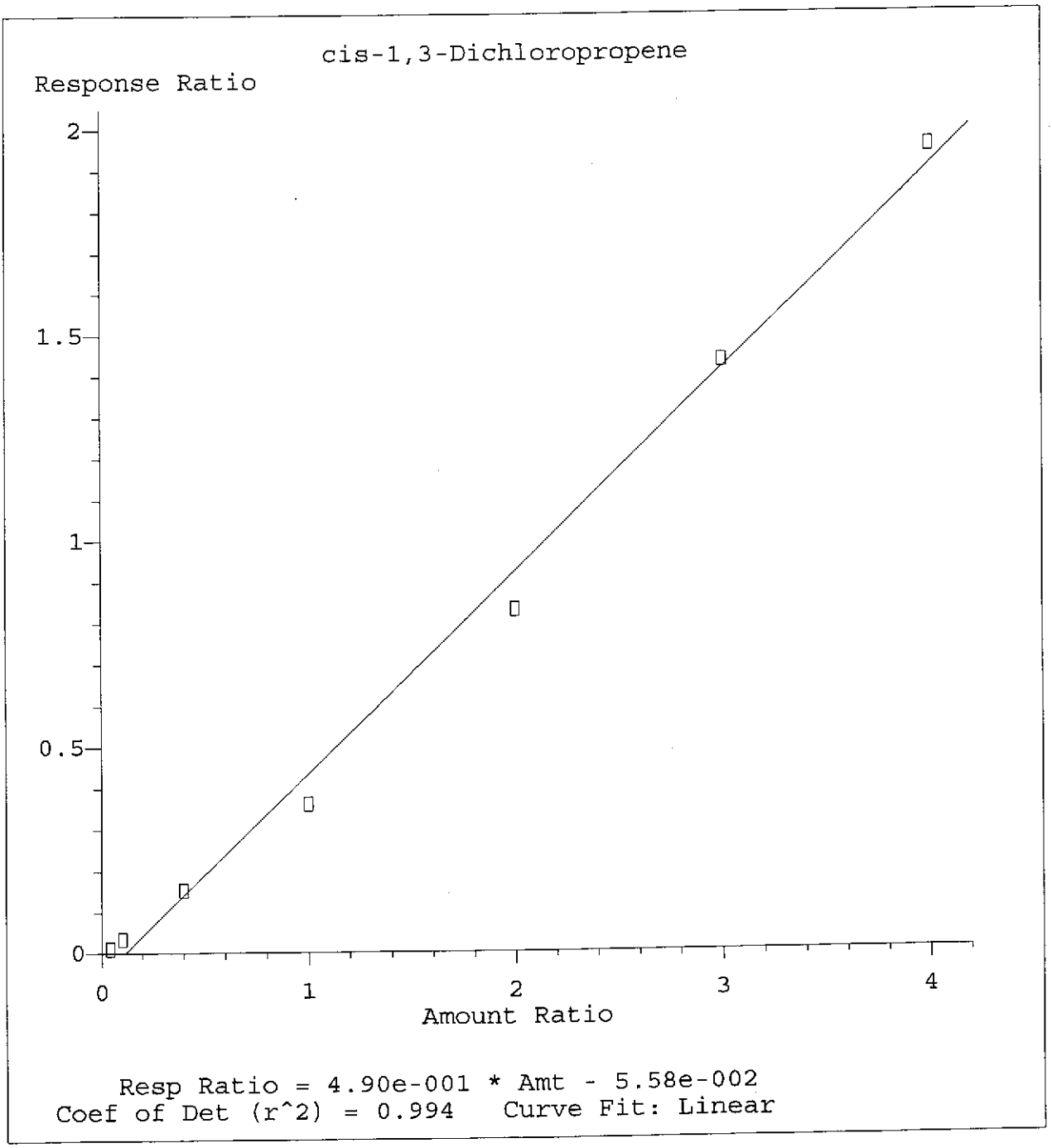
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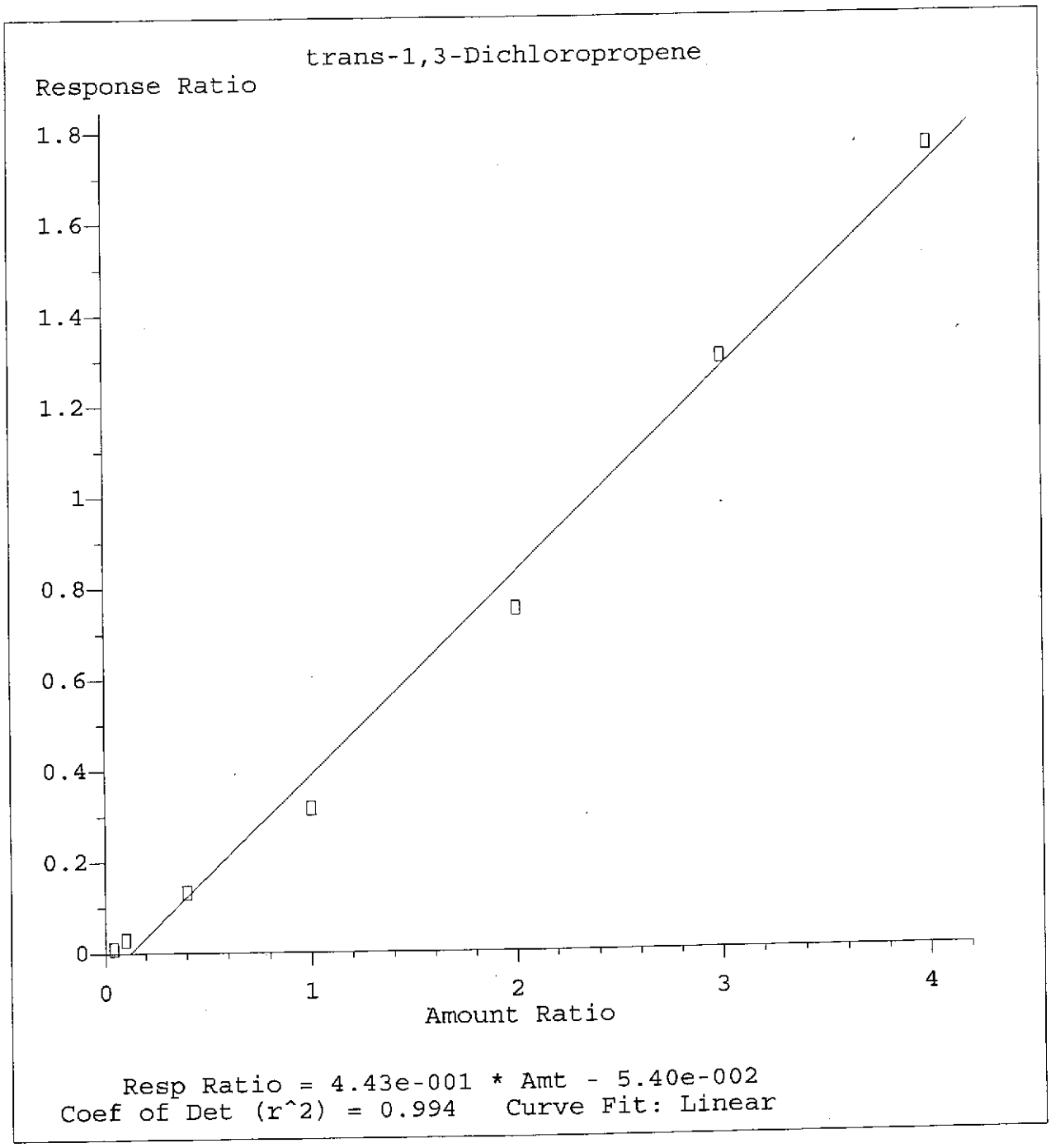
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Calibration Table Last Updated: Mon Jun 25 12:55:31 2007



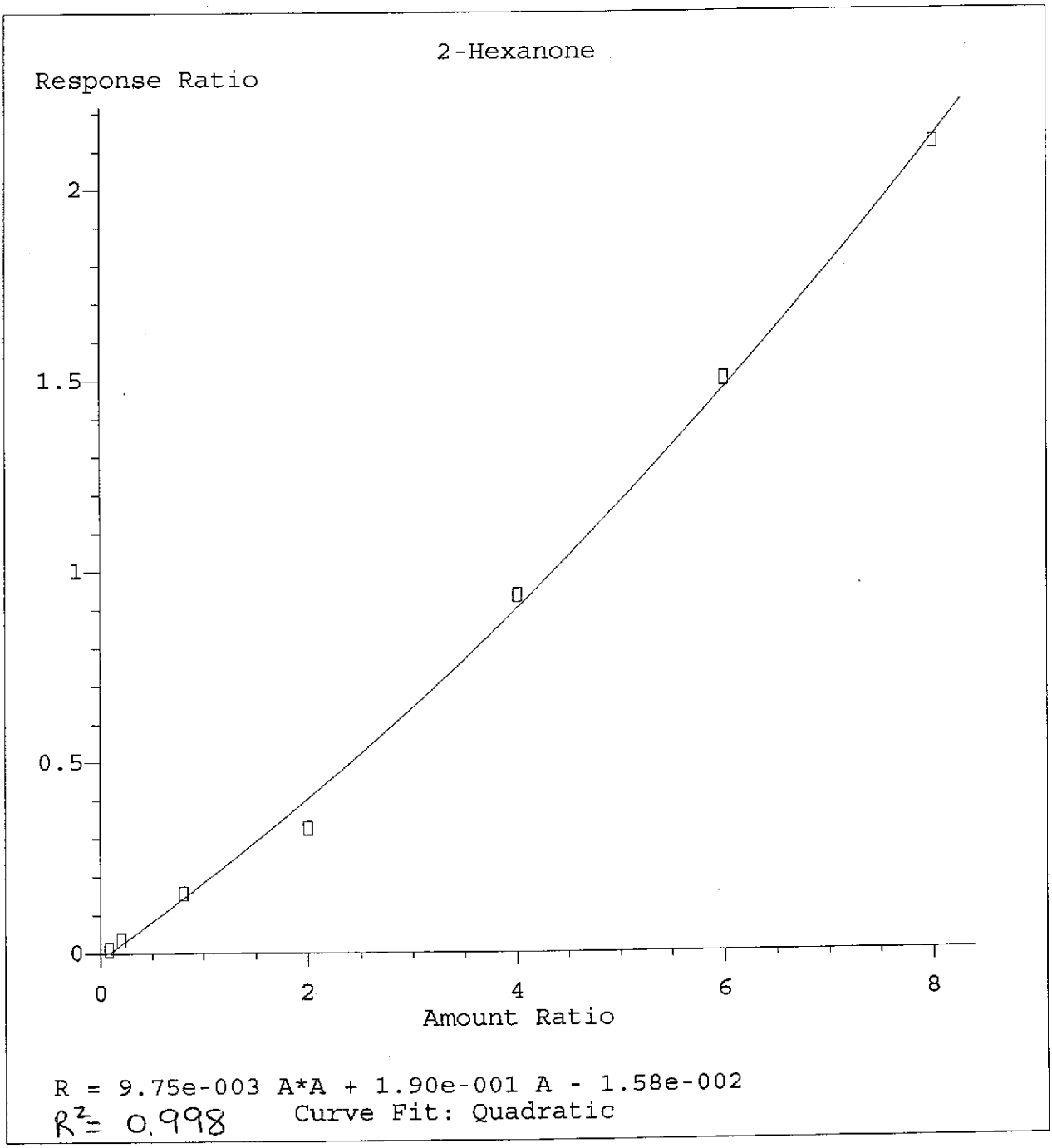
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Calibration Table Last Updated: Mon Jun 25 12:56:18 2007



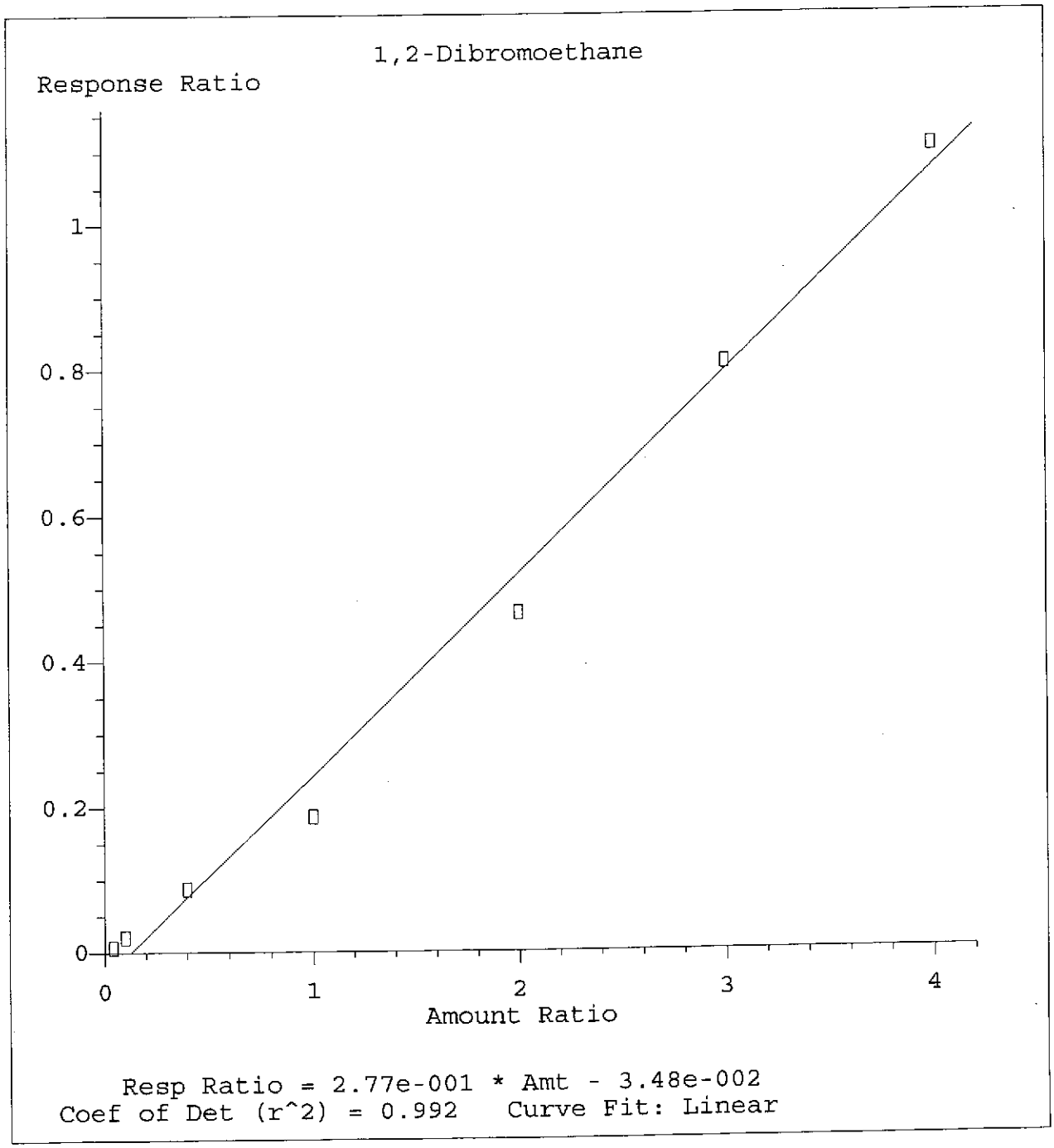
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Calibration Table Last Updated: Mon Jun 25 12:56:37 2007



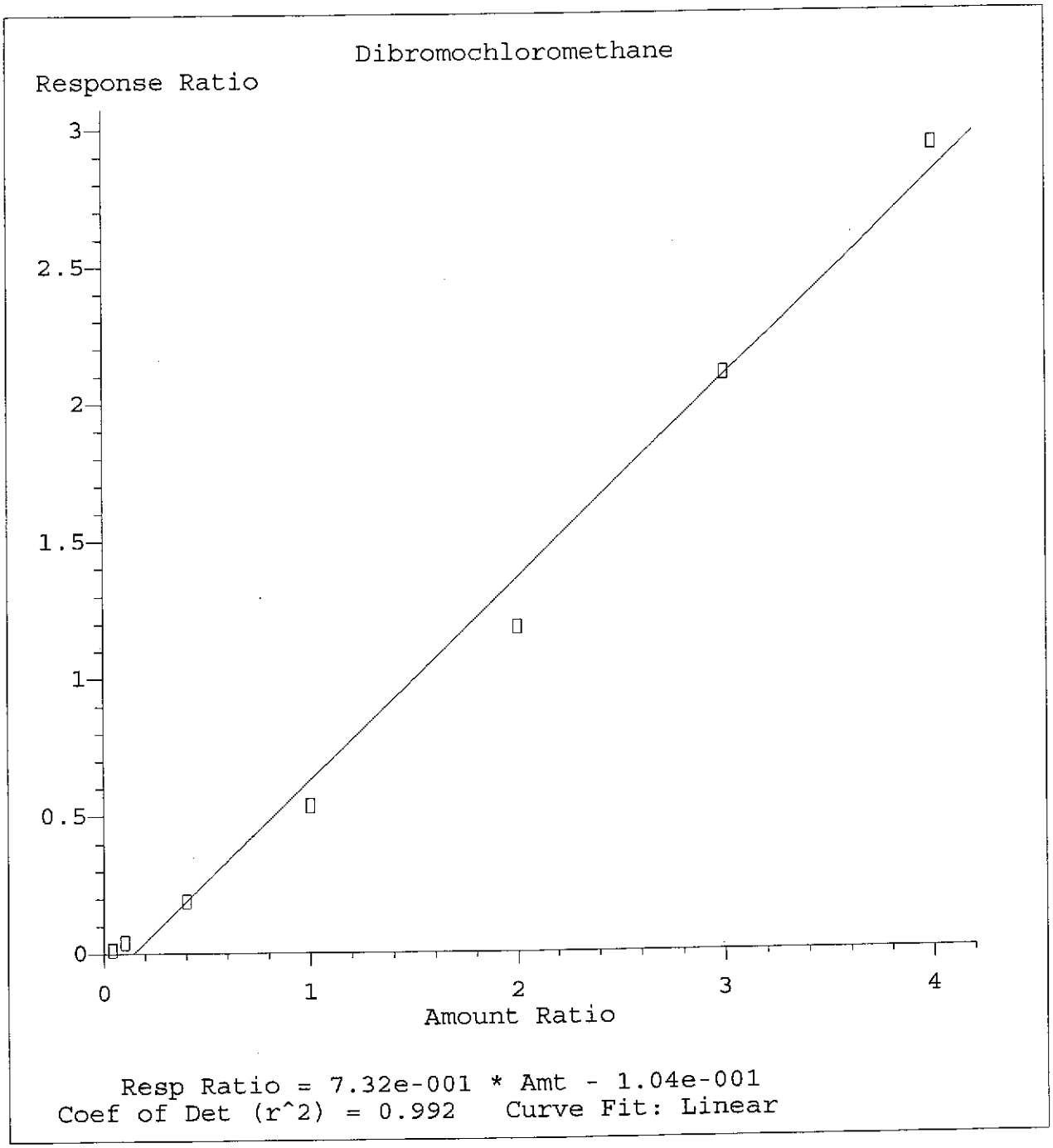
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Calibration Table Last Updated: Mon Jun 25 12:56:47 2007



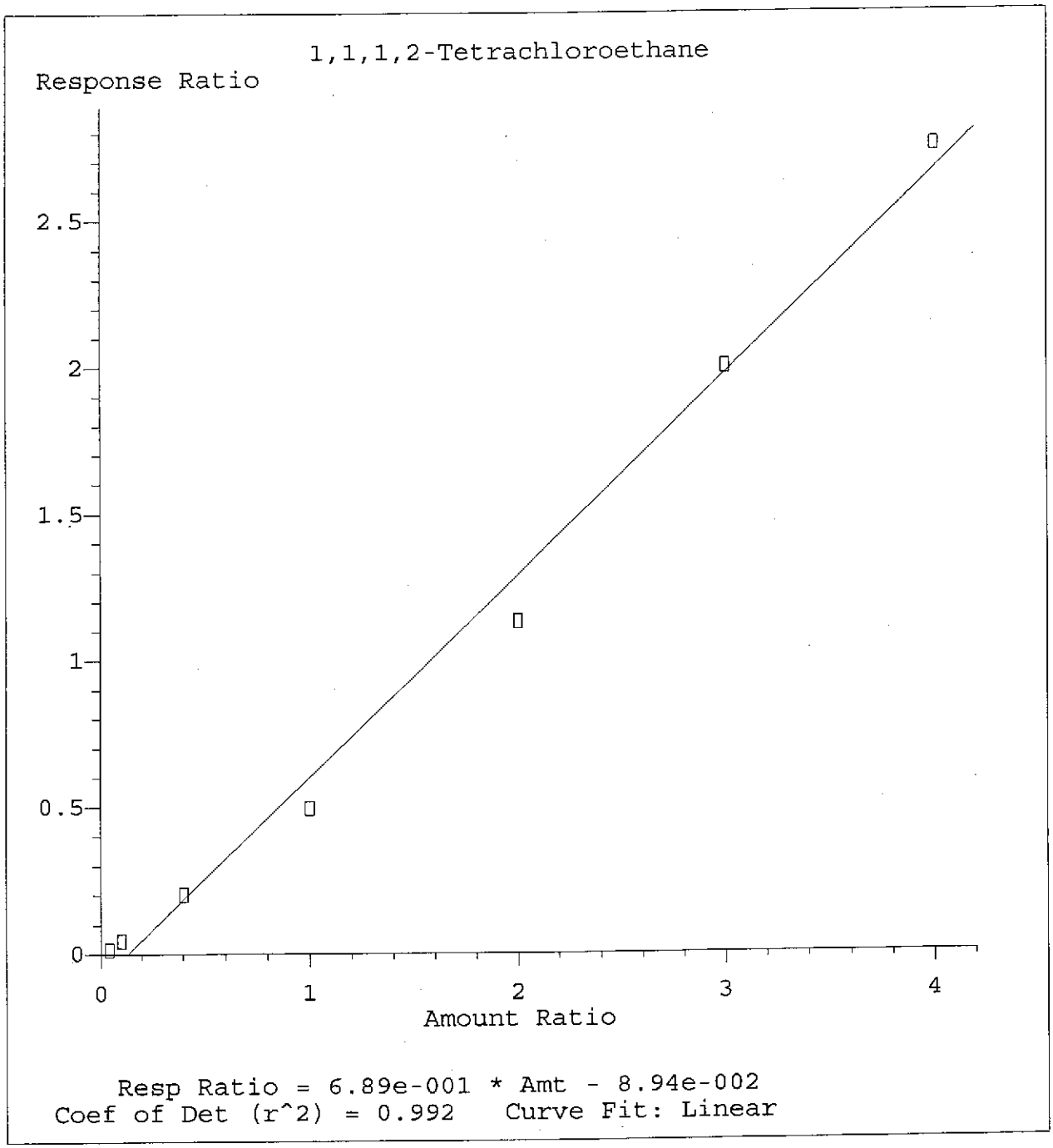
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:57:12 2007



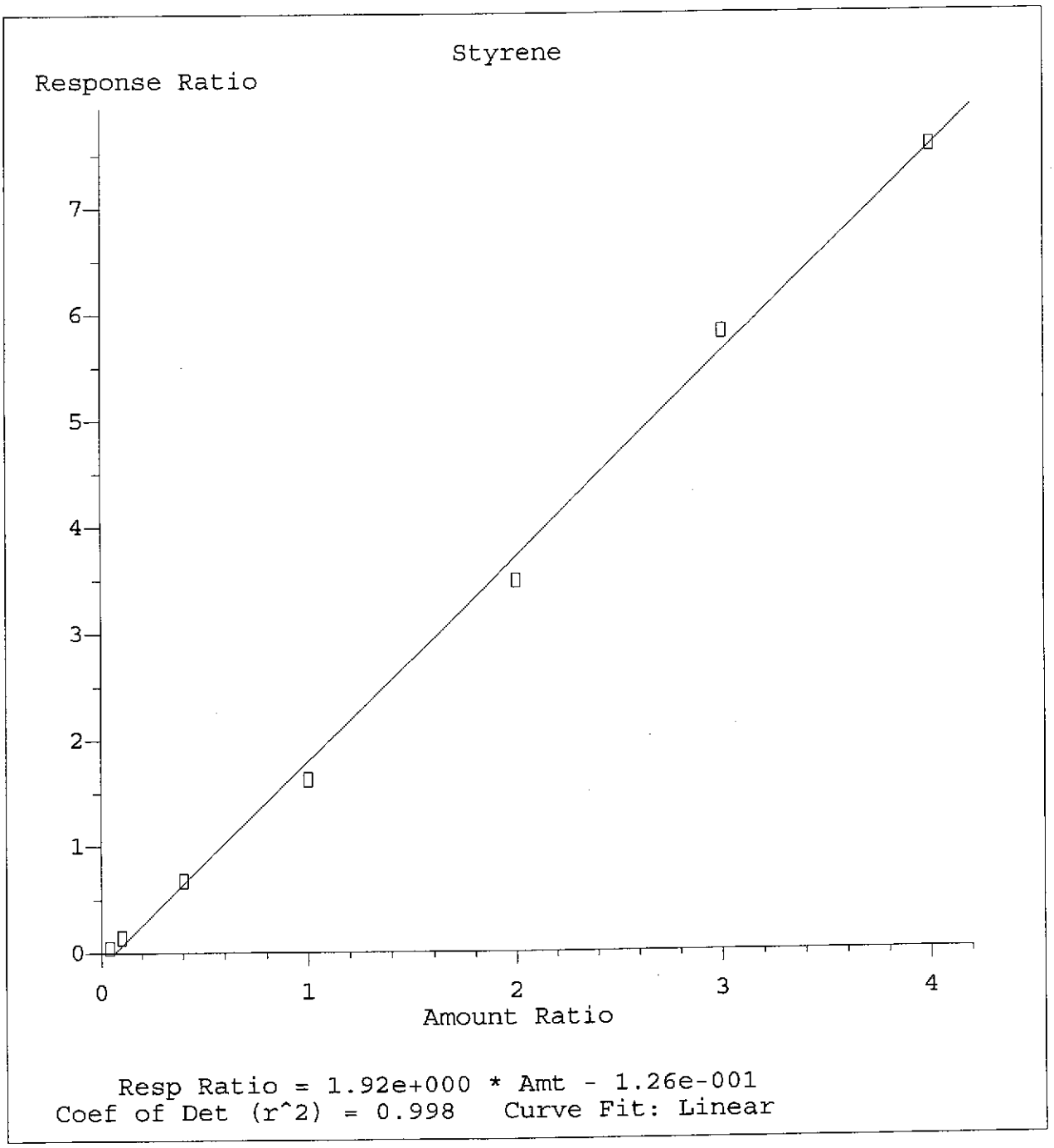
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:57:37 2007



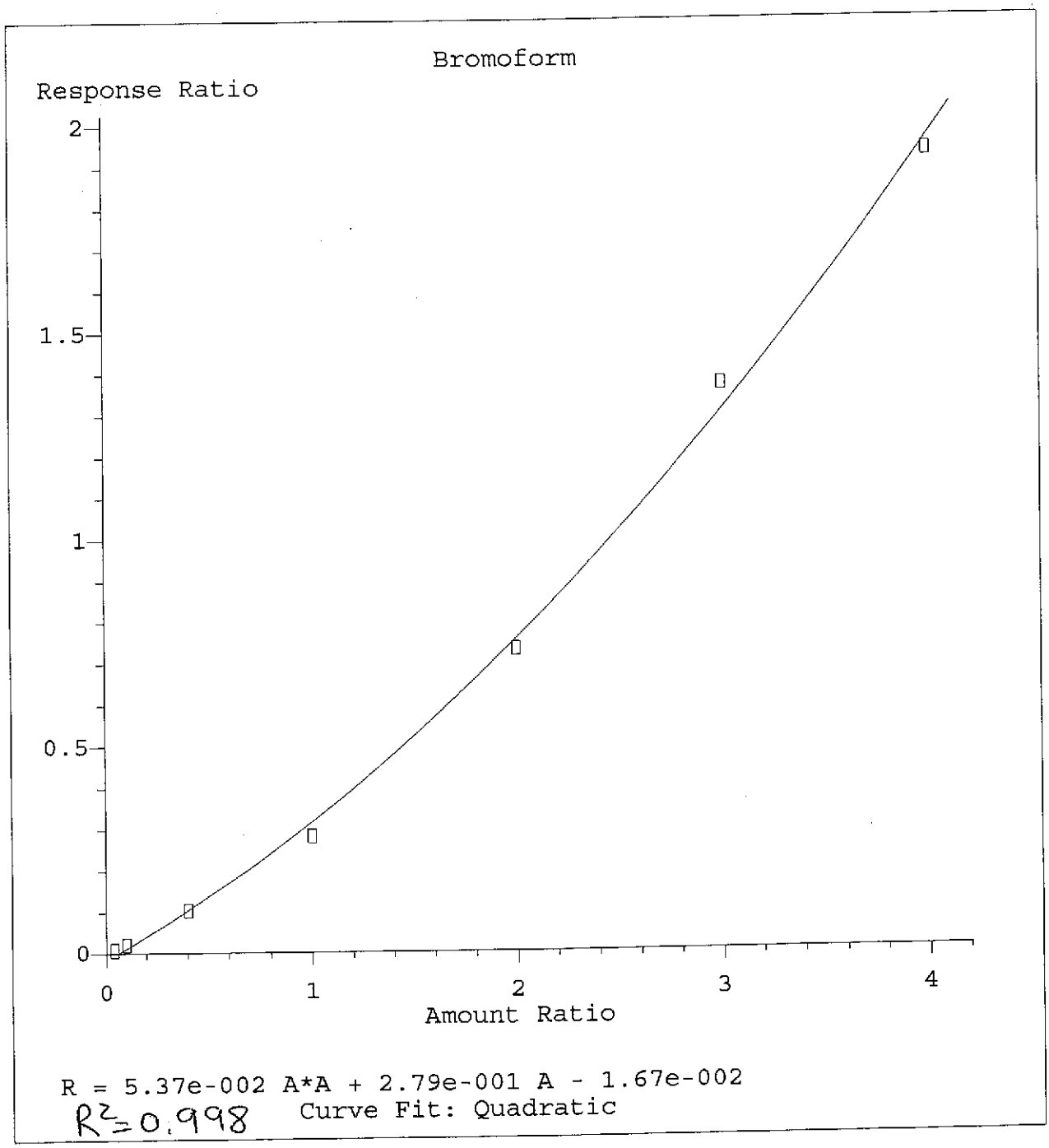
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:06 2007



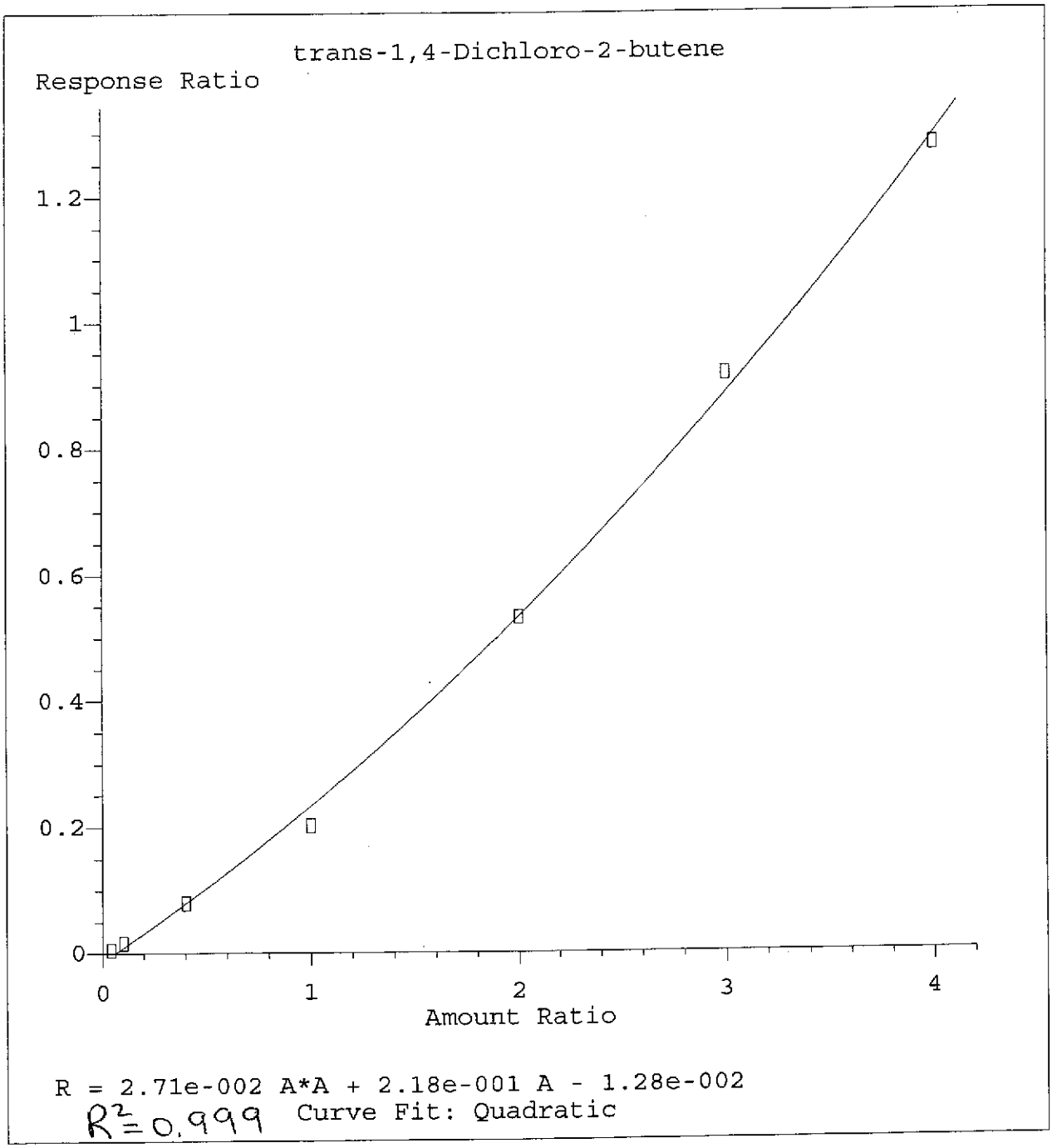
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:22 2007



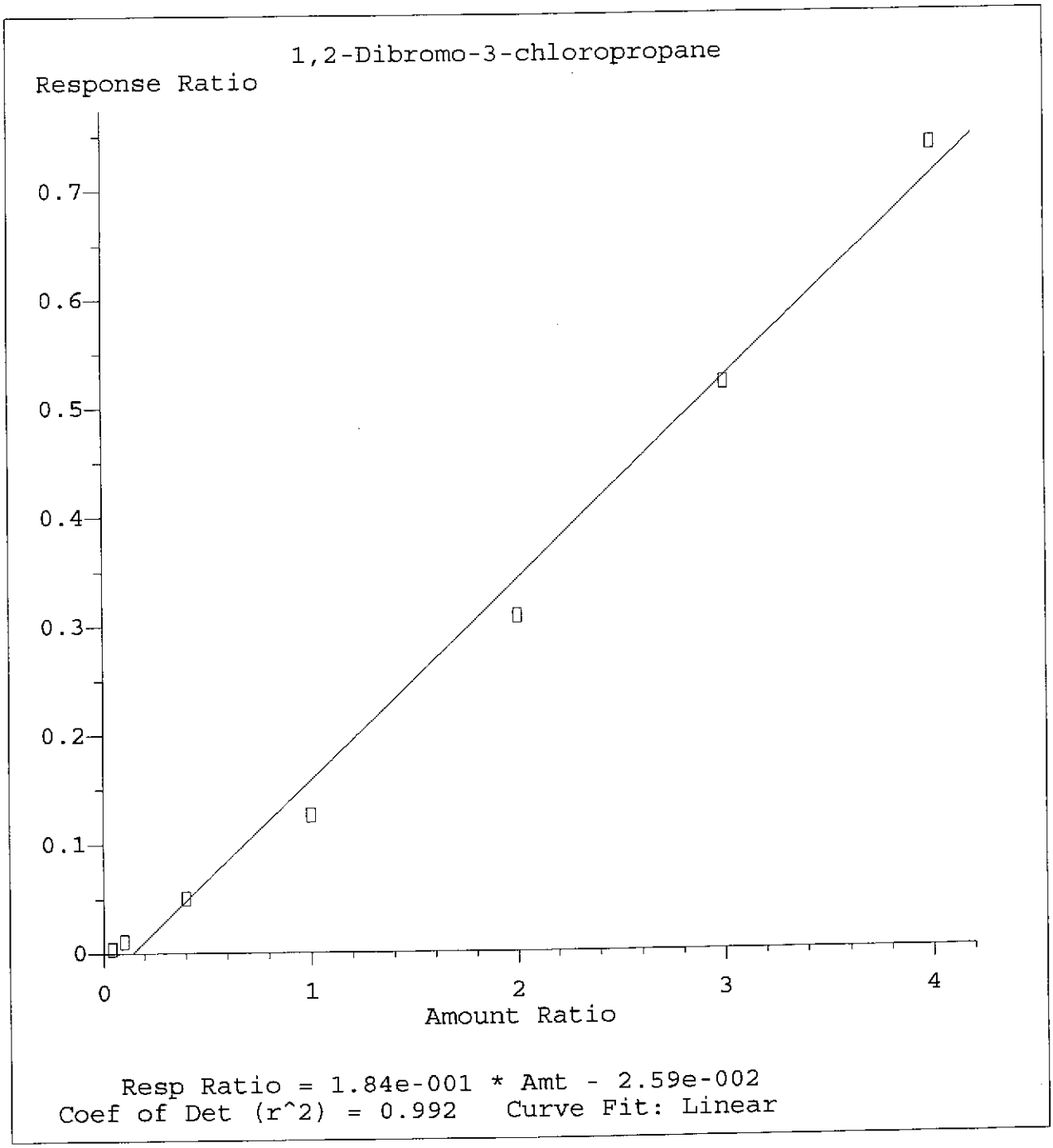
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:42 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:59:02 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:59:20 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 13:00:02 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #: R10081

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Date of Initial Calibration: 25JUN07

Initial Calibration ID: 992

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:47:48 2007
Response via : Initial Calibration

1992

Calibration Files
0.5 =M1124.D 1.0 =M1125.D 2.0 =M1126.D
10 =M1127.D 20 =M1128.D 30 =M1129.D

		Compound	0.5	1.0	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.438	0.468	0.480	0.567	0.555	0.557	0.519	10.61
3)	P	Chloromethane	0.184	0.159	0.159	0.167	0.181	0.159	0.169	6.51
4)	CP	Vinyl chloride	0.147	0.149	0.178	0.189	0.181	0.162	0.172	11.25
5)		Bromomethane	0.244	0.243	0.257	0.259	0.202	0.253	0.245	8.17
6)		Chloroethane	0.099	0.115	0.114	0.125	0.094	0.120	0.112	10.11
7)		Trichlorofluorometh	0.762	0.776	0.809	0.917	0.830	0.881	0.837	7.01
8)		Acetone			0.029	0.027	0.025	0.027	0.027#	6.16
9)		Acrolein	0.009	0.009	0.009	0.009	0.010	0.010	0.009#	9.18
10)	CPM	1,1-Dichloroethene	0.197	0.225	0.229	0.244	0.237	0.237	0.230	7.09
11)		Methyl iodide	0.608	0.653	0.692	0.829	0.689	0.812	0.725	11.76
12)		1,1,2-Trichloro-1,2	0.648	0.677	0.709	0.755	0.746	0.727	0.711	5.32
13)		Methyl acetate	0.121	0.099	0.100	0.093	0.085	0.092	0.098	11.78
14)		Acrylonitrile	0.022	0.024	0.023	0.024	0.023	0.024	0.023#	3.63
15)		Methylene chloride		0.355	0.328	0.295	0.283	0.282	0.303	10.47
16)		Carbon disulfide	0.687	0.738	0.726	0.808	0.772	0.787	0.755	5.42
[illegible])		trans-1,2-Dichloroe	0.314	0.302	0.324	0.339	0.326	0.325	0.322	3.55
[illegible])		Methyl tert-Butyl e	0.445	0.473	0.472	0.467	0.451	0.458	0.459	2.48
19)	P	1,1-Dichloroethane	0.565	0.606	0.623	0.647	0.620	0.636	0.618	4.26
20)		Vinyl acetate	0.277	0.250	0.252	0.229	0.259	0.262	0.259	7.30
21)		2-Butanone	0.057	0.047	0.045	0.049	0.050	0.051	0.050#	7.55
22)		cis-1,2-Dichloroeth	0.335	0.346	0.350	0.372	0.355	0.345	0.349	3.57
23)		Bromochloromethane	0.216	0.225	0.214	0.213	0.204	0.210	0.211	4.33
24)	CP	Chloroform	0.797	0.829	0.863	0.878	0.849	0.832	0.838	3.26
25)		2,2-Dichloropropane	0.564	0.524	0.557	0.594	0.606	0.599	0.577	5.22
26)		Cyclohexane	0.337	0.334	0.353	0.370	0.351	0.344	0.347	3.57
27)	S	Dibromofluoromethan	0.753	0.827	0.808	0.830	0.786	0.793	0.795	3.64
28)	S	1,2-Dichloroethane-	0.314	0.322	0.322	0.320	0.304	0.299	0.311	3.63
29)		1,2-Dichloroethane	0.357	0.379	0.383	0.387	0.376	0.377	0.376	2.59
30)		1,1,1-Trichloroetha	0.672	0.697	0.733	0.777	0.764	0.767	0.738	5.38
31)		1,1-Dichloropropene	0.458	0.451	0.476	0.510	0.498	0.494	0.483	4.49
32)		Carbon tetrachlorid	0.714	0.712	0.760	0.826	0.800	0.815	0.775	6.09
33)	M	Benzene	0.772	0.788	0.771	0.820	0.825	0.813	0.799	2.77
34)	M	Trichloroethene	0.432	0.464	0.490	0.519	0.491	0.491	0.480	5.70
35)		Dibromomethane	0.330	0.357	0.370	0.378	0.363	0.364	0.360	4.23
36)		Methylcyclohexane	0.280	0.317	0.336	0.392	0.375	0.380	0.351	11.82
37)	CP	1,2-Dichloropropane	0.285	0.348	0.338	0.337	0.317	0.321	0.324	6.33
38)		Bromodichloromethan	0.780	0.848	0.906	0.960	0.926	0.953	0.899	7.14
39)		2-Chloroethylvinyl	0.082	0.097	0.092	0.106	0.105	0.106	0.099	9.07
40)		4-Methyl-2-pentanon	0.159	0.178	0.180	0.190	0.188	0.189	0.181	5.98
41)		cis-1,3-Dichloropro	0.442	0.496	0.510	0.557	0.538	0.553	0.520	7.87
[illegible])	S	Toluene-d8	0.784	0.815	0.838	0.918	0.902	0.903	0.863	5.90
[illegible])	CPM	Toluene	0.487	0.523	0.557	0.584	0.564	0.559	0.549	6.01

6-25-07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:47:48 2007
Response via : Initial Calibration

Calibration Files
0.5 =M1124.D 1.0 =M1125.D 2.0 =M1126.D
10 =M1127.D 20 =M1128.D 30 =M1129.D

		Compound	0.5	1.0	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.319	0.360	0.371	0.399	0.409	0.425	0.386	9.90
45)		1,1,2-Trichloroetha	0.217	0.241	0.249	0.250	0.235	0.239	0.239	4.57
46)		2-Hexanone	0.085	0.085	0.094	0.099	0.101	0.103	0.096	8.43
47)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------		
48)		1,2-Dibromoethane	0.718	0.751	0.770	0.771	0.827	0.816	0.779	4.91
49)		1,3-Dichloropropane	0.653	0.674	0.712	0.690	0.732	0.721	0.701	4.21
50)		Dibromochloromethan	1.153	1.228	1.200	1.247	1.299	1.294	1.249	4.82
51)		Tetrachloroethene	0.969	0.985	1.010	1.012	1.039	1.014	1.006	2.27
52)		1-Chlorohexane	0.588	0.616	0.634	0.677	0.725	0.709	0.664	7.86
53)		1,1,1,2-Tetrachloro	0.841	0.818	0.850	0.824	0.862	0.834	0.840	1.87
54)	PM	Chlorobenzene	1.318	1.379	1.384	1.344	1.350	1.286	1.332	3.39
55)	CP	Ethylbenzene	1.717	1.933	2.056	1.865	1.855	1.774	1.851	6.29
56)		(m+p)-Xylene	0.675	0.685	0.697	0.672	0.692	0.685	0.683	1.38
57)		o-Xylene	0.670	0.669	0.718	0.689	0.741	0.742	0.708	4.44
58)		Styrene	1.117	1.183	1.184	1.184	1.260	1.227	1.195	3.73
59)	P	Bromoform	0.581	0.617	0.651	0.696	0.778	0.784	0.698	12.09
---)	S	Bromofluorobenzene	1.438	1.467	1.436	1.349	1.404	1.362	1.407	3.02
61)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------		
62)		trans-1,4-Dichloro-		0.060	0.075	0.085	0.082	0.084	0.079	13.60
63)	P	1,1,2,2-Tetrachloro	0.755	0.863	0.852	0.867	0.852	0.851	0.847	5.04
64)		Isopropylbenzene	2.286	2.476	2.501	2.602	2.560	2.550	2.503	4.16
65)		1,2,3-Trichloroprop	0.554	0.518	0.487	0.498	0.467	0.482	0.501	5.65
66)		Bromobenzene	0.975	0.996	1.010	1.023	0.971	0.967	0.984	2.73
67)		n-Propylbenzene	2.626	2.871	2.985	3.212	3.152	3.010	2.996	6.64
68)		2-Chlorotoluene	2.212	2.376	2.314	2.374	2.487	2.333	2.343	3.58
69)		4-Chlorotoluene	2.494	2.230	2.508	2.602	2.374	2.286	2.374	7.17
70)		1,3,5-Trimethylbenz	1.674	1.815	1.938	2.016	2.038	1.984	1.923	6.87
71)		tert-Butylbenzene	1.875	1.900	1.987	2.108	2.125	2.036	2.016	4.92
72)		1,2,4-Trimethylbenz	1.538	1.650	1.730	1.834	1.926	1.854	1.773	7.90
73)		sec-Butylbenzene	2.490	2.504	2.776	2.935	2.872	2.813	2.746	6.45
74)		1,3-Dichlorobenzene	1.502	1.595	1.664	1.669	1.633	1.599	1.606	3.57
75)		p-Isopropyltoluene	1.739	1.928	1.963	2.188	2.237	2.182	2.066	9.25
76)		1,4-Dichlorobenzene	1.369	1.486	1.497	1.551	1.515	1.504	1.487	3.82
77)		n-Butylbenzene	1.419	1.509	1.663	1.865	2.004	1.926	1.764	13.26
78)		1,2-Dichlorobenzene	1.364	1.427	1.461	1.518	1.466	1.448	1.443	3.31
79)		1,2-Dibromo-3-chlor	0.166	0.182	0.213	0.231	0.228	0.230	0.211	12.57
80)		1,2,4-Trichlorobenz	0.820	0.852	0.889	0.991	1.058	1.040	0.951	10.07
81)		Hexachlorobutadiene	0.844	0.779	0.836	0.884	0.845	0.830	0.835	3.74
82)		Naphthalene	0.615	0.650	0.698	0.728	0.857	0.858	0.749	13.58
83)		1,2,3-Trichlorobenz	0.720	0.763	0.811	0.891	0.964	0.929	0.859	11.01

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:54:14 2007
Response via : Initial Calibration

Calibration Files
40 =M1130.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.567		
3)	P	Chloromethane	0.176		
4)	CP	Vinyl chloride	0.195		
5)		Bromomethane	0.255		
6)		Chloroethane	0.119		
7)		Trichlorofluorometh	0.883		
8)		Acetone	0.025		
9)		Acrolein	0.010		
10)	CPM	1,1-Dichloroethene	0.243		
11)		Methyl iodide	0.789		
12)		1,1,2-Trichloro-1,2	0.714		
13)		Methyl acetate	0.093		
14)		Acrylonitrile	0.023		
15)		Methylene chloride	0.275		
16)		Carbon disulfide	0.767		
17)		trans-1,2-Dichloroe	0.323		
18)		Methyl tert-Butyl e	0.449		
19)	P	1,1-Dichloroethane	0.626		
20)		Vinyl acetate	0.287		
21)		2-Butanone	0.048		
22)		cis-1,2-Dichloroeth	0.337		
23)		Bromochloromethane	0.196		
24)	CP	Chloroform	0.820		
25)		2,2-Dichloropropane	0.598		
26)		Cyclohexane	0.341		
27)	S	Dibromofluoromethan	0.768		
28)	S	1,2-Dichloroethane-	0.296		
29)		1,2-Dichloroethane	0.372		
30)		1,1,1-Trichloroetha	0.754		
31)		1,1-Dichloropropene	0.490		
32)		Carbon tetrachlorid	0.800		
33)	M	Benzene	0.803		
34)	M	Trichloroethene	0.474		
35)		Dibromomethane	0.355		
36)		Methylcyclohexane	0.381		
37)	CP	1,2-Dichloropropane	0.324		
38)		Bromodichloromethan	0.921		
39)		2-Chloroethylvinyl	0.105		
40)		4-Methyl-2-pentanon	0.186		
41)		cis-1,3-Dichloropro	0.542		
42)	S	Toluene-d8	0.880		
3)	CPM	Toluene	0.568		

(#) = Out of Range ### Number of calibration levels exceeded format ###

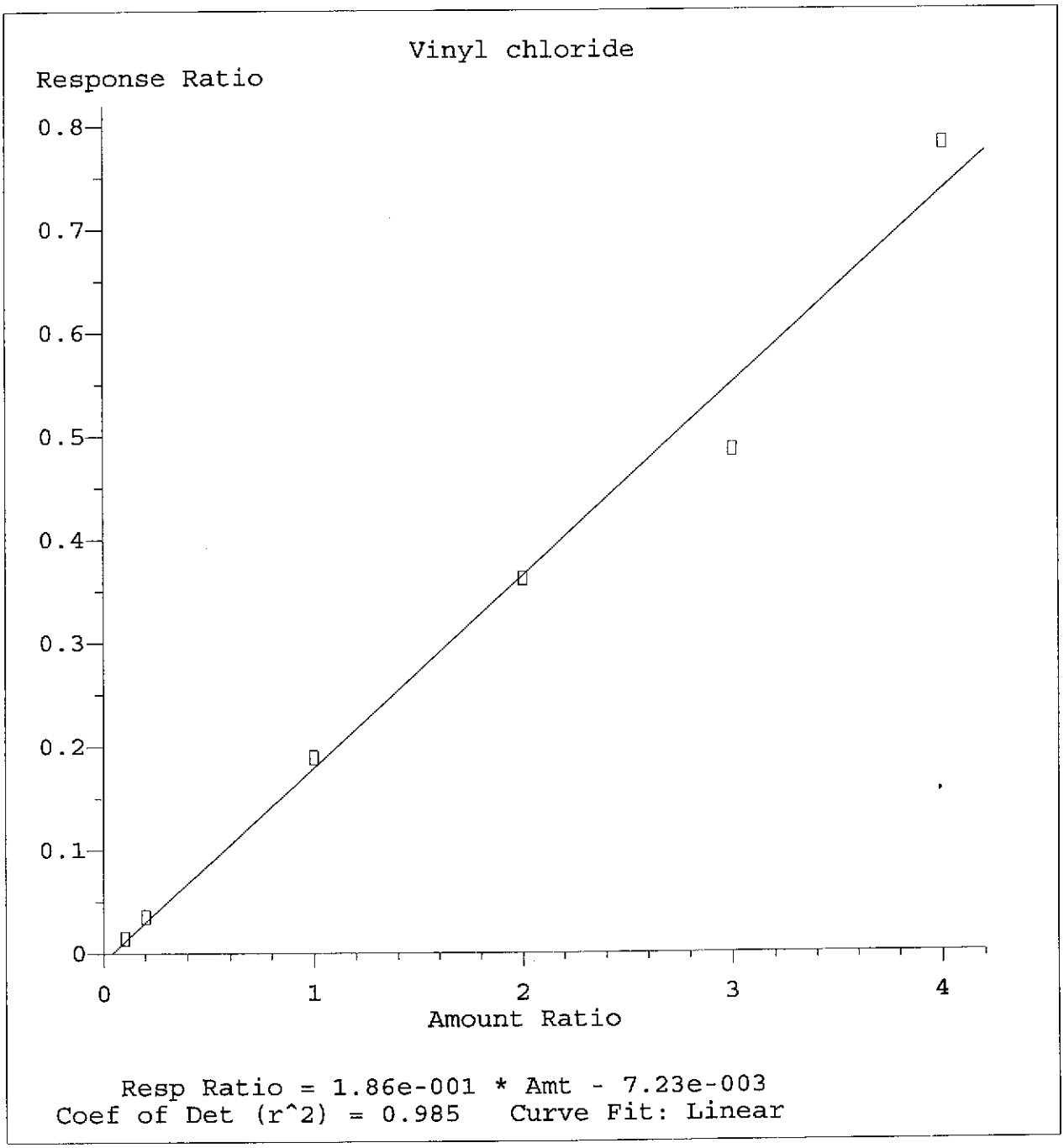
Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:54:14 2007
Response via : Initial Calibration

Calibration Files
40 =M1130.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.419	0.419	0.00
45)		1,1,2-Trichloroetha	0.238	0.238	0.00
46)		2-Hexanone	0.104	0.104	0.00
47)	I	Chlorobenzene-d5	----------ISTD----------		
48)		1,2-Dibromoethane	0.800		
49)		1,3-Dichloropropane	0.724		
50)		Dibromochloromethan	1.321		
51)		Tetrachloroethene	1.016		
52)		1-Chlorohexane	0.702		
53)		1,1,1,2-Tetrachloro	0.851		
54)	PM	Chlorobenzene	1.265		
55)	CP	Ethylbenzene	1.760		
56)		(m+p)-Xylene	0.676		
57)		o-Xylene	0.726		
58)		Styrene	1.208		
59)	P	Bromoform	0.779		
60)	S	Bromofluorobenzene	1.393		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.089		
63)	P	1,1,2,2-Tetrachloro	0.888		
64)		Isopropylbenzene	2.548		
65)		1,2,3-Trichloroprop	0.497		
66)		Bromobenzene	0.946		
67)		n-Propylbenzene	3.114		
68)		2-Chlorotoluene	2.306		
69)		4-Chlorotoluene	2.126		
70)		1,3,5-Trimethylbenz	1.996		
71)		tert-Butylbenzene	2.081		
72)		1,2,4-Trimethylbenz	1.883		
73)		sec-Butylbenzene	2.830		
74)		1,3-Dichlorobenzene	1.581		
75)		p-Isopropyltoluene	2.223		
76)		1,4-Dichlorobenzene	1.486		
77)		n-Butylbenzene	1.963		
78)		1,2-Dichlorobenzene	1.418		
79)		1,2-Dibromo-3-chlor	0.229		
80)		1,2,4-Trichlorobenz	1.008		
81)		Hexachlorobutadiene	0.825		
82)		Naphthalene	0.836		
83)		1,2,3-Trichlorobenz	0.935		

(#) = Out of Range ### Number of calibration levels exceeded format ###



Method Name: C:\HPCHEM\1\METHODS\M625VOCW.M
Calibration Table Last Updated: Tue Jun 26 09:35:59 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9583
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	963
Second Source ID:	ICV-9583	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	100	-2.1	
1,1,1,2-Tetrachloroethane	50	46	8.3	
1,1,1-Trichloroethane	50	44	11.2	
1,1,2,2-Tetrachloroethane	50	44	11.4	
1,1,2-Trichloroethane	50	45	9.5	
1,1-Dichloroethane	50	43	13.7	
1,1-Dichloroethene	50	47	5.9	
1,1-Dichloropropene	50	44	13.0	
1,2,3-Trichlorobenzene	50	47	6.2	
1,2,3-Trichloropropane	50	42	15.3	
1,2,4-Trichlorobenzene	50	43	13.7	
1,2,4-Trimethylbenzene	50	47	6.6	
1,2-Dibromo-3-chloropropane	50	44	11.8	
1,2-Dibromoethane	50	46	7.9	
1,2-Dichlorobenzene	50	47	6.4	
1,2-Dichloroethane	50	43	14.7	
1,2-Dichloroethane-d4	50	46	7.8	
1,2-Dichloropropane	50	44	12.1	
1,3,5-Trimethylbenzene	50	47	5.9	
1,3-Dichlorobenzene	50	46	8.0	
1,3-Dichloropropane	50	48	3.4	
1,4-Dichlorobenzene	50	45	10.4	
1-Chlorohexane	50	45	10.3	
2,2-Dichloropropane	50	43	14.1	
2-Butanone	100	82	17.6	
2-Chlorotoluene	50	46	8.3	
4-Bromofluorobenzene	50	50	-0.1	
4-Chlorotoluene	50	46	8.2	
4-Methyl-2-pentanone	100	77	22.7	
Acetone	100	87	13.3	
Benzene	50	43	13.1	
Bromobenzene	50	48	3.1	
Bromochloromethane	50	50	0.8	
Bromodichloromethane	50	46	7.4	
Bromoform	50	51	-2.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9583
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	963
Second Source ID:	ICV-9583	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	52	-4.7	
Carbon tetrachloride	50	41	17.6	
Chlorobenzene	50	50	-0.8	
Chloroethane	50	45	9.3	
Chloroform	50	45	10.4	
Chloromethane	50	48	3.7	
cis-1,2-Dichloroethene	50	47	5.5	
cis-1,3-Dichloropropene	50	45	10.3	
Dibromochloromethane	50	44	11.0	
Dibromofluoromethane	50	54	-8.0	
Dibromomethane	50	46	8.4	
Dichlorodifluoromethane	50	45	9.3	
Ethylbenzene	50	44	12.2	
Hexachlorobutadiene	50	39	21.4	
Isopropylbenzene	50	43	13.4	
Methyl tert-butyl ether	50	49	2.8	
Methylene chloride	50	47	6.8	
n-Butylbenzene	50	39	21.2	
n-Propylbenzene	50	40	20.2	
Naphthalene	50	55	-10.7	
o-Xylene	50	46	8.4	
p-Isopropyltoluene	50	38	23.1	
sec-Butylbenzene	50	40	20.2	
Styrene	50	47	6.7	
tert-Butylbenzene	50	50	0.1	
Tetrachloroethene	50	45	9.7	
Toluene	50	47	6.6	
Toluene-d8	50	56	-11.9	
trans-1,2-Dichloroethene	50	47	6.1	
trans-1,3-Dichloropropene	50	44	11.8	
Trichloroethene	50	44	11.3	
Trichlorofluoromethane	50	38	24.2	
Vinyl chloride	50	50	0.5	
Xylenes (total)	150	150	1.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	21.8	-9.3	
1,1,1,2-Tetrachloroethane	10	10.3	-2.8	
1,1,1-Trichloroethane	10	10.4	-3.6	
1,1,2,2-Tetrachloroethane	10	9.95	0.5	
1,1,2-Trichloroethane	10	10.2	-1.8	
1,1-Dichloroethane	10	10	-0.4	
1,1-Dichloroethene	10	11	-9.6	
1,1-Dichloropropene	10	10.6	-5.6	
1,2,3-Trichlorobenzene	10	9.5	5.0	
1,2,3-Trichloropropane	10	9.89	1.1	
1,2,4-Trichlorobenzene	10	9.48	5.2	
1,2,4-Trimethylbenzene	10	10.6	-5.7	
1,2-Dibromo-3-chloropropane	10	9.8	2.0	
1,2-Dibromoethane	10	10.4	-3.9	
1,2-Dichlorobenzene	10	10.3	-3.4	
1,2-Dichloroethane	10	9.56	4.4	
1,2-Dichloroethane-d4	10	9.23	7.7	
1,2-Dichloropropane	10	10.2	-2.0	
1,3,5-Trimethylbenzene	10	10.6	-6.4	
1,3-Dichlorobenzene	10	10.6	-5.5	
1,3-Dichloropropane	10	10.3	-2.7	
1,4-Dichlorobenzene	10	10.3	-2.7	
1-Chlorohexane	10	10.5	-5.4	
2,2-Dichloropropane	10	10.3	-3.1	
2-Butanone	20	21.6	-8.0	
2-Chlorotoluene	10	10.4	-3.6	
4-Bromofluorobenzene	10	9.72	2.8	
4-Chlorotoluene	10	10.5	-5.0	
4-Methyl-2-pentanone	20	20.6	-2.8	
Acetone	20	23	-14.8	
Benzene	10	10.5	-4.9	
Bromobenzene	10	10.3	-3.1	
Bromochloromethane	10	10	-0.1	
Bromodichloromethane	10	9.56	4.4	
Bromoform	10	9.14	8.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	10.1	-1.0	
Carbon tetrachloride	10	10.2	-2.5	
Chlorobenzene	10	10.7	-6.6	
Chloroethane	10	11	-10	
Chloroform	10	9.86	1.4	
Chloromethane	10	11.3	-13.3	
cis-1,2-Dichloroethene	10	10.4	-3.9	
cis-1,3-Dichloropropene	10	10.3	-2.6	
Dibromochloromethane	10	9.95	0.5	
Dibromofluoromethane	10	9.89	1.1	
Dibromomethane	10	9.66	3.4	
Dichlorodifluoromethane	10	11.9	-18.9	
Ethylbenzene	10	10.8	-7.7	
Hexachlorobutadiene	10	9.54	4.6	
Isopropylbenzene	10	10.8	-7.7	
Methyl tert-butyl ether	10	10.4	-3.9	
Methylene chloride	10	10.2	-2.4	
n-Butylbenzene	10	10.1	-0.7	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.96	0.4	
o-Xylene	10	10.6	-6.1	
p-Isopropyltoluene	10	11	-9.6	
sec-Butylbenzene	10	11	-10.5	
Styrene	10	9.83	1.7	
tert-Butylbenzene	10	10.5	-4.8	
Tetrachloroethene	10	10.6	-5.5	
Toluene	10	10.6	-6.4	
Toluene-d8	10	10.6	-6.2	
trans-1,2-Dichloroethene	10	10.5	-4.9	
trans-1,3-Dichloropropene	10	10.3	-3.3	
Trichloroethene	10	9.9	1.0	
Trichlorofluoromethane	10	10.2	-1.5	
Vinyl chloride	10	11.3	-13.0	
Xylenes (total)	30	32.5	-8.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10068
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	990
Second Source ID:	ICV-10069	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	95	4.6	
1,1,1,2-Tetrachloroethane	50	42	16.0	
1,1,1-Trichloroethane	50	48	4.5	
1,1,2,2-Tetrachloroethane	50	45	9.1	
1,1,2-Trichloroethane	50	44	12.6	
1,1-Dichloroethane	50	46	7.4	
1,1-Dichloroethene	50	49	2.5	
1,1-Dichloropropene	50	49	2.8	
1,2,3-Trichlorobenzene	50	52	-3.8	
1,2,3-Trichloropropane	50	42	16.7	
1,2,4-Trichlorobenzene	50	55	-10.1	
1,2,4-Trimethylbenzene	50	47	5.9	
1,2-Dibromo-3-chloropropane	50	51	-2.7	
1,2-Dibromoethane	50	42	15.1	
1,2-Dichlorobenzene	50	46	8.6	
1,2-Dichloroethane	50	45	9.5	
1,2-Dichloroethane-d4	50	48	4.8	
1,2-Dichloropropane	50	45	10.1	
1,3,5-Trimethylbenzene	50	47	6.1	
1,3-Dichlorobenzene	50	45	10	
1,3-Dichloropropane	50	44	11.8	
1,4-Dichlorobenzene	50	44	12.3	
1-Chlorohexane	50	50	0.8	
2,2-Dichloropropane	50	47	5.1	
2-Butanone	100	100	0.4	
2-Chlorotoluene	50	45	9.1	
4-Bromofluorobenzene	50	47	5.2	
4-Chlorotoluene	50	46	8.3	
4-Methyl-2-pentanone	100	85	15.4	
Acetone	100	96	3.8	
Benzene	50	48	4.6	
Bromobenzene	50	44	11.9	
Bromochloromethane	50	45	9.4	
Bromodichloromethane	50	42	15.7	
Bromoform	50	44	11.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10068
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	990
Second Source ID:	ICV-10069	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	50	0.8	
Carbon tetrachloride	50	50	0.4	
Chlorobenzene	50	46	8.8	
Chloroethane	50	46	7.9	
Chloroform	50	46	8.0	
Chloromethane	50	50	0.6	
cis-1,2-Dichloroethene	50	47	7.0	
cis-1,3-Dichloropropene	50	43	14.5	
Dibromochloromethane	50	40	20.7	
Dibromofluoromethane	50	49	1.7	
Dibromomethane	50	45	10.8	
Dichlorodifluoromethane	50	57	-15.0	
Ethylbenzene	50	49	2.9	
Hexachlorobutadiene	50	51	-2.1	
Isopropylbenzene	50	48	3.7	
Methyl tert-butyl ether	50	47	7.0	
Methylene chloride	50	45	10.9	
n-Butylbenzene	50	47	5.6	
n-Propylbenzene	50	48	3.6	
Naphthalene	50	51	-1.7	
o-Xylene	50	47	5.9	
p-Isopropyltoluene	50	48	4.0	
sec-Butylbenzene	50	48	3.0	
Styrene	50	44	12.4	
tert-Butylbenzene	50	47	5.6	
Tetrachloroethene	50	47	5.4	
Toluene	50	44	12.2	
Toluene-d8	50	52	-4.5	
trans-1,2-Dichloroethene	50	48	4.8	
trans-1,3-Dichloropropene	50	41	17.1	
Trichloroethene	50	46	9.0	
Trichlorofluoromethane	50	48	4.6	
Vinyl chloride	50	49	1.7	
Xylenes (total)	150	140	5.0	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10081
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	992
Second Source ID:	ICV-10081	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	19.3	3.4	
1,1,1,2-Tetrachloroethane	10	9.66	3.4	
1,1,1-Trichloroethane	10	10.1	-1.0	
1,1,2,2-Tetrachloroethane	10	9.66	3.4	
1,1,2-Trichloroethane	10	9.75	2.5	
1,1-Dichloroethane	10	10	-0.2	
1,1-Dichloroethene	10	10.9	-9.2	
1,1-Dichloropropene	10	9.78	2.2	
1,2,3-Trichlorobenzene	10	9.9	1.0	
1,2,3-Trichloropropane	10	9.83	1.7	
1,2,4-Trichlorobenzene	10	10.1	-0.7	
1,2,4-Trimethylbenzene	10	9.67	3.3	
1,2-Dibromo-3-chloropropane	10	10	-0.5	
1,2-Dibromoethane	10	9.62	3.8	
1,2-Dichlorobenzene	10	9.87	1.3	
1,2-Dichloroethane	10	9.53	4.7	
1,2-Dichloroethane-d4	10	10.2	-1.5	
1,2-Dichloropropane	10	9.63	3.7	
1,3,5-Trimethylbenzene	10	9.88	1.2	
1,3-Dichlorobenzene	10	9.83	1.7	
1,3-Dichloropropane	10	9.57	4.3	
1,4-Dichlorobenzene	10	9.88	1.2	
1-Chlorohexane	10	10.1	-1.1	
2,2-Dichloropropane	10	9.87	1.3	
2-Butanone	20	21.3	-6.4	
2-Chlorotoluene	10	11	-9.5	
4-Bromofluorobenzene	10	9.49	5.1	
4-Chlorotoluene	10	8.67	13.3	
4-Methyl-2-pentanone	20	19.1	4.3	
Acetone	20	24.8	-24.1	
Benzene	10	9.95	0.5	
Bromobenzene	10	9.68	3.2	
Bromochloromethane	10	9.59	4.1	
Bromodichloromethane	10	9.94	0.6	
Bromoform	10	9.91	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10081
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	992
Second Source ID:	ICV-10081	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	11.2	-12.4	
Carbon tetrachloride	10	10.2	-1.5	
Chlorobenzene	10	9.33	6.7	
Chloroethane	10	10.8	-8.5	
Chloroform	10	9.82	1.8	
Chloromethane	10	10.8	-7.8	
cis-1,2-Dichloroethene	10	9.87	1.3	
cis-1,3-Dichloropropene	10	9.89	1.1	
Dibromochloromethane	10	9.5	5.0	
Dibromofluoromethane	10	10.1	-0.6	
Dibromomethane	10	9.79	2.1	
Dichlorodifluoromethane	10	13.5	-34.9	*
Ethylbenzene	10	9.96	0.4	
Hexachlorobutadiene	10	10.4	-3.5	
Isopropylbenzene	10	9.71	2.9	
Methyl tert-butyl ether	10	10	0	
Methylene chloride	10	9.3	7.0	
n-Butylbenzene	10	9.97	0.3	
n-Propylbenzene	10	10.2	-1.7	
Naphthalene	10	9.23	7.7	
o-Xylene	10	9.62	3.8	
p-Isopropyltoluene	10	10	0	
sec-Butylbenzene	10	9.97	0.3	
Styrene	10	9.69	3.1	
tert-Butylbenzene	10	9.86	1.4	
Tetrachloroethene	10	9.74	2.6	
Toluene	10	9.91	0.9	
Toluene-d8	10	10.2	-1.6	
trans-1,2-Dichloroethene	10	9.93	0.7	
trans-1,3-Dichloropropene	10	9.64	3.6	
Trichloroethene	10	9.95	0.5	
Trichlorofluoromethane	10	10.8	-7.6	
Vinyl chloride	10	12	-19.8	
Xylenes (total)	30	28.9	3.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10057 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9096.D
Acq On : 23 Jun 2007 00:33
Sample : CCV-10057
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 40
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 12:51:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	88	0.00
2		Dichlorodifluoromethane	0.382	0.382	0.0	81	0.00
3	P	Chloromethane	0.257	0.230	10.5	76	-0.02
4	CP	Vinyl chloride	0.220	0.211	4.1	81	0.00
5		Bromomethane	0.187	0.169	9.6	80	0.00
6		Chloroethane	0.128	0.127	0.8	82	0.00
7		Trichlorofluoromethane	0.581	0.645	-11.0	88	0.00
8		Acetone	0.042	0.039	7.1	79	0.00
9	CPM	1,1-Dichloroethene	0.181	0.196	-8.3	90	0.00
10		Methylene chloride	0.286	0.223	22.0#	87	0.00
11		trans-1,2-Dichloroethene	0.230	0.248	-7.8	89	0.00
12		Methyl tert-Butyl ether	0.568	0.555	2.3	84	0.00
13	P	1,1-Dichloroethane	0.370	0.360	2.7	82	0.00
14		2-Butanone	0.054	0.047	13.0	76	0.00
[illegible]		cis-1,2-Dichloroethene	0.255	0.271	-6.3	88	0.00
16		Bromochloromethane	0.144	0.157	-9.0	94	0.00
17	CP	Chloroform	0.583	0.515	11.7	88	0.00
18		2,2-Dichloropropane	0.452	0.366	19.0	66	0.00
19	S	Dibromofluoromethane	0.258	0.274	-6.2	88	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.314	1.3	85	0.00
21		1,2-Dichloroethane	0.379	0.380	-0.3	85	0.00
22		1,1,1-Trichloroethane	0.543	0.602	-10.9	88	0.00
23		1,1-Dichloropropene	0.305	0.311	-2.0	84	0.00
24		Carbon tetrachloride	0.466	0.518	-11.2	91	0.00
25	M	Benzene	0.850	0.858	-0.9	85	0.00
26	M	Trichloroethene	0.295	0.343	-16.3	99	0.00
27		Dibromomethane	0.144	0.140	2.8	82	0.00
28	CP	1,2-Dichloropropane	0.180	0.168	6.7	80	0.00
29		Bromodichloromethane	0.371	0.360	3.0	84	0.00
30		4-Methyl-2-pentanone	0.131	0.115	12.2	73	0.00
31		cis-1,3-Dichloropropene	0.344	0.326	5.2	81	0.00
32	S	Toluene-d8	0.965	1.054	-9.2	90	0.00
33	CPM	Toluene	0.696	0.748	-7.5	89	0.00
34		trans-1,3-Dichloropropene	0.327	0.317	3.1	78	0.00
35		1,1,2-Trichloroethane	0.139	0.137	1.4	83	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
37		1,2-Dibromoethane	0.474	0.496	-4.6	89	0.00
38		1,3-Dichloropropane	0.684	0.675	1.3	82	0.00
[illegible]9		Dibromochloromethane	0.645	0.679	-5.3	92	0.00
[illegible]		Tetrachloroethene	0.828	0.979	-18.2	97	0.00

(#) = Out of Range

6/25/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9096.D
Acq On : 23 Jun 2007 00:33
Sample : CCV-10057
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 40
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 12:51:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.822	-9.3	88	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.767	-11.6	93	0.00
43	PM	Chlorobenzene	2.009	2.254	-12.2	93	0.00
44	CP	Ethylbenzene	3.262	3.578	-9.7	89	0.00
45		(m+p)-Xylene	1.206	1.344	-11.4	92	0.00
46		o-Xylene	1.213	1.320	-8.8	91	0.00
47		Styrene	1.899	2.178	-14.7	90	0.00
48	P	Bromoform	0.353	0.393	-11.3	92	0.00
49	S	Bromofluorobenzene	0.946	0.967	-2.2	89	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.401	25.0#	69	0.00
52		Isopropylbenzene	3.690	3.913	-6.0	92	0.00
53		1,2,3-Trichloropropane	0.490	0.469	4.3	87	0.00
		Bromobenzene	1.019	1.086	-6.6	95	0.00
55		n-Propylbenzene	3.403	3.563	-4.7	89	0.00
56		2-Chlorotoluene	2.613	2.617	-0.2	89	0.00
57		4-Chlorotoluene	2.145	2.166	-1.0	89	0.00
58		1,3,5-Trimethylbenzene	2.455	2.599	-5.9	92	0.00
59		tert-Butylbenzene	2.609	2.746	-5.3	93	0.00
60		1,2,4-Trimethylbenzene	2.175	2.318	-6.6	92	0.00
61		sec-Butylbenzene	3.216	3.488	-8.5	91	0.00
62		1,3-Dichlorobenzene	1.649	1.797	-9.0	95	0.00
63		p-Isopropyltoluene	2.678	2.941	-9.8	92	0.00
64		1,4-Dichlorobenzene	1.599	1.657	-3.6	94	0.00
65		n-Butylbenzene	1.705	1.847	-8.3	87	0.00
66		1,2-Dichlorobenzene	1.558	1.683	-8.0	94	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.094	11.3	81	0.00
68		1,2,4-Trichlorobenzene	0.619	0.806	-30.2#	98	0.00
69		Hexachlorobutadiene	0.532	0.607	-14.1	95	0.00
70		Naphthalene	1.015	1.381	-36.1#	96	0.00
71		1,2,3-Trichlorobenzene	0.605	0.810	-33.9#	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9096.D
Acq On : 23 Jun 2007 00:33
Sample : CCV-10057
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 40
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 12:51:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	88	0.00
2		Dichlorodifluoromethane	10.000	10.000	0.0	81	0.00
3	P	Chloromethane	10.000	8.955	10.4	76	-0.02
4	CP	Vinyl chloride	10.000	9.600	4.0	81	0.00
5		Bromomethane	10.000	9.032	9.7	80	0.00
6		Chloroethane	10.000	9.937	0.6	82	0.00
7		Trichlorofluoromethane	10.000	11.114	-11.1	88	0.00
8		Acetone	20.000	18.472	7.6	79	0.00
9	CPM	1,1-Dichloroethene	10.000	10.845	-8.5	90	0.00
10		Methylene chloride	10.000	9.915	0.9	87	0.00
11		trans-1,2-Dichloroethene	10.000	10.754	-7.5	89	0.00
12		Methyl tert-Butyl ether	10.000	9.772	2.3	84	0.00
13	P	1,1-Dichloroethane	10.000	9.718	2.8	82	0.00
14		2-Butanone	20.000	17.332	13.3	76	0.00
[illegible]		cis-1,2-Dichloroethene	10.000	10.653	-6.5	88	0.00
16		Bromochloromethane	10.000	10.892	-8.9	94	0.00
17	CP	Chloroform	10.000	10.215	-2.1	88	0.00
18		2,2-Dichloropropane	10.000	8.084	19.2	66	0.00
19	S	Dibromofluoromethane	10.000	10.587	-5.9	88	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.891	1.1	85	0.00
21		1,2-Dichloroethane	10.000	10.034	-0.3	85	0.00
22		1,1,1-Trichloroethane	10.000	11.070	-10.7	88	0.00
23		1,1-Dichloropropene	10.000	10.198	-2.0	84	0.00
24		Carbon tetrachloride	10.000	11.108	-11.1	91	0.00
25	M	Benzene	10.000	10.094	-0.9	85	0.00
26	M	Trichloroethene	10.000	11.617	-16.2	99	0.00
27		Dibromomethane	10.000	9.670	3.3	82	0.00
28	CP	1,2-Dichloropropane	10.000	9.367	6.3	80	0.00
29		Bromodichloromethane	10.000	9.709	2.9	84	0.00
30		4-Methyl-2-pentanone	20.000	17.468	12.7	73	0.00
31		cis-1,3-Dichloropropene	10.000	9.475	5.3	81	0.00
32	S	Toluene-d8	10.000	10.920	-9.2	90	0.00
33	CPM	Toluene	10.000	10.745	-7.4	89	0.00
34		trans-1,3-Dichloropropene	10.000	9.693	3.1	78	0.00
35		1,1,2-Trichloroethane	10.000	9.871	1.3	83	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	87	0.00
37		1,2-Dibromoethane	10.000	10.479	-4.8	89	0.00
38		1,3-Dichloropropane	10.000	9.875	1.3	82	0.00
[illegible]9		Dibromochloromethane	10.000	10.528	-5.3	92	0.00
[illegible]		Tetrachloroethene	10.000	11.830	-18.3	97	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9096.D
Acq On : 23 Jun 2007 00:33
Sample : CCV-10057
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 40
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 12:51:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.737	2.6	88	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.158	-11.6	93	0.00
43	PM	Chlorobenzene	10.000	11.217	-12.2	93	0.00
44	CP	Ethylbenzene	10.000	10.971	-9.7	89	0.00
45		(m+p)-Xylene	20.000	22.283	-11.4	92	0.00
46		o-Xylene	10.000	10.878	-8.8	91	0.00
47		Styrene	10.000	10.022	-0.2	90	0.00
48	P	Bromoform	10.000	9.701	3.0	92	0.00
49	S	Bromofluorobenzene	10.000	10.222	-2.2	89	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	94	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	7.494	25.1#	69	0.00
52		Isopropylbenzene	10.000	10.606	-6.1	92	0.00
53		1,2,3-Trichloropropane	10.000	9.572	4.3	87	0.00
		Bromobenzene	10.000	10.652	-6.5	95	0.00
55		n-Propylbenzene	10.000	10.471	-4.7	89	0.00
56		2-Chlorotoluene	10.000	10.016	-0.2	89	0.00
57		4-Chlorotoluene	10.000	10.101	-1.0	89	0.00
58		1,3,5-Trimethylbenzene	10.000	10.585	-5.9	92	0.00
59		tert-Butylbenzene	10.000	10.522	-5.2	93	0.00
60		1,2,4-Trimethylbenzene	10.000	10.657	-6.6	92	0.00
61		sec-Butylbenzene	10.000	10.844	-8.4	91	0.00
62		1,3-Dichlorobenzene	10.000	10.897	-9.0	95	0.00
63		p-Isopropyltoluene	10.000	10.982	-9.8	92	0.00
64		1,4-Dichlorobenzene	10.000	10.368	-3.7	94	0.00
65		n-Butylbenzene	10.000	9.616	3.8	87	0.00
66		1,2-Dichlorobenzene	10.000	10.803	-8.0	94	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.820	11.8	81	0.00
68		1,2,4-Trichlorobenzene	10.000	10.038	-0.4	98	0.00
69		Hexachlorobutadiene	10.000	9.967	0.3	95	0.00
70		Naphthalene	10.000	10.197	-2.0	96	0.00
71		1,2,3-Trichlorobenzene	10.000	10.267	-2.7	97	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 963

ICV ID: ICV-9583 CCV #1 ID: CCV-10059 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3334.D
Acq On : 22 Jun 2007 11:35
Sample : CCV-10059
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 07:21:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	90	0.00
2		Dichlorodifluoromethane	0.293	0.227	22.5#	86	0.00
3	P	Chloromethane	0.284	0.250	12.0	89	0.00
4	CP	Vinyl chloride	0.297	0.288	3.0	95	0.00
5		Bromomethane	0.216	0.221	-2.3	115	0.00
6		Chloroethane	0.080	0.109	-36.3#	138	0.00
7		Trichlorofluoromethane	0.274	0.357	-30.3#	142	0.00
8		Acetone	0.119	0.095	20.2#	86	0.00
9	CPM	1,1-Dichloroethene	0.190	0.164	13.7	94	0.00
10		Methylene chloride	0.337	0.252	25.2#	98	0.00
11		trans-1,2-Dichloroethene	0.238	0.208	12.6	84	0.00
12		Methyl tert-Butyl ether	0.668	0.621	7.0	88	0.00
13	P	1,1-Dichloroethane	0.427	0.406	4.9	91	0.00
		2-Butanone	0.233	0.140	39.9#	78	0.00
		cis-1,2-Dichloroethene	0.269	0.246	8.6	89	0.00
16		Bromochloromethane	0.122	0.108	11.5	89	0.00
17	CP	Chloroform	0.413	0.391	5.3	92	0.00
18		2,2-Dichloropropane	0.294	0.307	-4.4	98	0.00
19	S	Dibromofluoromethane	0.206	0.189	8.3	91	0.00
20	S	1,2-Dichloroethane-d4	0.258	0.236	8.5	93	0.00
21		1,2-Dichloroethane	0.300	0.283	5.7	93	0.00
22		1,1,1-Trichloroethane	0.315	0.305	3.2	92	0.00
23		1,1-Dichloropropene	0.315	0.294	6.7	91	0.00
24		Carbon tetrachloride	0.193	0.184	4.7	94	0.00
25	M	Benzene	0.997	1.004	-0.7	89	0.00
26	M	Trichloroethene	0.261	0.234	10.3	88	0.00
27		Dibromomethane	0.150	0.138	8.0	91	0.00
28	CP	1,2-Dichloropropane	0.255	0.240	5.9	91	0.00
29		Bromodichloromethane	0.273	0.265	2.9	93	0.00
30		4-Methyl-2-pentanone	0.269	0.267	0.7	90	0.00
31		cis-1,3-Dichloropropene	0.365	0.368	-0.8	93	0.00
32	S	Toluene-d8	0.796	0.790	0.8	90	0.00
33	CPM	Toluene	0.730	0.642	12.1	93	0.00
34		trans-1,3-Dichloropropene	0.312	0.321	-2.9	94	0.00
35		1,1,2-Trichloroethane	0.194	0.180	7.2	91	0.00
36		1,2-Dibromoethane	0.214	0.196	8.4	89	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
		1,3-Dichloropropane	1.040	0.975	6.3	91	0.00
		Dibromochloromethane	0.497	0.474	4.6	93	0.00
40		Tetrachloroethene	0.586	0.500	14.7	88	0.00

(#) = Out of Range

ABM 6-25-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3334.D
Acq On : 22 Jun 2007 11:35
Sample : CCV-10059
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 07:21:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.793	0.741	6.6	91	0.00
42		1,1,1,2-Tetrachloroethane	0.497	0.476	4.2	93	0.00
43	PM	Chlorobenzene	1.672	1.604	4.1	90	0.00
44	CP	Ethylbenzene	2.636	2.768	-5.0	91	0.00
45		(m+p)-Xylene	0.940	0.920	2.1	88	0.00
46		o-Xylene	0.971	0.906	6.7	88	0.00
47		Styrene	1.516	1.514	0.1	88	0.00
48	P	Bromoform	0.296	0.264	10.8	89	0.00
49	S	Bromofluorobenzene	0.779	0.653	16.2	87	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
51	P	1,1,2,2-Tetrachloroethane	1.379	1.317	4.5	89	0.00
52		Isopropylbenzene	3.528	3.835	-8.7	89	0.00
53		1,2,3-Trichloropropane	1.158	1.043	9.9	87	0.00
54		Bromobenzene	0.969	0.877	9.5	87	0.00
55		n-Propylbenzene	3.967	4.442	-12.0	91	0.00
56		2-Chlorotoluene	2.851	2.860	-0.3	89	0.00
57		4-Chlorotoluene	2.463	2.489	-1.1	88	0.00
58		1,3,5-Trimethylbenzene	2.599	2.702	-4.0	90	0.00
59		tert-Butylbenzene	2.362	2.414	-2.2	87	0.00
60		1,2,4-Trimethylbenzene	2.395	2.505	-4.6	91	0.00
61		sec-Butylbenzene	3.441	3.798	-10.4	89	0.00
62		1,3-Dichlorobenzene	1.577	1.507	4.4	87	0.00
63		p-Isopropyltoluene	2.539	2.681	-5.6	88	0.00
64		1,4-Dichlorobenzene	1.549	1.481	4.4	87	0.00
65		n-Butylbenzene	2.309	2.422	-4.9	93	0.00
66		1,2-Dichlorobenzene	1.530	1.453	5.0	86	0.00
67		1,2-Dibromo-3-chloropropane	0.214	0.199	7.0	87	0.00
68		1,2,4-Trichlorobenzene	0.825	0.755	8.5	87	0.00
69		Hexachlorobutadiene	0.485	0.389	19.8	79	0.00
70		Naphthalene	1.972	2.029	-2.9	93	0.00
71		1,2,3-Trichlorobenzene	0.769	0.713	7.3	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3334.D
Acq On : 22 Jun 2007 11:35
Sample : CCV-10059
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 07:21:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	90	0.00
2		Dichlorodifluoromethane	50.000	38.787	22.4#	86	0.00
3	P	Chloromethane	50.000	49.180	1.6	89	0.00
4	CP	Vinyl chloride	50.000	48.505	3.0	95	0.00
5		Bromomethane	50.000	56.737	-13.5	115	0.00
6		Chloroethane	50.000	82.279	-64.6#	138	0.00
7		Trichlorofluoromethane	50.000	71.282	-42.6#	142	0.00
8		Acetone	100.000	93.273	6.7	86	0.00
9	CPM	1,1-Dichloroethene	50.000	42.957	14.1	94	0.00
10		Methylene chloride	50.000	48.380	3.2	98	0.00
11		trans-1,2-Dichloroethene	50.000	43.764	12.5	84	0.00
12		Methyl tert-Butyl ether	50.000	46.519	7.0	88	0.00
13	P	1,1-Dichloroethane	50.000	47.513	5.0	91	0.00
[illegible]		2-Butanone	100.000	81.745	18.3	78	0.00
[illegible]		cis-1,2-Dichloroethene	50.000	45.865	8.3	89	0.00
16		Bromochloromethane	50.000	44.548	10.9	89	0.00
17	CP	Chloroform	50.000	47.412	5.2	92	0.00
18		2,2-Dichloropropane	50.000	47.692	4.6	98	0.00
19	S	Dibromofluoromethane	50.000	46.016	8.0	91	0.00
20	S	1,2-Dichloroethane-d4	50.000	45.748	8.5	93	0.00
21		1,2-Dichloroethane	50.000	47.142	5.7	93	0.00
22		1,1,1-Trichloroethane	50.000	44.856	10.3	92	0.00
23		1,1-Dichloropropene	50.000	46.649	6.7	91	0.00
24		Carbon tetrachloride	50.000	42.816	14.4	94	0.00
25	M	Benzene	50.000	44.345	11.3	89	0.00
26	M	Trichloroethene	50.000	44.861	10.3	88	0.00
27		Dibromomethane	50.000	46.087	7.8	91	0.00
28	CP	1,2-Dichloropropane	50.000	47.066	5.9	91	0.00
29		Bromodichloromethane	50.000	48.635	2.7	93	0.00
30		4-Methyl-2-pentanone	100.000	91.319	8.7	90	0.00
31		cis-1,3-Dichloropropene	50.000	46.655	6.7	93	0.00
32	S	Toluene-d8	50.000	49.603	0.8	90	0.00
33	CPM	Toluene	50.000	49.868	0.3	93	0.00
34		trans-1,3-Dichloropropene	50.000	46.823	6.4	94	0.00
35		1,1,2-Trichloroethane	50.000	46.524	7.0	91	0.00
36		1,2-Dibromoethane	50.000	43.116	13.8	89	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
[illegible]		1,3-Dichloropropane	50.000	46.878	6.2	91	0.00
[illegible]		Dibromochloromethane	50.000	41.864	16.3	93	0.00
40		Tetrachloroethene	50.000	40.073	19.9	88	0.00

(#) = Out of Range

ABM 6-25-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3334.D
Acq On : 22 Jun 2007 11:35
Sample : CCV-10059
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J509AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 07:21:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	46.693	6.6	91	0.00
42		1,1,1,2-Tetrachloroethane	50.000	42.848	14.3	93	0.00
43	PM	Chlorobenzene	50.000	47.962	4.1	90	0.00
44	CP	Ethylbenzene	50.000	44.410	11.2	91	0.00
45		(m+p)-Xylene	100.000	97.818	2.2	88	0.00
46		o-Xylene	50.000	42.905	14.2	88	0.00
47		Styrene	50.000	45.211	9.6	88	0.00
48	P	Bromoform	50.000	46.007	8.0	89	0.00
49	S	Bromofluorobenzene	50.000	41.900	16.2	87	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	47.782	4.4	89	0.00
52		Isopropylbenzene	50.000	45.629	8.7	89	0.00
[illegible]		1,2,3-Trichloropropane	50.000	45.015	10.0	87	0.00
[illegible]		Bromobenzene	50.000	45.267	9.5	87	0.00
55		n-Propylbenzene	50.000	47.099	5.8	91	0.00
56		2-Chlorotoluene	50.000	50.155	-0.3	89	0.00
57		4-Chlorotoluene	50.000	50.524	-1.0	88	0.00
58		1,3,5-Trimethylbenzene	50.000	51.998	-4.0	90	0.00
59		tert-Butylbenzene	50.000	51.115	-2.2	87	0.00
60		1,2,4-Trimethylbenzene	50.000	52.305	-4.6	91	0.00
61		sec-Butylbenzene	50.000	45.484	9.0	89	0.00
62		1,3-Dichlorobenzene	50.000	47.765	4.5	87	0.00
63		p-Isopropyltoluene	50.000	43.450	13.1	88	0.00
64		1,4-Dichlorobenzene	50.000	47.796	4.4	87	0.00
65		n-Butylbenzene	50.000	52.449	-4.9	93	0.00
66		1,2-Dichlorobenzene	50.000	47.490	5.0	86	0.00
67		1,2-Dibromo-3-chloropropane	50.000	46.603	6.8	87	0.00
68		1,2,4-Trichlorobenzene	50.000	45.729	8.5	87	0.00
69		Hexachlorobutadiene	50.000	40.116	19.8	79	0.00
70		Naphthalene	50.000	51.462	-2.9	93	0.00
71		1,2,3-Trichlorobenzene	50.000	46.357	7.3	90	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J3334.D J509AF31.M Mon Jun 25 10:06:09 2007 Pa

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10068 CCV #1 ID: CCV-10069 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:26 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	106	0.00
2		Dichlorodifluoromethane	0.201	0.200	0.5	119	0.00
3	P	Chloromethane	0.210	0.208	1.0	118	0.00
4	CP	Vinyl chloride	0.250	0.248	0.8	115	0.00
5		Bromomethane	0.212	0.212	0.0	116	0.00
6		Chloroethane	0.087	0.078	10.3	104	0.00
7		Trichlorofluoromethane	0.276	0.245	11.2	101	0.00
8		Acetone	0.101	0.085	15.8	122	0.00
9	CPM	1,1-Dichloroethene	0.192	0.196	-2.1	113	0.00
10		Methylene chloride	0.295	0.245	16.9	107	0.00
11		trans-1,2-Dichloroethene	0.236	0.236	0.0	111	0.00
12		Methyl tert-Butyl ether	0.695	0.626	9.9	109	0.00
13	P	1,1-Dichloroethane	0.427	0.412	3.5	111	0.00
14		2-Butanone	0.143	0.127	11.2	120	0.00
		cis-1,2-Dichloroethene	0.273	0.266	2.6	109	0.00
16		Bromochloromethane	0.127	0.117	7.9	108	0.00
17	CP	Chloroform	0.422	0.400	5.2	110	0.00
18		2,2-Dichloropropane	0.332	0.341	-2.7	113	0.00
19	S	Dibromofluoromethane	0.215	0.198	7.9	107	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.230	12.9	110	0.00
21		1,2-Dichloroethane	0.307	0.280	8.8	110	0.00
22		1,1,1-Trichloroethane	0.339	0.342	-0.9	113	0.00
23		1,1-Dichloropropene	0.320	0.324	-1.3	112	0.00
24		Carbon tetrachloride	0.214	0.224	-4.7	114	0.00
25	M	Benzene	1.066	1.058	0.8	110	0.00
26	M	Trichloroethene	0.273	0.261	4.4	110	0.00
27		Dibromomethane	0.153	0.136	11.1	107	0.00
28	CP	1,2-Dichloropropane	0.256	0.238	7.0	110	0.00
29		Bromodichloromethane	0.287	0.267	7.0	108	0.00
30		4-Methyl-2-pentanone	0.272	0.239	12.1	114	0.00
31		cis-1,3-Dichloropropene	0.390	0.376	3.6	110	0.00
32	S	Toluene-d8	0.870	0.874	-0.5	111	0.00
33	CPM	Toluene	0.717	0.678	5.4	113	0.00
34		trans-1,3-Dichloropropene	0.345	0.325	5.8	109	0.00
35		1,1,2-Trichloroethane	0.201	0.176	12.4	104	0.00
36		1,2-Dibromoethane	0.221	0.201	9.0	114	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
38		1,3-Dichloropropane	1.097	1.007	8.2	107	0.00
39		Dibromochloromethane	0.537	0.519	3.4	108	0.00
		Tetrachloroethene	0.627	0.664	-5.9	111	0.00

(#) = Out of Range

ABM 6-26-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:26 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.908	-9.4	120	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.543	-1.9	122	0.00
43	PM	Chlorobenzene	1.856	1.849	0.4	119	0.00
44	CP	Ethylbenzene	2.970	3.157	-6.3	119	0.00
45		(m+p)-Xylene	1.026	1.080	-5.3	120	0.00
46		o-Xylene	1.007	1.043	-3.6	118	0.00
47		Styrene	1.634	1.704	-4.3	116	0.00
48	P	Bromoform	0.320	0.300	6.3	118	0.00
49	S	Bromofluorobenzene	0.781	0.744	4.7	119	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.257	6.0	115	0.00
52		Isopropylbenzene	3.968	4.221	-6.4	118	0.00
53		1,2,3-Trichloropropane	1.161	1.007	13.3	113	0.00
		Bromobenzene	1.023	0.981	4.1	117	0.00
55		n-Propylbenzene	4.434	4.714	-6.3	118	0.00
56		2-Chlorotoluene	3.005	2.997	0.3	117	0.00
57		4-Chlorotoluene	2.570	2.582	-0.5	116	0.00
58		1,3,5-Trimethylbenzene	2.708	2.812	-3.8	118	0.00
59		tert-Butylbenzene	2.575	2.704	-5.0	119	0.00
60		1,2,4-Trimethylbenzene	2.499	2.599	-4.0	118	0.00
61		sec-Butylbenzene	3.877	4.164	-7.4	117	0.00
62		1,3-Dichlorobenzene	1.668	1.657	0.7	118	0.00
63		p-Isopropyltoluene	2.803	3.016	-7.6	117	0.00
64		1,4-Dichlorobenzene	1.666	1.605	3.7	115	0.00
65		n-Butylbenzene	2.486	2.630	-5.8	115	0.00
66		1,2-Dichlorobenzene	1.579	1.559	1.3	117	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.150	-7.9	132	0.00
68		1,2,4-Trichlorobenzene	0.659	0.756	-14.7	128	0.00
69		Hexachlorobutadiene	0.453	0.529	-16.8	128	0.00
70		Naphthalene	1.519	1.541	-1.4	126	0.00
71		1,2,3-Trichlorobenzene	0.601	0.629	-4.7	126	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	106	0.00
2		Dichlorodifluoromethane	50.000	49.967	0.1	119	0.00
3	P	Chloromethane	50.000	49.583	0.8	118	0.00
4	CP	Vinyl chloride	50.000	49.581	0.8	115	0.00
5		Bromomethane	50.000	49.854	0.3	116	0.00
6		Chloroethane	50.000	44.671	10.7	104	0.00
7		Trichlorofluoromethane	50.000	44.372	11.3	101	0.00
8		Acetone	100.000	83.954	16.0	122	0.00
9	CPM	1,1-Dichloroethene	50.000	51.094	-2.2	113	0.00
10		Methylene chloride	50.000	46.531	6.9	107	0.00
11		trans-1,2-Dichloroethene	50.000	50.170	-0.3	111	0.00
12		Methyl tert-Butyl ether	50.000	45.031	9.9	109	0.00
13	P	1,1-Dichloroethane	50.000	48.263	3.5	111	0.00
14		2-Butanone	100.000	95.169	4.8	120	0.00
		cis-1,2-Dichloroethene	50.000	48.703	2.6	109	0.00
16		Bromochloromethane	50.000	46.217	7.6	108	0.00
17	CP	Chloroform	50.000	47.427	5.1	110	0.00
18		2,2-Dichloropropane	50.000	51.377	-2.8	113	0.00
19	S	Dibromofluoromethane	50.000	45.892	8.2	107	0.00
20	S	1,2-Dichloroethane-d4	50.000	43.424	13.2	110	0.00
21		1,2-Dichloroethane	50.000	45.571	8.9	110	0.00
22		1,1,1-Trichloroethane	50.000	50.514	-1.0	113	0.00
23		1,1-Dichloropropene	50.000	50.749	-1.5	112	0.00
24		Carbon tetrachloride	50.000	53.909	-7.8	114	0.00
25	M	Benzene	50.000	49.642	0.7	110	0.00
26	M	Trichloroethene	50.000	47.846	4.3	110	0.00
27		Dibromomethane	50.000	44.474	11.1	107	0.00
28	CP	1,2-Dichloropropane	50.000	46.415	7.2	110	0.00
29		Bromodichloromethane	50.000	43.019	14.0	108	0.00
30		4-Methyl-2-pentanone	100.000	82.158	17.8	114	0.00
31		cis-1,3-Dichloropropene	50.000	44.117	11.8	110	0.00
32	S	Toluene-d8	50.000	50.198	-0.4	111	0.00
33	CPM	Toluene	50.000	47.287	5.4	113	0.00
34		trans-1,3-Dichloropropene	50.000	42.696	14.6	109	0.00
35		1,1,2-Trichloroethane	50.000	43.712	12.6	104	0.00
36		1,2-Dibromoethane	50.000	42.515	15.0	114	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
38		1,3-Dichloropropane	50.000	45.885	8.2	107	0.00
39		Dibromochloromethane	50.000	42.526	14.9	108	0.00
		Tetrachloroethene	50.000	52.908	-5.8	111	0.00

(#) = Out of Range

ABM 6-26-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3400.D
Acq On : 26 Jun 2007 8:15
Sample : CCV-10069
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 11:17:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	54.751	-9.5	120	0.00
42		1,1,1,2-Tetrachloroethane	50.000	45.905	8.2	122	0.00
43	PM	Chlorobenzene	50.000	49.787	0.4	119	0.00
44	CP	Ethylbenzene	50.000	53.148	-6.3	119	0.00
45		(m+p)-Xylene	100.000	105.261	-5.3	120	0.00
46		o-Xylene	50.000	51.787	-3.6	118	0.00
47		Styrene	50.000	47.693	4.6	116	0.00
48	P	Bromoform	50.000	47.888	4.2	118	0.00
49	S	Bromofluorobenzene	50.000	47.602	4.8	119	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	47.019	6.0	115	0.00
52		Isopropylbenzene	50.000	53.183	-6.4	118	0.00
53		1,2,3-Trichloropropane	50.000	43.370	13.3	113	0.00
		Bromobenzene	50.000	47.936	4.1	117	0.00
55		n-Propylbenzene	50.000	53.159	-6.3	118	0.00
56		2-Chlorotoluene	50.000	49.868	0.3	117	0.00
57		4-Chlorotoluene	50.000	50.235	-0.5	116	0.00
58		1,3,5-Trimethylbenzene	50.000	51.926	-3.9	118	0.00
59		tert-Butylbenzene	50.000	52.503	-5.0	119	0.00
60		1,2,4-Trimethylbenzene	50.000	51.996	-4.0	118	0.00
61		sec-Butylbenzene	50.000	53.706	-7.4	117	0.00
62		1,3-Dichlorobenzene	50.000	49.686	0.6	118	0.00
63		p-Isopropyltoluene	50.000	53.801	-7.6	117	0.00
64		1,4-Dichlorobenzene	50.000	48.168	3.7	115	0.00
65		n-Butylbenzene	50.000	52.901	-5.8	115	0.00
66		1,2-Dichlorobenzene	50.000	49.373	1.3	117	0.00
67		1,2-Dibromo-3-chloropropane	50.000	47.789	4.4	132	0.00
68		1,2,4-Trichlorobenzene	50.000	57.356	-14.7	128	0.00
69		Hexachlorobutadiene	50.000	58.353	-16.7	128	0.00
70		Naphthalene	50.000	50.724	-1.4	126	0.00
71		1,2,3-Trichlorobenzene	50.000	52.355	-4.7	126	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10077 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9162.D
Acq On : 25 Jun 2007 22:58
Sample : CCV-10077
Misc : CCV ,8260SMAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 42
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	130	0.00
2		Dichlorodifluoromethane	0.382	0.308	19.4	96	0.00
3	P	Chloromethane	0.257	0.221	14.0	107	0.00
4	CP	Vinyl chloride	0.220	0.211	4.1	119	0.00
5		Bromomethane	0.187	0.151	19.3	105	0.00
6		Chloroethane	0.128	0.131	-2.3	124	0.00
7		Trichlorofluoromethane	0.581	0.495	14.8	98	0.00
8		Acetone	0.042	0.035	16.7	102	0.00
9	CPM	1,1-Dichloroethene	0.181	0.210	-16.0	141	0.00
10		Methylene chloride	0.286	0.232	18.9	133	0.00
11		trans-1,2-Dichloroethene	0.230	0.252	-9.6	133	0.00
12		Methyl tert-Butyl ether	0.568	0.539	5.1	119	0.00
13	P	1,1-Dichloroethane	0.370	0.342	7.6	114	0.00
[illegible]		2-Butanone	0.054	0.044	18.5	105	0.00
[illegible]		cis-1,2-Dichloroethene	0.255	0.281	-10.2	134	0.00
16		Bromochloromethane	0.144	0.157	-9.0	138	0.00
17	CP	Chloroform	0.583	0.464	20.4#	116	0.00
18		2,2-Dichloropropane	0.452	0.334	26.1#	89	0.00
19	S	Dibromofluoromethane	0.258	0.252	2.3	118	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.253	20.4#	100	0.00
21		1,2-Dichloroethane	0.379	0.306	19.3	100	0.00
22		1,1,1-Trichloroethane	0.543	0.501	7.7	108	0.00
23		1,1-Dichloropropene	0.305	0.299	2.0	118	0.00
24		Carbon tetrachloride	0.466	0.414	11.2	106	0.00
25	M	Benzene	0.850	0.863	-1.5	125	0.00
26	M	Trichloroethene	0.295	0.308	-4.4	131	0.00
27		Dibromomethane	0.144	0.131	9.0	112	0.00
28	CP	1,2-Dichloropropane	0.180	0.171	5.0	119	0.00
29		Bromodichloromethane	0.371	0.312	15.9	107	0.00
30		4-Methyl-2-pentanone	0.131	0.105	19.8	98	0.00
31		cis-1,3-Dichloropropene	0.344	0.325	5.5	119	0.00
32	S	Toluene-d8	0.965	1.055	-9.3	132	0.00
33	CPM	Toluene	0.696	0.753	-8.2	131	0.00
34		trans-1,3-Dichloropropene	0.327	0.288	11.9	105	0.00
35		1,1,2-Trichloroethane	0.139	0.137	1.4	122	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
37		1,2-Dibromoethane	0.474	0.518	-9.3	126	0.00
[illegible]		1,3-Dichloropropane	0.684	0.696	-1.8	116	0.00
		Dibromochloromethane	0.645	0.649	-0.6	119	0.00
40		Tetrachloroethene	0.828	0.992	-19.8	134	0.00

(#) = Out of Range

David M Bellum 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9162.D
Acq On : 25 Jun 2007 22:58
Sample : CCV-10077
Misc : CCV ,8260SMAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 42
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.887	-18.0	130	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.738	-7.4	122	0.00
43	PM	Chlorobenzene	2.009	2.351	-17.0	132	0.00
44	CP	Ethylbenzene	3.262	3.638	-11.5	124	0.00
45		(m+p)-Xylene	1.206	1.428	-18.4	133	0.00
46		o-Xylene	1.213	1.403	-15.7	131	0.00
47		Styrene	1.899	2.255	-18.7	127	0.00
48	P	Bromoform	0.353	0.381	-7.9	122	0.00
49	S	Bromofluorobenzene	0.946	0.963	-1.8	120	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	126	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.457	14.6	105	0.00
52		Isopropylbenzene	3.690	3.947	-7.0	125	0.00
[illegible]		1,2,3-Trichloropropane	0.490	0.435	11.2	109	0.00
[illegible]		Bromobenzene	1.019	1.115	-9.4	132	0.00
55		n-Propylbenzene	3.403	3.533	-3.8	119	0.00
56		2-Chlorotoluene	2.613	2.598	0.6	118	0.00
57		4-Chlorotoluene	2.145	2.113	1.5	117	0.00
58		1,3,5-Trimethylbenzene	2.455	2.539	-3.4	121	0.00
59		tert-Butylbenzene	2.609	2.699	-3.4	123	0.00
60		1,2,4-Trimethylbenzene	2.175	2.272	-4.5	121	0.00
61		sec-Butylbenzene	3.216	3.495	-8.7	122	0.00
62		1,3-Dichlorobenzene	1.649	1.765	-7.0	126	0.00
63		p-Isopropyltoluene	2.678	2.851	-6.5	120	0.00
64		1,4-Dichlorobenzene	1.599	1.646	-2.9	126	0.00
65		n-Butylbenzene	1.705	1.757	-3.0	111	0.00
66		1,2-Dichlorobenzene	1.558	1.664	-6.8	125	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.081	23.6#	95	0.00
68		1,2,4-Trichlorobenzene	0.619	0.813	-31.3#	134	0.00
69		Hexachlorobutadiene	0.532	0.573	-7.7	121	0.00
70		Naphthalene	1.015	1.422	-40.1#	133	0.00
71		1,2,3-Trichlorobenzene	0.605	0.797	-31.7#	129	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9162.D
Acq On : 25 Jun 2007 22:58
Sample : CCV-10077
Misc : CCV ,8260SMAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 42
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	130	0.00
2		Dichlorodifluoromethane	10.000	8.061	19.4	96	0.00
3	P	Chloromethane	10.000	8.582	14.2	107	0.00
4	CP	Vinyl chloride	10.000	9.583	4.2	119	0.00
5		Bromomethane	10.000	8.106	18.9	105	0.00
6		Chloroethane	10.000	10.191	-1.9	124	0.00
7		Trichlorofluoromethane	10.000	8.525	14.7	98	0.00
8		Acetone	20.000	16.304	18.5	102	0.00
9	CPM	1,1-Dichloroethene	10.000	11.612	-16.1	141	0.00
10		Methylene chloride	10.000	10.350	-3.5	133	0.00
11		trans-1,2-Dichloroethene	10.000	10.946	-9.5	133	0.00
12		Methyl tert-Butyl ether	10.000	9.500	5.0	119	0.00
13	P	1,1-Dichloroethane	10.000	9.257	7.4	114	0.00
14		2-Butanone	20.000	16.285	18.6	105	0.00
15		cis-1,2-Dichloroethene	10.000	11.015	-10.2	134	0.00
16		Bromochloromethane	10.000	10.884	-8.8	138	0.00
17	CP	Chloroform	10.000	9.161	8.4	116	0.00
18		2,2-Dichloropropane	10.000	7.393	26.1#	89	0.00
19	S	Dibromofluoromethane	10.000	9.749	2.5	118	0.00
20	S	1,2-Dichloroethane-d4	10.000	7.957	20.4#	100	0.00
21		1,2-Dichloroethane	10.000	8.062	19.4	100	0.00
22		1,1,1-Trichloroethane	10.000	9.217	7.8	108	0.00
23		1,1-Dichloropropene	10.000	9.797	2.0	118	0.00
24		Carbon tetrachloride	10.000	8.872	11.3	106	0.00
25	M	Benzene	10.000	10.158	-1.6	125	0.00
26	M	Trichloroethene	10.000	10.448	-4.5	131	0.00
27		Dibromomethane	10.000	9.047	9.5	112	0.00
28	CP	1,2-Dichloropropane	10.000	9.490	5.1	119	0.00
29		Bromodichloromethane	10.000	8.409	15.9	107	0.00
30		4-Methyl-2-pentanone	20.000	16.009	20.0	98	0.00
31		cis-1,3-Dichloropropene	10.000	9.458	5.4	119	0.00
32	S	Toluene-d8	10.000	10.927	-9.3	132	0.00
33	CPM	Toluene	10.000	10.824	-8.2	131	0.00
34		trans-1,3-Dichloropropene	10.000	8.811	11.9	105	0.00
35		1,1,2-Trichloroethane	10.000	9.904	1.0	122	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	118	0.00
37		1,2-Dibromoethane	10.000	10.940	-9.4	126	0.00
38		1,3-Dichloropropane	10.000	10.176	-1.8	116	0.00
39		Dibromochloromethane	10.000	10.060	-0.6	119	0.00
40		Tetrachloroethene	10.000	11.986	-19.9	134	0.00

(#) = Out of Range

David M Baldwin 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9162.D
Acq On : 25 Jun 2007 22:58
Sample : CCV-10077
Misc : CCV ,8260SMAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 42
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.468	-4.7	130	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.734	-7.3	122	0.00
43	PM	Chlorobenzene	10.000	11.704	-17.0	132	0.00
44	CP	Ethylbenzene	10.000	11.153	-11.5	124	0.00
45		(m+p)-Xylene	20.000	23.681	-18.4	133	0.00
46		o-Xylene	10.000	11.563	-15.6	131	0.00
47		Styrene	10.000	10.363	-3.6	127	0.00
48	P	Bromoform	10.000	9.427	5.7	122	0.00
49	S	Bromofluorobenzene	10.000	10.171	-1.7	120	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	126	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	8.543	14.6	105	0.00
52		Isopropylbenzene	10.000	10.697	-7.0	125	0.00
53		1,2,3-Trichloropropane	10.000	8.868	11.3	109	0.00
54		Bromobenzene	10.000	10.937	-9.4	132	0.00
55		n-Propylbenzene	10.000	10.385	-3.8	119	0.00
56		2-Chlorotoluene	10.000	9.943	0.6	118	0.00
57		4-Chlorotoluene	10.000	9.851	1.5	117	0.00
58		1,3,5-Trimethylbenzene	10.000	10.342	-3.4	121	0.00
59		tert-Butylbenzene	10.000	10.345	-3.5	123	0.00
60		1,2,4-Trimethylbenzene	10.000	10.447	-4.5	121	0.00
61		sec-Butylbenzene	10.000	10.867	-8.7	122	0.00
62		1,3-Dichlorobenzene	10.000	10.706	-7.1	126	0.00
63		p-Isopropyltoluene	10.000	10.645	-6.4	120	0.00
64		1,4-Dichlorobenzene	10.000	10.299	-3.0	126	0.00
65		n-Butylbenzene	10.000	9.141	8.6	111	0.00
66		1,2-Dichlorobenzene	10.000	10.678	-6.8	125	0.00
67		1,2-Dibromo-3-chloropropane	10.000	7.659	23.4#	95	0.00
68		1,2,4-Trichlorobenzene	10.000	10.121	-1.2	134	0.00
69		Hexachlorobutadiene	10.000	9.427	5.7	121	0.00
70		Naphthalene	10.000	10.492	-4.9	133	0.00
71		1,2,3-Trichlorobenzene	10.000	10.112	-1.1	129	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10068 CCV #1 ID: CCV-10091 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	102	0.00
2		Dichlorodifluoromethane	0.201	0.198	1.5	114	0.00
3	P	Chloromethane	0.210	0.222	-5.7	122	0.00
4	CP	Vinyl chloride	0.250	0.247	1.2	111	0.00
5		Bromomethane	0.212	0.219	-3.3	116	0.00
6		Chloroethane	0.087	0.084	3.4	108	0.00
7		Trichlorofluoromethane	0.276	0.255	7.6	101	0.00
8		Acetone	0.101	0.096	5.0	134	0.00
9	CPM	1,1-Dichloroethene	0.192	0.178	7.3	100	0.00
10		Methylene chloride	0.295	0.239	19.0	101	0.00
11		trans-1,2-Dichloroethene	0.236	0.220	6.8	100	0.00
12		Methyl tert-Butyl ether	0.695	0.637	8.3	108	0.00
13	P	1,1-Dichloroethane	0.427	0.407	4.7	106	0.00
14		2-Butanone	0.143	0.147	-2.8	135	0.00
		cis-1,2-Dichloroethene	0.273	0.253	7.3	101	0.00
16		Bromochloromethane	0.127	0.114	10.2	102	0.00
17	CP	Chloroform	0.422	0.389	7.8	103	0.00
18		2,2-Dichloropropane	0.332	0.315	5.1	101	0.00
19	S	Dibromofluoromethane	0.215	0.194	9.8	102	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.234	11.4	108	0.00
21		1,2-Dichloroethane	0.307	0.283	7.8	108	0.00
22		1,1,1-Trichloroethane	0.339	0.318	6.2	102	0.00
23		1,1-Dichloropropene	0.320	0.303	5.3	101	0.00
24		Carbon tetrachloride	0.214	0.200	6.5	98	0.00
25	M	Benzene	1.066	1.009	5.3	102	0.00
26	M	Trichloroethene	0.273	0.246	9.9	100	0.00
27		Dibromomethane	0.153	0.137	10.5	104	0.00
28	CP	1,2-Dichloropropane	0.256	0.238	7.0	107	0.00
29		Bromodichloromethane	0.287	0.270	5.9	106	0.00
30		4-Methyl-2-pentanone	0.272	0.300	-10.3	139	0.00
31		cis-1,3-Dichloropropene	0.390	0.377	3.3	107	0.00
32	S	Toluene-d8	0.870	0.839	3.6	103	0.00
33	CPM	Toluene	0.717	0.646	9.9	104	0.00
34		trans-1,3-Dichloropropene	0.345	0.332	3.8	108	0.00
35		1,1,2-Trichloroethane	0.201	0.180	10.4	103	0.00
36		1,2-Dibromoethane	0.221	0.203	8.1	112	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
38		1,3-Dichloropropane	1.097	0.997	9.1	106	0.00
39		Dibromochloromethane	0.537	0.520	3.2	109	0.00
		Tetrachloroethene	0.627	0.580	7.5	98	0.00

(#) = Out of Range

ABM 6-28-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.786	5.3	105	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.515	3.4	117	0.00
43	PM	Chlorobenzene	1.856	1.717	7.5	111	0.00
44	CP	Ethylbenzene	2.970	2.901	2.3	110	0.00
45		(m+p)-Xylene	1.026	0.991	3.4	111	0.00
46		o-Xylene	1.007	0.974	3.3	111	0.00
47		Styrene	1.634	1.612	1.3	111	0.00
48	P	Bromoform	0.320	0.302	5.6	120	0.00
49	S	Bromofluorobenzene	0.781	0.713	8.7	115	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.266	5.3	114	0.00
52		Isopropylbenzene	3.968	3.932	0.9	109	0.00
53		1,2,3-Trichloropropane	1.161	1.035	10.9	115	0.00
		Bromobenzene	1.023	0.941	8.0	112	0.00
55		n-Propylbenzene	4.434	4.348	1.9	108	0.00
56		2-Chlorotoluene	3.005	2.876	4.3	111	0.00
57		4-Chlorotoluene	2.570	2.450	4.7	109	0.00
58		1,3,5-Trimethylbenzene	2.708	2.629	2.9	109	0.00
59		tert-Butylbenzene	2.575	2.441	5.2	107	0.00
60		1,2,4-Trimethylbenzene	2.499	2.455	1.8	110	0.00
61		sec-Butylbenzene	3.877	3.761	3.0	105	0.00
62		1,3-Dichlorobenzene	1.668	1.569	5.9	110	0.00
63		p-Isopropyltoluene	2.803	2.740	2.2	105	0.00
64		1,4-Dichlorobenzene	1.666	1.517	8.9	108	0.00
65		n-Butylbenzene	2.486	2.387	4.0	104	0.00
66		1,2-Dichlorobenzene	1.579	1.507	4.6	112	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.136	2.2	119	0.00
68		1,2,4-Trichlorobenzene	0.659	0.655	0.6	110	0.00
69		Hexachlorobutadiene	0.453	0.403	11.0	97	0.00
70		Naphthalene	1.519	1.448	4.7	118	0.00
71		1,2,3-Trichlorobenzene	0.601	0.563	6.3	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	102	0.00
2		Dichlorodifluoromethane	50.000	49.259	1.5	114	0.00
3	P	Chloromethane	50.000	52.960	-5.9	122	0.00
4	CP	Vinyl chloride	50.000	49.435	1.1	111	0.00
5		Bromomethane	50.000	51.557	-3.1	116	0.00
6		Chloroethane	50.000	47.824	4.4	108	0.00
7		Trichlorofluoromethane	50.000	46.185	7.6	101	0.00
8		Acetone	100.000	94.697	5.3	134	0.00
9	CPM	1,1-Dichloroethene	50.000	46.466	7.1	100	0.00
10		Methylene chloride	50.000	45.331	9.3	101	0.00
11		trans-1,2-Dichloroethene	50.000	46.699	6.6	100	0.00
12		Methyl tert-Butyl ether	50.000	45.782	8.4	108	0.00
13	P	1,1-Dichloroethane	50.000	47.691	4.6	106	0.00
14		2-Butanone	100.000	108.312	-8.3	135	0.00
		cis-1,2-Dichloroethene	50.000	46.388	7.2	101	0.00
16		Bromochloromethane	50.000	45.110	9.8	102	0.00
17	CP	Chloroform	50.000	46.122	7.8	103	0.00
18		2,2-Dichloropropane	50.000	47.374	5.3	101	0.00
19	S	Dibromofluoromethane	50.000	45.082	9.8	102	0.00
20	S	1,2-Dichloroethane-d4	50.000	44.297	11.4	108	0.00
21		1,2-Dichloroethane	50.000	46.163	7.7	108	0.00
22		1,1,1-Trichloroethane	50.000	46.944	6.1	102	0.00
23		1,1-Dichloropropene	50.000	47.394	5.2	101	0.00
24		Carbon tetrachloride	50.000	48.777	2.4	98	0.00
25	M	Benzene	50.000	47.349	5.3	102	0.00
26	M	Trichloroethene	50.000	44.964	10.1	100	0.00
27		Dibromomethane	50.000	44.616	10.8	104	0.00
28	CP	1,2-Dichloropropane	50.000	46.459	7.1	107	0.00
29		Bromodichloromethane	50.000	43.397	13.2	106	0.00
30		4-Methyl-2-pentanone	100.000	100.395	-0.4	139	0.00
31		cis-1,3-Dichloropropene	50.000	44.221	11.6	107	0.00
32	S	Toluene-d8	50.000	48.199	3.6	103	0.00
33	CPM	Toluene	50.000	45.034	9.9	104	0.00
34		trans-1,3-Dichloropropene	50.000	43.524	13.0	108	0.00
35		1,1,2-Trichloroethane	50.000	44.780	10.4	103	0.00
36		1,2-Dibromoethane	50.000	42.948	14.1	112	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
38		1,3-Dichloropropane	50.000	45.420	9.2	106	0.00
39		Dibromochloromethane	50.000	42.614	14.8	109	0.00
		Tetrachloroethene	50.000	46.242	7.5	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	47.382	5.2	105	0.00
42		1,1,1,2-Tetrachloroethane	50.000	43.863	12.3	117	0.00
43	PM	Chlorobenzene	50.000	46.257	7.5	111	0.00
44	CP	Ethylbenzene	50.000	48.829	2.3	110	0.00
45		(m+p)-Xylene	100.000	96.588	3.4	111	0.00
46		o-Xylene	50.000	48.344	3.3	111	0.00
47		Styrene	50.000	45.289	9.4	111	0.00
48	P	Bromoform	50.000	48.209	3.6	120	0.00
49	S	Bromofluorobenzene	50.000	45.667	8.7	115	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	47.361	5.3	114	0.00
52		Isopropylbenzene	50.000	49.540	0.9	109	0.00
53		1,2,3-Trichloropropane	50.000	44.595	10.8	115	0.00
		Bromobenzene	50.000	46.003	8.0	112	0.00
55		n-Propylbenzene	50.000	49.038	1.9	108	0.00
56		2-Chlorotoluene	50.000	47.855	4.3	111	0.00
57		4-Chlorotoluene	50.000	47.655	4.7	109	0.00
58		1,3,5-Trimethylbenzene	50.000	48.532	2.9	109	0.00
59		tert-Butylbenzene	50.000	47.390	5.2	107	0.00
60		1,2,4-Trimethylbenzene	50.000	49.108	1.8	110	0.00
61		sec-Butylbenzene	50.000	48.507	3.0	105	0.00
62		1,3-Dichlorobenzene	50.000	47.055	5.9	110	0.00
63		p-Isopropyltoluene	50.000	48.879	2.2	105	0.00
64		1,4-Dichlorobenzene	50.000	45.534	8.9	108	0.00
65		n-Butylbenzene	50.000	48.014	4.0	104	0.00
66		1,2-Dichlorobenzene	50.000	47.722	4.6	112	0.00
67		1,2-Dibromo-3-chloropropane	50.000	44.140	11.7	119	0.00
68		1,2,4-Trichlorobenzene	50.000	49.701	0.6	110	0.00
69		Hexachlorobutadiene	50.000	44.437	11.1	97	0.00
70		Naphthalene	50.000	47.683	4.6	118	0.00
71		1,2,3-Trichlorobenzene	50.000	46.819	6.4	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10095 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	123	0.00
2		Dichlorodifluoromethane	0.382	0.314	17.8	93	0.00
3	P	Chloromethane	0.257	0.242	5.8	112	0.00
4	CP	Vinyl chloride	0.220	0.222	-0.9	119	0.00
5		Bromomethane	0.187	0.153	18.2	101	0.00
6		Chloroethane	0.128	0.135	-5.5	121	0.00
7		Trichlorofluoromethane	0.581	0.496	14.6	94	0.00
8		Acetone	0.042	0.036	14.3	100	0.00
9	CPM	1,1-Dichloroethene	0.181	0.209	-15.5	134	0.00
10		Methylene chloride	0.286	0.236	17.5	129	0.00
11		trans-1,2-Dichloroethene	0.230	0.255	-10.9	128	0.00
12		Methyl tert-Butyl ether	0.568	0.555	2.3	117	0.00
13	P	1,1-Dichloroethane	0.370	0.348	5.9	110	0.00
14		2-Butanone	0.054	0.046	14.8	105	0.00
15		cis-1,2-Dichloroethene	0.255	0.283	-11.0	128	0.00
		Bromochloromethane	0.144	0.156	-8.3	130	0.00
17	CP	Chloroform	0.583	0.463	20.6#	110	0.00
18		2,2-Dichloropropane	0.452	0.423	6.4	107	0.00
19	S	Dibromofluoromethane	0.258	0.257	0.4	115	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.249	21.7#	94	0.00
21		1,2-Dichloroethane	0.379	0.302	20.3#	94	0.00
22		1,1,1-Trichloroethane	0.543	0.510	6.1	104	0.00
23		1,1-Dichloropropene	0.305	0.306	-0.3	115	0.00
24		Carbon tetrachloride	0.466	0.423	9.2	103	0.00
25	M	Benzene	0.850	0.865	-1.8	119	0.00
26	M	Trichloroethene	0.295	0.295	0.0	119	0.00
27		Dibromomethane	0.144	0.131	9.0	107	0.00
28	CP	1,2-Dichloropropane	0.180	0.169	6.1	113	0.00
29		Bromodichloromethane	0.371	0.317	14.6	104	0.00
30		4-Methyl-2-pentanone	0.131	0.112	14.5	99	0.00
31		cis-1,3-Dichloropropene	0.344	0.343	0.3	119	0.00
32	S	Toluene-d8	0.965	1.067	-10.6	127	0.00
33	CPM	Toluene	0.696	0.758	-8.9	126	0.00
34		trans-1,3-Dichloropropene	0.327	0.307	6.1	106	0.00
35		1,1,2-Trichloroethane	0.139	0.140	-0.7	118	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
37		1,2-Dibromoethane	0.474	0.539	-13.7	123	0.00
38		1,3-Dichloropropane	0.684	0.719	-5.1	112	0.00
39		Dibromochloromethane	0.645	0.690	-7.0	119	0.00
		Tetrachloroethene	0.828	1.011	-22.1#	128	0.00

(#) = Out of Range

David M Bolin 6/27/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.977	-29.9#	134	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.759	-10.5	118	0.00
43	PM	Chlorobenzene	2.009	2.411	-20.0#	127	0.00
44	CP	Ethylbenzene	3.262	3.733	-14.4	119	0.00
45		(m+p)-Xylene	1.206	1.473	-22.1#	129	0.00
46		o-Xylene	1.213	1.469	-21.1#	129	0.00
47		Styrene	1.899	2.306	-21.4#	122	0.00
48	P	Bromoform	0.353	0.409	-15.9	123	0.00
49	S	Bromofluorobenzene	0.946	1.007	-6.4	118	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	121	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.514	3.9	114	0.00
52		Isopropylbenzene	3.690	4.009	-8.6	122	0.00
53		1,2,3-Trichloropropane	0.490	0.445	9.2	107	0.00
		Bromobenzene	1.019	1.103	-8.2	126	0.00
		n-Propylbenzene	3.403	3.628	-6.6	118	0.00
56		2-Chlorotoluene	2.613	2.629	-0.6	115	0.00
57		4-Chlorotoluene	2.145	2.157	-0.6	115	0.00
58		1,3,5-Trimethylbenzene	2.455	2.559	-4.2	117	0.00
59		tert-Butylbenzene	2.609	2.761	-5.8	121	0.00
60		1,2,4-Trimethylbenzene	2.175	2.281	-4.9	117	0.00
61		sec-Butylbenzene	3.216	3.588	-11.6	121	0.00
62		1,3-Dichlorobenzene	1.649	1.815	-10.1	125	0.00
63		p-Isopropyltoluene	2.678	2.909	-8.6	118	0.00
64		1,4-Dichlorobenzene	1.599	1.699	-6.3	125	0.00
65		n-Butylbenzene	1.705	1.823	-6.9	111	0.00
66		1,2-Dichlorobenzene	1.558	1.704	-9.4	123	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.089	16.0	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.814	-31.5#	129	0.00
69		Hexachlorobutadiene	0.532	0.597	-12.2	122	0.00
70		Naphthalene	1.015	1.502	-48.0#	136	0.00
71		1,2,3-Trichlorobenzene	0.605	0.836	-38.2#	130	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	123	0.00
2		Dichlorodifluoromethane	10.000	8.219	17.8	93	0.00
3	P	Chloromethane	10.000	9.416	5.8	112	0.00
4	CP	Vinyl chloride	10.000	10.104	-1.0	119	0.00
5		Bromomethane	10.000	8.181	18.2	101	0.00
6		Chloroethane	10.000	10.531	-5.3	121	0.00
7		Trichlorofluoromethane	10.000	8.538	14.6	94	0.00
8		Acetone	20.000	16.798	16.0	100	0.00
9	CPM	1,1-Dichloroethene	10.000	11.582	-15.8	134	0.00
10		Methylene chloride	10.000	10.507	-5.1	129	0.00
11		trans-1,2-Dichloroethene	10.000	11.090	-10.9	128	0.00
12		Methyl tert-Butyl ether	10.000	9.779	2.2	117	0.00
13	P	1,1-Dichloroethane	10.000	9.402	6.0	110	0.00
14		2-Butanone	20.000	17.064	14.7	105	0.00
		cis-1,2-Dichloroethene	10.000	11.098	-11.0	128	0.00
		Bromochloromethane	10.000	10.771	-7.7	130	0.00
17	CP	Chloroform	10.000	9.145	8.6	110	0.00
18		2,2-Dichloropropane	10.000	9.357	6.4	107	0.00
19	S	Dibromofluoromethane	10.000	9.950	0.5	115	0.00
20	S	1,2-Dichloroethane-d4	10.000	7.844	21.6#	94	0.00
21		1,2-Dichloroethane	10.000	7.966	20.3#	94	0.00
22		1,1,1-Trichloroethane	10.000	9.382	6.2	104	0.00
23		1,1-Dichloropropene	10.000	10.040	-0.4	115	0.00
24		Carbon tetrachloride	10.000	9.068	9.3	103	0.00
25	M	Benzene	10.000	10.182	-1.8	119	0.00
26	M	Trichloroethene	10.000	9.995	0.1	119	0.00
27		Dibromomethane	10.000	9.043	9.6	107	0.00
28	CP	1,2-Dichloropropane	10.000	9.402	6.0	113	0.00
29		Bromodichloromethane	10.000	8.564	14.4	104	0.00
30		4-Methyl-2-pentanone	20.000	17.023	14.9	99	0.00
31		cis-1,3-Dichloropropene	10.000	9.987	0.1	119	0.00
32	S	Toluene-d8	10.000	11.053	-10.5	127	0.00
33	CPM	Toluene	10.000	10.889	-8.9	126	0.00
34		trans-1,3-Dichloropropene	10.000	9.389	6.1	106	0.00
35		1,1,2-Trichloroethane	10.000	10.064	-0.6	118	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	111	0.00
37		1,2-Dibromoethane	10.000	11.384	-13.8	123	0.00
38		1,3-Dichloropropane	10.000	10.521	-5.2	112	0.00
39		Dibromochloromethane	10.000	10.698	-7.0	119	0.00
		Tetrachloroethene	10.000	12.213	-22.1#	128	0.00

(#) = Out of Range

6/27/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.483	-14.8	134	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.036	-10.4	118	0.00
43	PM	Chlorobenzene	10.000	11.998	-20.0	127	0.00
44	CP	Ethylbenzene	10.000	11.446	-14.5	119	0.00
45		(m+p)-Xylene	20.000	24.420	-22.1#	129	0.00
46		o-Xylene	10.000	12.105	-21.1#	129	0.00
47		Styrene	10.000	10.588	-5.9	122	0.00
48	P	Bromoform	10.000	10.085	-0.9	123	0.00
49	S	Bromofluorobenzene	10.000	10.640	-6.4	118	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	121	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	9.599	4.0	114	0.00
52		Isopropylbenzene	10.000	10.865	-8.7	122	0.00
53		1,2,3-Trichloropropane	10.000	9.086	9.1	107	0.00
		Bromobenzene	10.000	10.818	-8.2	126	0.00
		n-Propylbenzene	10.000	10.662	-6.6	118	0.00
56		2-Chlorotoluene	10.000	10.061	-0.6	115	0.00
57		4-Chlorotoluene	10.000	10.057	-0.6	115	0.00
58		1,3,5-Trimethylbenzene	10.000	10.424	-4.2	117	0.00
59		tert-Butylbenzene	10.000	10.583	-5.8	121	0.00
60		1,2,4-Trimethylbenzene	10.000	10.489	-4.9	117	0.00
61		sec-Butylbenzene	10.000	11.157	-11.6	121	0.00
62		1,3-Dichlorobenzene	10.000	11.004	-10.0	125	0.00
63		p-Isopropyltoluene	10.000	10.862	-8.6	118	0.00
64		1,4-Dichlorobenzene	10.000	10.626	-6.3	125	0.00
65		n-Butylbenzene	10.000	9.485	5.2	111	0.00
66		1,2-Dichlorobenzene	10.000	10.933	-9.3	123	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.394	16.1	101	0.00
68		1,2,4-Trichlorobenzene	10.000	10.135	-1.3	129	0.00
69		Hexachlorobutadiene	10.000	9.809	1.9	122	0.00
70		Naphthalene	10.000	11.065	-10.6	136	0.00
71		1,2,3-Trichlorobenzene	10.000	10.586	-5.9	130	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10196 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190, 96, 97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	103	0.00
2		Dichlorodifluoromethane	0.519	0.551	-6.2	100	0.00
3	P	Chloromethane	0.169	0.159	5.9	98	0.00
4	CP	Vinyl chloride	0.176	0.203	-15.3	110	0.00
5		Bromomethane	0.245	0.201	18.0	79	0.00
6		Chloroethane	0.112	0.126	-12.5	104	0.00
7		Trichlorofluoromethane	0.837	0.950	-13.5	106	0.00
8		Acetone	0.027	0.030#	-11.1	112	0.00
9	CPM	1,1-Dichloroethene	0.230	0.272	-18.3	115	0.00
10		Methylene chloride	0.303	0.319	-5.3	111	0.00
11		trans-1,2-Dichloroethene	0.322	0.352	-9.3	107	0.00
12		Methyl tert-Butyl ether	0.459	0.465	-1.3	102	0.00
13	P	1,1-Dichloroethane	0.618	0.669	-8.3	106	0.00
		2-Butanone	0.050	0.044#	12.0	91	0.00
15		cis-1,2-Dichloroethene	0.349	0.381	-9.2	105	0.00
16		Bromochloromethane	0.211	0.218	-3.3	105	0.00
17	CP	Chloroform	0.838	0.853	-1.8	100	0.00
18		2,2-Dichloropropane	0.577	0.591	-2.4	102	0.00
19	S	Dibromofluoromethane	0.795	0.811	-2.0	100	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.303	2.6	97	0.00
21		1,2-Dichloroethane	0.376	0.362	3.7	96	0.00
22		1,1,1-Trichloroethane	0.738	0.770	-4.3	102	0.00
23		1,1-Dichloropropene	0.483	0.521	-7.9	105	0.00
24		Carbon tetrachloride	0.775	0.782	-0.9	97	0.00
25	M	Benzene	0.799	0.839	-5.0	105	0.00
26	M	Trichloroethene	0.480	0.506	-5.4	100	0.00
27		Dibromomethane	0.360	0.363	-0.8	99	0.00
28	CP	1,2-Dichloropropane	0.324	0.334	-3.1	102	0.00
29		Bromodichloromethane	0.899	0.915	-1.8	98	0.00
30		4-Methyl-2-pentanone	0.181	0.174	3.9	94	0.00
31		cis-1,3-Dichloropropene	0.520	0.535	-2.9	99	0.00
32	S	Toluene-d8	0.863	0.928	-7.5	104	0.00
33	CPM	Toluene	0.549	0.596	-8.6	105	0.00
34		trans-1,3-Dichloropropene	0.386	0.391	-1.3	101	0.00
35		1,1,2-Trichloroethane	0.239	0.248	-3.8	102	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
37		1,2-Dibromoethane	0.779	0.794	-1.9	101	0.00
		1,3-Dichloropropane	0.701	0.746	-6.4	106	0.00
39		Dibromochloromethane	1.249	1.261	-1.0	99	0.00
40		Tetrachloroethene	1.006	1.051	-4.5	102	0.00

(#) = Out of Range

7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190,96,97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.737	-11.0	107	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.860	-2.4	102	0.00
43	PM	Chlorobenzene	1.332	1.392	-4.5	101	0.00
44	CP	Ethylbenzene	1.851	1.955	-5.6	103	0.00
45		(m+p)-Xylene	0.683	0.725	-6.1	105	0.00
46		o-Xylene	0.708	0.760	-7.3	108	0.00
47		Styrene	1.195	1.267	-6.0	105	0.00
48	P	Bromoform	0.698	0.725	-3.9	102	0.00
49	S	Bromofluorobenzene	1.407	1.449	-3.0	105	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.893	-5.4	103	0.00
52		Isopropylbenzene	2.503	2.728	-9.0	105	0.00
		1,2,3-Trichloropropane	0.501	0.506	-1.0	102	0.00
54		Bromobenzene	0.984	0.995	-1.1	98	0.00
55		n-Propylbenzene	2.996	3.308	-10.4	103	0.00
56		2-Chlorotoluene	2.343	2.553	-9.0	108	0.00
57		4-Chlorotoluene	2.374	2.458	-3.5	95	0.00
58		1,3,5-Trimethylbenzene	1.923	2.021	-5.1	101	0.00
59		tert-Butylbenzene	2.016	2.197	-9.0	105	0.00
60		1,2,4-Trimethylbenzene	1.773	1.854	-4.6	101	0.00
61		sec-Butylbenzene	2.746	3.083	-12.3	105	0.00
62		1,3-Dichlorobenzene	1.606	1.721	-7.2	103	0.00
63		p-Isopropyltoluene	2.066	2.241	-8.5	103	0.00
64		1,4-Dichlorobenzene	1.487	1.598	-7.5	103	0.00
65		n-Butylbenzene	1.764	1.857	-5.3	100	0.00
66		1,2-Dichlorobenzene	1.443	1.600	-10.9	106	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.209	0.9	91	0.00
68		1,2,4-Trichlorobenzene	0.951	1.015	-6.7	103	0.00
69		Hexachlorobutadiene	0.835	0.912	-9.2	103	0.00
70		Naphthalene	0.749	0.712	4.9	98	0.00
71		1,2,3-Trichlorobenzene	0.859	0.879	-2.3	99	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190, 96, 97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	103	0.00
2		Dichlorodifluoromethane	10.000	10.620	-6.2	100	0.00
3	P	Chloromethane	10.000	9.365	6.3	98	0.00
4	CP	Vinyl chloride	10.000	11.330	-13.3	110	0.00
5		Bromomethane	10.000	8.192	18.1	79	0.00
6		Chloroethane	10.000	11.212	-12.1	104	0.00
7		Trichlorofluoromethane	10.000	11.351	-13.5	106	0.00
8		Acetone	20.000	22.101	-10.5	112	0.00
9	CPM	1,1-Dichloroethene	10.000	11.830	-18.3	115	0.00
10		Methylene chloride	10.000	10.539	-5.4	111	0.00
11		trans-1,2-Dichloroethene	10.000	10.924	-9.2	107	0.00
12		Methyl tert-Butyl ether	10.000	10.113	-1.1	102	0.00
13	P	1,1-Dichloroethane	10.000	10.838	-8.4	106	0.00
		2-Butanone	20.000	17.696	11.5	91	0.00
15		cis-1,2-Dichloroethene	10.000	10.932	-9.3	105	0.00
16		Bromochloromethane	10.000	10.312	-3.1	105	0.00
17	CP	Chloroform	10.000	10.175	-1.8	100	0.00
18		2,2-Dichloropropane	10.000	10.243	-2.4	102	0.00
19	S	Dibromofluoromethane	10.000	10.200	-2.0	100	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.750	2.5	97	0.00
21		1,2-Dichloroethane	10.000	9.641	3.6	96	0.00
22		1,1,1-Trichloroethane	10.000	10.443	-4.4	102	0.00
23		1,1-Dichloropropene	10.000	10.793	-7.9	105	0.00
24		Carbon tetrachloride	10.000	10.090	-0.9	97	0.00
25	M	Benzene	10.000	10.499	-5.0	105	0.00
26	M	Trichloroethene	10.000	10.529	-5.3	100	0.00
27		Dibromomethane	10.000	10.098	-1.0	99	0.00
28	CP	1,2-Dichloropropane	10.000	10.283	-2.8	102	0.00
29		Bromodichloromethane	10.000	10.177	-1.8	98	0.00
30		4-Methyl-2-pentanone	20.000	19.200	4.0	94	0.00
31		cis-1,3-Dichloropropene	10.000	10.293	-2.9	99	0.00
32	S	Toluene-d8	10.000	10.759	-7.6	104	0.00
33	CPM	Toluene	10.000	10.864	-8.6	105	0.00
34		trans-1,3-Dichloropropene	10.000	10.131	-1.3	101	0.00
35		1,1,2-Trichloroethane	10.000	10.400	-4.0	102	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	98	0.00
37		1,2-Dibromoethane	10.000	10.188	-1.9	101	0.00
38		1,3-Dichloropropane	10.000	10.643	-6.4	106	0.00
39		Dibromochloromethane	10.000	10.096	-1.0	99	0.00
40		Tetrachloroethene	10.000	10.442	-4.4	102	0.00

(#) = Out of Range

7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190, 96, 97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.098	-11.0	107	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.242	-2.4	102	0.00
43	PM	Chlorobenzene	10.000	10.446	-4.5	101	0.00
44	CP	Ethylbenzene	10.000	10.560	-5.6	103	0.00
45		(m+p)-Xylene	20.000	21.209	-6.0	105	0.00
46		o-Xylene	10.000	10.742	-7.4	108	0.00
47		Styrene	10.000	10.605	-6.1	105	0.00
48	P	Bromoform	10.000	10.379	-3.8	102	0.00
49	S	Bromofluorobenzene	10.000	10.298	-3.0	105	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	100	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.547	-5.5	103	0.00
52		Isopropylbenzene	10.000	10.896	-9.0	105	0.00
		1,2,3-Trichloropropane	10.000	10.111	-1.1	102	0.00
54		Bromobenzene	10.000	10.115	-1.2	98	0.00
55		n-Propylbenzene	10.000	11.044	-10.4	103	0.00
56		2-Chlorotoluene	10.000	10.896	-9.0	108	0.00
57		4-Chlorotoluene	10.000	10.352	-3.5	95	0.00
58		1,3,5-Trimethylbenzene	10.000	10.507	-5.1	101	0.00
59		tert-Butylbenzene	10.000	10.897	-9.0	105	0.00
60		1,2,4-Trimethylbenzene	10.000	10.455	-4.6	101	0.00
61		sec-Butylbenzene	10.000	11.227	-12.3	105	0.00
62		1,3-Dichlorobenzene	10.000	10.717	-7.2	103	0.00
63		p-Isopropyltoluene	10.000	10.849	-8.5	103	0.00
64		1,4-Dichlorobenzene	10.000	10.749	-7.5	103	0.00
65		n-Butylbenzene	10.000	10.525	-5.3	100	0.00
66		1,2-Dichlorobenzene	10.000	11.089	-10.9	106	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.889	1.1	91	0.00
68		1,2,4-Trichlorobenzene	10.000	10.668	-6.7	103	0.00
69		Hexachlorobutadiene	10.000	10.922	-9.2	103	0.00
70		Naphthalene	10.000	9.512	4.9	98	0.00
71		1,2,3-Trichlorobenzene	10.000	10.228	-2.3	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10207 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	107	0.00
2		Dichlorodifluoromethane	0.519	0.536	-3.3	101	0.00
3	P	Chloromethane	0.169	0.146	13.6	94	0.00
4	CP	Vinyl chloride	0.176	0.199	-13.1	112	0.00
5		Bromomethane	0.245	0.227	7.3	93	0.00
6		Chloroethane	0.112	0.127	-13.4	108	0.00
7		Trichlorofluoromethane	0.837	0.923	-10.3	107	0.00
8		Acetone	0.027	0.031#	-14.8	122	0.00
9	CPM	1,1-Dichloroethene	0.230	0.251	-9.1	110	0.00
10		Methylene chloride	0.303	0.319	-5.3	115	0.00
11		trans-1,2-Dichloroethene	0.322	0.338	-5.0	106	0.00
12		Methyl tert-Butyl ether	0.459	0.477	-3.9	109	0.00
13	P	1,1-Dichloroethane	0.618	0.669	-8.3	110	0.00
14		2-Butanone	0.050	0.047#	6.0	101	0.00
15		cis-1,2-Dichloroethene	0.349	0.377	-8.0	108	0.00
16		Bromochloromethane	0.211	0.225	-6.6	113	0.00
17	CP	Chloroform	0.838	0.853	-1.8	103	0.00
18		2,2-Dichloropropane	0.577	0.556	3.6	100	0.00
19	S	Dibromofluoromethane	0.795	0.822	-3.4	106	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.312	-0.3	104	0.00
21		1,2-Dichloroethane	0.376	0.379	-0.8	104	0.00
22		1,1,1-Trichloroethane	0.738	0.791	-7.2	108	0.00
23		1,1-Dichloropropene	0.483	0.518	-7.2	108	0.00
24		Carbon tetrachloride	0.775	0.797	-2.8	103	0.00
25	M	Benzene	0.799	0.868	-8.6	113	0.00
26	M	Trichloroethene	0.480	0.527	-9.8	108	0.00
27		Dibromomethane	0.360	0.360	0.0	101	0.00
28	CP	1,2-Dichloropropane	0.324	0.327	-0.9	103	0.00
29		Bromodichloromethane	0.899	0.906	-0.8	101	0.00
30		4-Methyl-2-pentanone	0.181	0.183	-1.1	102	0.00
31		cis-1,3-Dichloropropene	0.520	0.538	-3.5	103	0.00
32	S	Toluene-d8	0.863	0.927	-7.4	108	0.00
33	CPM	Toluene	0.549	0.584	-6.4	106	0.00
34		trans-1,3-Dichloropropene	0.386	0.375	2.8	100	0.00
35		1,1,2-Trichloroethane	0.239	0.240	-0.4	102	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
37		1,2-Dibromoethane	0.779	0.816	-4.7	106	0.00
38		1,3-Dichloropropane	0.701	0.735	-4.9	106	0.00
39		Dibromochloromethane	1.249	1.223	2.1	98	0.00
40		Tetrachloroethene	1.006	1.077	-7.1	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.716	-7.8	106	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.853	-1.5	103	0.00
43	PM	Chlorobenzene	1.332	1.375	-3.2	102	0.00
44	CP	Ethylbenzene	1.851	1.916	-3.5	102	0.00
45		(m+p)-Xylene	0.683	0.709	-3.8	105	0.00
46		o-Xylene	0.708	0.750	-5.9	109	0.00
47		Styrene	1.195	1.258	-5.3	106	0.00
48	P	Bromoform	0.698	0.693	0.7	99	0.00
49	S	Bromofluorobenzene	1.407	1.406	0.1	104	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.889	-5.0	104	0.00
52		Isopropylbenzene	2.503	2.761	-10.3	108	0.00
53		1,2,3-Trichloropropane	0.501	0.475	5.2	97	0.00
54		Bromobenzene	0.984	1.003	-1.9	100	0.00
55		n-Propylbenzene	2.996	3.372	-12.6	107	0.00
56		2-Chlorotoluene	2.343	2.759	-17.8	118	0.00
57		4-Chlorotoluene	2.374	2.180	8.2	85	0.00
58		1,3,5-Trimethylbenzene	1.923	2.007	-4.4	101	0.00
59		tert-Butylbenzene	2.016	2.170	-7.6	105	0.00
60		1,2,4-Trimethylbenzene	1.773	1.834	-3.4	102	0.00
61		sec-Butylbenzene	2.746	2.949	-7.4	102	0.00
62		1,3-Dichlorobenzene	1.606	1.699	-5.8	104	0.00
63		p-Isopropyltoluene	2.066	2.182	-5.6	101	0.00
64		1,4-Dichlorobenzene	1.487	1.573	-5.8	103	0.00
65		n-Butylbenzene	1.764	1.833	-3.9	100	0.00
66		1,2-Dichlorobenzene	1.443	1.537	-6.5	103	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.214	-1.4	94	0.00
68		1,2,4-Trichlorobenzene	0.951	1.000	-5.2	103	0.00
69		Hexachlorobutadiene	0.835	0.917	-9.8	106	0.00
70		Naphthalene	0.749	0.703	6.1	98	0.00
71		1,2,3-Trichlorobenzene	0.859	0.871	-1.4	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	107	0.00
2		Dichlorodifluoromethane	10.000	10.327	-3.3	101	0.00
3	P	Chloromethane	10.000	8.651	13.5	94	0.00
4	CP	Vinyl chloride	10.000	11.090	-10.9	112	0.00
5		Bromomethane	10.000	9.262	7.4	93	0.00
6		Chloroethane	10.000	11.299	-13.0	108	0.00
7		Trichlorofluoromethane	10.000	11.027	-10.3	107	0.00
8		Acetone	20.000	23.060	-15.3	122	0.00
9	CPM	1,1-Dichloroethene	10.000	10.905	-9.0	110	0.00
10		Methylene chloride	10.000	10.537	-5.4	115	0.00
11		trans-1,2-Dichloroethene	10.000	10.500	-5.0	106	0.00
12		Methyl tert-Butyl ether	10.000	10.387	-3.9	109	0.00
13	P	1,1-Dichloroethane	10.000	10.831	-8.3	110	0.00
14		2-Butanone	20.000	18.868	5.7	101	0.00
15		cis-1,2-Dichloroethene	10.000	10.819	-8.2	108	0.00
16		Bromochloromethane	10.000	10.656	-6.6	113	0.00
17	CP	Chloroform	10.000	10.169	-1.7	103	0.00
18		2,2-Dichloropropane	10.000	9.623	3.8	100	0.00
19	S	Dibromofluoromethane	10.000	10.346	-3.5	106	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.042	-0.4	104	0.00
21		1,2-Dichloroethane	10.000	10.080	-0.8	104	0.00
22		1,1,1-Trichloroethane	10.000	10.716	-7.2	108	0.00
23		1,1-Dichloropropene	10.000	10.733	-7.3	108	0.00
24		Carbon tetrachloride	10.000	10.284	-2.8	103	0.00
25	M	Benzene	10.000	10.860	-8.6	113	0.00
26	M	Trichloroethene	10.000	10.978	-9.8	108	0.00
27		Dibromomethane	10.000	10.020	-0.2	101	0.00
28	CP	1,2-Dichloropropane	10.000	10.089	-0.9	103	0.00
29		Bromodichloromethane	10.000	10.081	-0.8	101	0.00
30		4-Methyl-2-pentanone	20.000	20.157	-0.8	102	0.00
31		cis-1,3-Dichloropropene	10.000	10.353	-3.5	103	0.00
32	S	Toluene-d8	10.000	10.740	-7.4	108	0.00
33	CPM	Toluene	10.000	10.635	-6.3	106	0.00
34		trans-1,3-Dichloropropene	10.000	9.705	2.9	100	0.00
35		1,1,2-Trichloroethane	10.000	10.073	-0.7	102	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	100	0.00
37		1,2-Dibromoethane	10.000	10.479	-4.8	106	0.00
38		1,3-Dichloropropane	10.000	10.494	-4.9	106	0.00
39		Dibromochloromethane	10.000	9.790	2.1	98	0.00
40		Tetrachloroethene	10.000	10.707	-7.1	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.780	-7.8	106	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.150	-1.5	103	0.00
43	PM	Chlorobenzene	10.000	10.319	-3.2	102	0.00
44	CP	Ethylbenzene	10.000	10.347	-3.5	102	0.00
45		(m+p)-Xylene	20.000	20.768	-3.8	105	0.00
46		o-Xylene	10.000	10.596	-6.0	109	0.00
47		Styrene	10.000	10.533	-5.3	106	0.00
48	P	Bromoform	10.000	9.923	0.8	99	0.00
49	S	Bromofluorobenzene	10.000	9.995	0.1	104	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	102	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.497	-5.0	104	0.00
52		Isopropylbenzene	10.000	11.029	-10.3	108	0.00
53		1,2,3-Trichloropropane	10.000	11.112	-11.1	114	0.00
54		Bromobenzene	10.000	10.195	-2.0	100	0.00
55		n-Propylbenzene	10.000	11.257	-12.6	107	0.00
56		2-Chlorotoluene	10.000	11.773	-17.7	118	0.00
57		4-Chlorotoluene	10.000	9.179	8.2	85	0.00
58		1,3,5-Trimethylbenzene	10.000	10.439	-4.4	101	0.00
59		tert-Butylbenzene	10.000	10.766	-7.7	105	0.00
60		1,2,4-Trimethylbenzene	10.000	10.344	-3.4	102	0.00
61		sec-Butylbenzene	10.000	10.739	-7.4	102	0.00
62		1,3-Dichlorobenzene	10.000	10.580	-5.8	104	0.00
63		p-Isopropyltoluene	10.000	10.562	-5.6	101	0.00
64		1,4-Dichlorobenzene	10.000	10.578	-5.8	103	0.00
65		n-Butylbenzene	10.000	10.392	-3.9	100	0.00
66		1,2-Dichlorobenzene	10.000	10.647	-6.5	103	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.139	-1.4	94	0.00
68		1,2,4-Trichlorobenzene	10.000	10.509	-5.1	103	0.00
69		Hexachlorobutadiene	10.000	10.981	-9.8	106	0.00
70		Naphthalene	10.000	9.391	6.1	98	0.00
71		1,2,3-Trichlorobenzene	10.000	10.140	-1.4	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10059
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10059
Initial Calibration ID:	963	**File ID:**	J3338.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.000510	0.00500	F
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.000680	0.00500	F
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00030	0.0500	U
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10059
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10059
Initial Calibration ID:	963	**File ID:**	J3338.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00214	0.00500	F
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00142	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.000510	0.00500	F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	91	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10059
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10059
Initial Calibration ID:	963	**File ID:**	J3338.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1900275	1059709 - 4238836	
Chlorobenzene-d5	3249228	1579958 - 6319834	
Fluorobenzene	9043481	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10069
Initial Calibration ID:	990	**File ID:**	J3402.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.000800	0.00500	F
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.000520	0.00500	F
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00158	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10069
Initial Calibration ID:	990	**File ID:**	J3402.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00253	0.00500	FB
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00160	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.000990	0.00500	F
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	97	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10069
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10069
Initial Calibration ID:	990	**File ID:**	J3402.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1197187	685144 - 2740574	
Chlorobenzene-d5	2012063	1005325 - 4021300	
Fluorobenzene	5820616	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10077
Initial Calibration ID:	986	**File ID:**	T9165.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10077
Initial Calibration ID:	986	**File ID:**	T9165.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0950	0.500	F
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.500	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	77	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	69	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10077
Initial Calibration ID:	986	**File ID:**	T9165.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	765137	353482 - 1413926	
Chlorobenzene-d5	943445	383378 - 1533514	
Fluorobenzene	2403886	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10091
Initial Calibration ID:	990	**File ID:**	J3418.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.000620	0.00500	F
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00206	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10091
Initial Calibration ID:	990	**File ID:**	J3418.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00365	0.00500	FB
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00138	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00006	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00155	0.00500	F
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10091
Initial Calibration ID:	990	**File ID:**	J3418.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1176006	685144 - 2740574	
Chlorobenzene-d5	1967432	1005325 - 4021300	
Fluorobenzene	5503896	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	79	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	94	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	728082	353482 - 1413926	
Chlorobenzene-d5	871682	383378 - 1533514	
Fluorobenzene	2233354	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10196
Initial Calibration ID:	992	**File ID:**	M1273.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10196
Initial Calibration ID:	992	**File ID:**	M1273.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0800	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0750	0.500	F
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	100	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10196
Initial Calibration ID:	992	**File ID:**	M1273.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2859200	1128046 - 4512186	
Chlorobenzene-d5	3287065	1392345 - 5569380	
Fluorobenzene	5791052	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10207
Initial Calibration ID:	992	**File ID:**	M1297.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10207
Initial Calibration ID:	992	**File ID:**	M1297.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0675	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	98	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10207
Initial Calibration ID:	992	**File ID:**	M1297.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	3028128	1128046 - 4512186	
Chlorobenzene-d5	3530719	1392345 - 5569380	
Fluorobenzene	5991451	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5630
Initial Calibration ID:	986	**File ID:**	T9111.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5630
Initial Calibration ID:	986	**File ID:**	T9111.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	101	84 - 118	
Dibromofluoromethane	113	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5630
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5630
Initial Calibration ID:	986	**File ID:**	T9111.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	118	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	455558	353482 - 1413926	
Chlorobenzene-d5	610946	383378 - 1533514	
Fluorobenzene	1508904	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5645
Initial Calibration ID:	986	**File ID:**	T9169.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5645
Initial Calibration ID:	986	**File ID:**	T9169.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	52 - 149	
4-Bromofluorobenzene	101	84 - 118	
Dibromofluoromethane	106	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5645
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5645
Initial Calibration ID:	986	**File ID:**	T9169.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	116	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	528962	353482 - 1413926	
Chlorobenzene-d5	740771	383378 - 1533514	
Fluorobenzene	1903121	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10059

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10059 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3335.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.104	104	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0419	84	74 - 125	
1,1,1-Trichloroethane	0.05	0.0460	92	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0470	94	59 - 140	
1,1,2-Trichloroethane	0.05	0.0458	92	62 - 127	
1,1-Dichloroethane	0.05	0.0476	95	73 - 125	
1,1-Dichloroethene	0.05	0.0472	94	65 - 136	
1,1-Dichloropropene	0.05	0.0493	99	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0463	93	62 - 133	
1,2,3-Trichloropropane	0.05	0.0444	89	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0477	95	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0519	104	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0468	94	49 - 135	
1,2-Dibromoethane	0.05	0.0424	85	70 - 124	
1,2-Dichlorobenzene	0.05	0.0483	97	74 - 120	
1,2-Dichloroethane	0.05	0.0454	91	72 - 137	
1,2-Dichloropropane	0.05	0.0463	93	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0519	104	65 - 133	
1,3-Dichlorobenzene	0.05	0.0484	97	72 - 124	
1,3-Dichloropropane	0.05	0.0460	92	76 - 123	
1,4-Dichlorobenzene	0.05	0.0487	97	72 - 125	
1-Chlorohexane	0.05	0.0528	106	60 - 135	
2,2-Dichloropropane	0.05	0.0489	98	67 - 134	
2-Butanone	0.1	0.0833	83	40 - 135	
2-Chlorotoluene	0.05	0.0512	102	69 - 128	
4-Chlorotoluene	0.05	0.0515	103	73 - 126	
4-Methyl-2-pentanone	0.1	0.0887	89	47 - 147	
Acetone	0.1	0.101	101	40 - 141	
Benzene	0.05	0.0449	90	73 - 126	
Bromobenzene	0.05	0.0458	92	66 - 121	
Bromochloromethane	0.05	0.0437	87	71 - 127	
Bromodichloromethane	0.05	0.0481	96	72 - 128	
Bromoform	0.05	0.0452	90	66 - 137	
Bromomethane	0.05	0.0493	99	45 - 141	
Carbon tetrachloride	0.05	0.0458	92	67 - 133	
Chlorobenzene	0.05	0.0495	99	75 - 123	
Chloroethane	0.05	0.0681	136	41 - 141	
Chloroform	0.05	0.0472	94	72 - 124	
Chloromethane	0.05	0.0470	94	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0470	94	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0455	91	72 - 126	
Dibromochloromethane	0.05	0.0406	81	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10059

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10059 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3335.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0443	89	73 - 128	
Dichlorodifluoromethane	0.05	0.0356	71	34 - 136	
Ethylbenzene	0.05	0.0464	93	74 - 127	
Hexachlorobutadiene	0.05	0.0460	92	53 - 142	
Isopropylbenzene	0.05	0.0475	95	77 - 129	
Methyl tert-butyl ether	0.05	0.0460	92	50 - 135	
Methylene chloride	0.05	0.0468	94	63 - 137	
n-Butylbenzene	0.05	0.0554	111	65 - 138	
n-Propylbenzene	0.05	0.0489	98	63 - 135	
Naphthalene	0.05	0.0514	103	51 - 135	
o-Xylene	0.05	0.0445	89	77 - 125	
p-Isopropyltoluene	0.05	0.0456	91	75 - 133	
sec-Butylbenzene	0.05	0.0476	95	63 - 132	
Styrene	0.05	0.0474	95	74 - 128	
tert-Butylbenzene	0.05	0.0529	106	65 - 132	
Tetrachloroethene	0.05	0.0430	86	67 - 139	
Toluene	0.05	0.0510	102	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0460	92	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0455	91	65 - 127	
Trichloroethene	0.05	0.0467	93	77 - 124	
Trichlorofluoromethane	0.05	0.0604	121	49 - 139	
Vinyl chloride	0.05	0.0452	90	58 - 126	
Xylenes (total)	0.15	0.149	99	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	96	84 - 118	
Dibromofluoromethane	99	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2134234	1059709 - 4238836	
Chlorobenzene-d5	3281912	1579958 - 6319834	
Fluorobenzene	8613034	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3412.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0954	95	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0420	84	74 - 125	
1,1,1-Trichloroethane	0.05	0.0477	95	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0454	91	59 - 140	
1,1,2-Trichloroethane	0.05	0.0437	87	62 - 127	
1,1-Dichloroethane	0.05	0.0463	93	73 - 125	
1,1-Dichloroethene	0.05	0.0487	97	65 - 136	
1,1-Dichloropropene	0.05	0.0486	97	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0519	104	62 - 133	
1,2,3-Trichloropropane	0.05	0.0416	83	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0550	110	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0470	94	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0513	103	49 - 135	
1,2-Dibromoethane	0.05	0.0424	85	70 - 124	
1,2-Dichlorobenzene	0.05	0.0457	91	74 - 120	
1,2-Dichloroethane	0.05	0.0452	90	72 - 137	
1,2-Dichloropropane	0.05	0.0449	90	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0469	94	65 - 133	
1,3-Dichlorobenzene	0.05	0.0450	90	72 - 124	
1,3-Dichloropropane	0.05	0.0441	88	76 - 123	
1,4-Dichlorobenzene	0.05	0.0439	88	72 - 125	
1-Chlorohexane	0.05	0.0496	99	60 - 135	
2,2-Dichloropropane	0.05	0.0475	95	67 - 134	
2-Butanone	0.1	0.0996	100	40 - 135	
2-Chlorotoluene	0.05	0.0455	91	69 - 128	
4-Chlorotoluene	0.05	0.0459	92	73 - 126	
4-Methyl-2-pentanone	0.1	0.0846	85	47 - 147	
Acetone	0.1	0.0962	96	40 - 141	
Benzene	0.05	0.0477	95	73 - 126	
Bromobenzene	0.05	0.0440	88	66 - 121	
Bromochloromethane	0.05	0.0453	91	71 - 127	
Bromodichloromethane	0.05	0.0422	84	72 - 128	
Bromoform	0.05	0.0443	89	66 - 137	
Bromomethane	0.05	0.0496	99	45 - 141	
Carbon tetrachloride	0.05	0.0498	100	67 - 133	
Chlorobenzene	0.05	0.0456	91	75 - 123	
Chloroethane	0.05	0.0460	92	41 - 141	
Chloroform	0.05	0.0460	92	72 - 124	
Chloromethane	0.05	0.0497	99	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0465	93	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0427	85	72 - 126	
Dibromochloromethane	0.05	0.0397	79	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3412.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0446	89	73 - 128	
Dichlorodifluoromethane	0.05	0.0575	115	34 - 136	
Ethylbenzene	0.05	0.0485	97	74 - 127	
Hexachlorobutadiene	0.05	0.0511	102	53 - 142	
Isopropylbenzene	0.05	0.0482	96	77 - 129	
Methyl tert-butyl ether	0.05	0.0465	93	50 - 135	
Methylene chloride	0.05	0.0446	89	63 - 137	
n-Butylbenzene	0.05	0.0472	94	65 - 138	
n-Propylbenzene	0.05	0.0482	96	63 - 135	
Naphthalene	0.05	0.0509	102	51 - 135	
o-Xylene	0.05	0.0471	94	77 - 125	
p-Isopropyltoluene	0.05	0.0480	96	75 - 133	
sec-Butylbenzene	0.05	0.0485	97	63 - 132	
Styrene	0.05	0.0438	88	74 - 128	
tert-Butylbenzene	0.05	0.0472	94	65 - 132	
Tetrachloroethene	0.05	0.0473	95	67 - 139	
Toluene	0.05	0.0439	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0476	95	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0415	83	65 - 127	
Trichloroethene	0.05	0.0455	91	77 - 124	
Trichlorofluoromethane	0.05	0.0477	95	49 - 139	
Vinyl chloride	0.05	0.0492	98	58 - 126	
Xylenes (total)	0.15	0.142	95	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1578968	685144 - 2740574	
Chlorobenzene-d5	2315039	1005325 - 4021300	
Fluorobenzene	6154403	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10077 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9163.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.77	115	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.63	105	74 - 125	
1,1,1-Trichloroethane	2.5	2.24	90	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.00	80	59 - 140	
1,1,2-Trichloroethane	2.5	2.34	94	62 - 127	
1,1-Dichloroethane	2.5	2.17	87	73 - 125	
1,1-Dichloroethene	2.5	2.71	108	65 - 136	
1,1-Dichloropropene	2.5	2.39	95	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.47	99	62 - 133	
1,2,3-Trichloropropane	2.5	2.12	85	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.43	97	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.54	102	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	1.89	76	49 - 135	
1,2-Dibromoethane	2.5	2.70	108	70 - 124	
1,2-Dichlorobenzene	2.5	2.62	105	74 - 120	
1,2-Dichloroethane	2.5	1.90	76	72 - 137	
1,2-Dichloropropane	2.5	2.25	90	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.54	102	65 - 133	
1,3-Dichlorobenzene	2.5	2.61	104	72 - 124	
1,3-Dichloropropane	2.5	2.46	98	76 - 123	
1,4-Dichlorobenzene	2.5	2.53	101	72 - 125	
1-Chlorohexane	2.5	2.64	106	60 - 135	
2,2-Dichloropropane	2.5	1.74	70	67 - 134	
2-Butanone	5	3.80	76	40 - 135	
2-Chlorotoluene	2.5	2.40	96	69 - 128	
4-Chlorotoluene	2.5	2.41	96	73 - 126	
4-Methyl-2-pentanone	5	3.66	73	47 - 147	
Acetone	5	4.15	83	40 - 141	
Benzene	2.5	2.45	98	73 - 126	
Bromobenzene	2.5	2.60	104	66 - 121	
Bromochloromethane	2.5	2.52	101	71 - 127	
Bromodichloromethane	2.5	2.06	82	72 - 128	
Bromoform	2.5	2.33	93	66 - 137	
Bromomethane	2.5	2.26	90	45 - 141	
Carbon tetrachloride	2.5	2.16	86	67 - 133	
Chlorobenzene	2.5	2.84	114	75 - 123	
Chloroethane	2.5	2.54	102	41 - 141	
Chloroform	2.5	2.14	86	72 - 124	
Chloromethane	2.5	2.30	92	51 - 129	
cis-1,2-Dichloroethene	2.5	2.60	104	67 - 125	
cis-1,3-Dichloropropene	2.5	2.20	88	72 - 126	
Dibromochloromethane	2.5	2.45	98	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10077 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9163.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.13	85	73 - 128	
Dichlorodifluoromethane	2.5	2.49	100	34 - 136	
Ethylbenzene	2.5	2.72	109	74 - 127	
Hexachlorobutadiene	2.5	2.23	89	53 - 142	
Isopropylbenzene	2.5	2.62	105	77 - 129	
Methyl tert-butyl ether	2.5	2.29	92	50 - 135	
Methylene chloride	2.5	2.44	98	63 - 137	
n-Butylbenzene	2.5	2.21	88	65 - 138	
n-Propylbenzene	2.5	2.54	102	63 - 135	
Naphthalene	2.5	2.54	101	51 - 135	
o-Xylene	2.5	2.87	115	77 - 125	
p-Isopropyltoluene	2.5	2.60	104	75 - 133	
sec-Butylbenzene	2.5	2.66	106	63 - 132	
Styrene	2.5	2.57	103	74 - 128	
tert-Butylbenzene	2.5	2.53	101	65 - 132	
Tetrachloroethene	2.5	2.95	118	67 - 139	
Toluene	2.5	2.61	104	71 - 127	
trans-1,2-Dichloroethene	2.5	2.60	104	66 - 134	
trans-1,3-Dichloropropene	2.5	2.13	85	65 - 127	
Trichloroethene	2.5	2.59	104	77 - 124	
Trichlorofluoromethane	2.5	2.05	82	49 - 139	
Vinyl chloride	2.5	2.55	102	58 - 126	
Xylenes (total)	7.5	8.64	115	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	92	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	984209	353482 - 1413926	
Chlorobenzene-d5	996580	383378 - 1533514	
Fluorobenzene	2516511	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10091 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3433.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0896	90	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0440	88	74 - 125	
1,1,1-Trichloroethane	0.05	0.0451	90	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0544	109	59 - 140	
1,1,2-Trichloroethane	0.05	0.0488	98	62 - 127	
1,1-Dichloroethane	0.05	0.0458	92	73 - 125	
1,1-Dichloroethene	0.05	0.0438	88	65 - 136	
1,1-Dichloropropene	0.05	0.0440	88	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0516	103	62 - 133	
1,2,3-Trichloropropane	0.05	0.0511	102	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0502	100	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0488	98	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0660	132	49 - 135	
1,2-Dibromoethane	0.05	0.0476	95	70 - 124	
1,2-Dichlorobenzene	0.05	0.0485	97	74 - 120	
1,2-Dichloroethane	0.05	0.0491	98	72 - 137	
1,2-Dichloropropane	0.05	0.0479	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0471	94	65 - 133	
1,3-Dichlorobenzene	0.05	0.0450	90	72 - 124	
1,3-Dichloropropane	0.05	0.0487	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0446	89	72 - 125	
1-Chlorohexane	0.05	0.0429	86	60 - 135	
2,2-Dichloropropane	0.05	0.0434	87	67 - 134	
2-Butanone	0.1	0.112	112	40 - 135	
2-Chlorotoluene	0.05	0.0463	93	69 - 128	
4-Chlorotoluene	0.05	0.0459	92	73 - 126	
4-Methyl-2-pentanone	0.1	0.0948	95	47 - 147	
Acetone	0.1	0.105	105	40 - 141	
Benzene	0.05	0.0477	95	73 - 126	
Bromobenzene	0.05	0.0476	95	66 - 121	
Bromochloromethane	0.05	0.0487	97	71 - 127	
Bromodichloromethane	0.05	0.0436	87	72 - 128	
Bromoform	0.05	0.0487	97	66 - 137	
Bromomethane	0.05	0.0492	98	45 - 141	
Carbon tetrachloride	0.05	0.0447	89	67 - 133	
Chlorobenzene	0.05	0.0469	94	75 - 123	
Chloroethane	0.05	0.0443	89	41 - 141	
Chloroform	0.05	0.0464	93	72 - 124	
Chloromethane	0.05	0.0420	84	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0477	95	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0448	90	72 - 126	
Dibromochloromethane	0.05	0.0430	86	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10091 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3433.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0490	98	73 - 128	
Dichlorodifluoromethane	0.05	0.0485	97	34 - 136	
Ethylbenzene	0.05	0.0460	92	74 - 127	
Hexachlorobutadiene	0.05	0.0448	90	53 - 142	
Isopropylbenzene	0.05	0.0483	97	77 - 129	
Methyl tert-butyl ether	0.05	0.0520	104	50 - 135	
Methylene chloride	0.05	0.0470	94	63 - 137	
n-Butylbenzene	0.05	0.0414	83	65 - 138	
n-Propylbenzene	0.05	0.0462	92	63 - 135	
Naphthalene	0.05	0.0724	145	51 - 135	*
o-Xylene	0.05	0.0469	94	77 - 125	
p-Isopropyltoluene	0.05	0.0446	89	75 - 133	
sec-Butylbenzene	0.05	0.0462	92	63 - 132	
Styrene	0.05	0.0441	88	74 - 128	
tert-Butylbenzene	0.05	0.0474	95	65 - 132	
Tetrachloroethene	0.05	0.0421	84	67 - 139	
Toluene	0.05	0.0440	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0456	91	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0442	88	65 - 127	
Trichloroethene	0.05	0.0432	86	77 - 124	
Trichlorofluoromethane	0.05	0.0372	74	49 - 139	
Vinyl chloride	0.05	0.0454	91	58 - 126	
Xylenes (total)	0.15	0.136	91	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1462463	685144 - 2740574	
Chlorobenzene-d5	2302656	1005325 - 4021300	
Fluorobenzene	6096383	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9183.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	6.04	121	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.64	106	74 - 125	
1,1,1-Trichloroethane	2.5	2.26	90	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.29	92	59 - 140	
1,1,2-Trichloroethane	2.5	2.45	98	62 - 127	
1,1-Dichloroethane	2.5	2.26	90	73 - 125	
1,1-Dichloroethene	2.5	2.80	112	65 - 136	
1,1-Dichloropropene	2.5	2.41	96	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.51	101	62 - 133	
1,2,3-Trichloropropane	2.5	2.15	86	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.52	101	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.54	102	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.03	81	49 - 135	
1,2-Dibromoethane	2.5	2.77	111	70 - 124	
1,2-Dichlorobenzene	2.5	2.67	107	74 - 120	
1,2-Dichloroethane	2.5	1.92	77	72 - 137	
1,2-Dichloropropane	2.5	2.28	91	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.55	102	65 - 133	
1,3-Dichlorobenzene	2.5	2.66	106	72 - 124	
1,3-Dichloropropane	2.5	2.54	102	76 - 123	
1,4-Dichlorobenzene	2.5	2.56	102	72 - 125	
1-Chlorohexane	2.5	2.79	112	60 - 135	
2,2-Dichloropropane	2.5	2.24	90	67 - 134	
2-Butanone	5	4.27	85	40 - 135	
2-Chlorotoluene	2.5	2.40	96	69 - 128	
4-Chlorotoluene	2.5	2.42	97	73 - 126	
4-Methyl-2-pentanone	5	4.05	81	47 - 147	
Acetone	5	4.48	90	40 - 141	
Benzene	2.5	2.48	99	73 - 126	
Bromobenzene	2.5	2.58	103	66 - 121	
Bromochloromethane	2.5	2.60	104	71 - 127	
Bromodichloromethane	2.5	2.10	84	72 - 128	
Bromoform	2.5	2.45	98	66 - 137	
Bromomethane	2.5	2.21	88	45 - 141	
Carbon tetrachloride	2.5	2.21	88	67 - 133	
Chlorobenzene	2.5	2.90	116	75 - 123	
Chloroethane	2.5	2.50	100	41 - 141	
Chloroform	2.5	2.21	88	72 - 124	
Chloromethane	2.5	2.29	92	51 - 129	
cis-1,2-Dichloroethene	2.5	2.62	105	67 - 125	
cis-1,3-Dichloropropene	2.5	2.38	95	72 - 126	
Dibromochloromethane	2.5	2.52	101	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9183.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.23	89	73 - 128	
Dichlorodifluoromethane	2.5	2.46	98	34 - 136	
Ethylbenzene	2.5	2.75	110	74 - 127	
Hexachlorobutadiene	2.5	2.36	94	53 - 142	
Isopropylbenzene	2.5	2.61	104	77 - 129	
Methyl tert-butyl ether	2.5	2.40	96	50 - 135	
Methylene chloride	2.5	2.53	101	63 - 137	
n-Butylbenzene	2.5	2.28	91	65 - 138	
n-Propylbenzene	2.5	2.58	103	63 - 135	
Naphthalene	2.5	2.70	108	51 - 135	
o-Xylene	2.5	2.94	118	77 - 125	
p-Isopropyltoluene	2.5	2.65	106	75 - 133	
sec-Butylbenzene	2.5	2.69	108	63 - 132	
Styrene	2.5	2.64	106	74 - 128	
tert-Butylbenzene	2.5	2.55	102	65 - 132	
Tetrachloroethene	2.5	2.97	119	67 - 139	
Toluene	2.5	2.66	106	71 - 127	
trans-1,2-Dichloroethene	2.5	2.71	108	66 - 134	
trans-1,3-Dichloropropene	2.5	2.31	92	65 - 127	
Trichloroethene	2.5	2.39	96	77 - 124	
Trichlorofluoromethane	2.5	2.05	82	49 - 139	
Vinyl chloride	2.5	2.52	101	58 - 126	
Xylenes (total)	7.5	8.98	120	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	984533	353482 - 1413926	
Chlorobenzene-d5	967358	383378 - 1533514	
Fluorobenzene	2409712	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10196 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1272.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.02	100	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.40	96	74 - 125	
1,1,1-Trichloroethane	2.5	2.48	99	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.47	99	59 - 140	
1,1,2-Trichloroethane	2.5	2.39	96	62 - 127	
1,1-Dichloroethane	2.5	2.62	105	73 - 125	
1,1-Dichloroethene	2.5	2.78	111	65 - 136	
1,1-Dichloropropene	2.5	2.55	102	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.49	100	62 - 133	
1,2,3-Trichloropropane	2.5	2.32	93	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.53	101	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.46	98	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.38	95	49 - 135	
1,2-Dibromoethane	2.5	2.46	98	70 - 124	
1,2-Dichlorobenzene	2.5	2.65	106	74 - 120	
1,2-Dichloroethane	2.5	2.39	96	72 - 137	
1,2-Dichloropropane	2.5	2.53	101	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.49	100	65 - 133	
1,3-Dichlorobenzene	2.5	2.58	103	72 - 124	
1,3-Dichloropropane	2.5	2.52	101	76 - 123	
1,4-Dichlorobenzene	2.5	2.50	100	72 - 125	
1-Chlorohexane	2.5	2.68	107	60 - 135	
2,2-Dichloropropane	2.5	2.42	97	67 - 134	
2-Butanone	5	4.71	94	40 - 135	
2-Chlorotoluene	2.5	2.83	113	69 - 128	
4-Chlorotoluene	2.5	2.21	88	73 - 126	
4-Methyl-2-pentanone	5	4.69	94	47 - 147	
Acetone	5	5.78	116	40 - 141	
Benzene	2.5	2.60	104	73 - 126	
Bromobenzene	2.5	2.43	97	66 - 121	
Bromochloromethane	2.5	2.45	98	71 - 127	
Bromodichloromethane	2.5	2.47	99	72 - 128	
Bromoform	2.5	2.44	98	66 - 137	
Bromomethane	2.5	2.11	84	45 - 141	
Carbon tetrachloride	2.5	2.48	99	67 - 133	
Chlorobenzene	2.5	2.49	100	75 - 123	
Chloroethane	2.5	2.80	112	41 - 141	
Chloroform	2.5	2.49	100	72 - 124	
Chloromethane	2.5	2.54	102	51 - 129	
cis-1,2-Dichloroethene	2.5	2.52	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.46	98	72 - 126	
Dibromochloromethane	2.5	2.38	95	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10196 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1272.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.50	100	73 - 128	
Dichlorodifluoromethane	2.5	2.30	92	34 - 136	
Ethylbenzene	2.5	2.47	99	74 - 127	
Hexachlorobutadiene	2.5	2.60	104	53 - 142	
Isopropylbenzene	2.5	2.58	103	77 - 129	
Methyl tert-butyl ether	2.5	2.48	99	50 - 135	
Methylene chloride	2.5	2.48	99	63 - 137	
n-Butylbenzene	2.5	2.58	103	65 - 138	
n-Propylbenzene	2.5	2.63	105	63 - 135	
Naphthalene	2.5	2.30	92	51 - 135	
o-Xylene	2.5	2.54	102	77 - 125	
p-Isopropyltoluene	2.5	2.58	103	75 - 133	
sec-Butylbenzene	2.5	2.65	106	63 - 132	
Styrene	2.5	2.54	101	74 - 128	
tert-Butylbenzene	2.5	2.55	102	65 - 132	
Tetrachloroethene	2.5	2.54	102	67 - 139	
Toluene	2.5	2.54	102	71 - 127	
trans-1,2-Dichloroethene	2.5	2.63	105	66 - 134	
trans-1,3-Dichloropropene	2.5	2.43	97	65 - 127	
Trichloroethene	2.5	2.57	103	77 - 124	
Trichlorofluoromethane	2.5	2.62	105	49 - 139	
Vinyl chloride	2.5	2.82	113	58 - 126	
Xylenes (total)	7.5	7.56	101	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	93	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2538812	1128046 - 4512186	
Chlorobenzene-d5	3034122	1392345 - 5569380	
Fluorobenzene	5318279	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10207 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1293.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.14	103	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.43	97	74 - 125	
1,1,1-Trichloroethane	2.5	2.46	98	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.49	100	59 - 140	
1,1,2-Trichloroethane	2.5	2.51	101	62 - 127	
1,1-Dichloroethane	2.5	2.60	104	73 - 125	
1,1-Dichloroethene	2.5	2.61	104	65 - 136	
1,1-Dichloropropene	2.5	2.55	102	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.51	101	62 - 133	
1,2,3-Trichloropropane	2.5	2.35	94	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.65	106	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.48	99	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.46	98	49 - 135	
1,2-Dibromoethane	2.5	2.44	98	70 - 124	
1,2-Dichlorobenzene	2.5	2.52	101	74 - 120	
1,2-Dichloroethane	2.5	2.39	96	72 - 137	
1,2-Dichloropropane	2.5	2.46	99	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.53	101	65 - 133	
1,3-Dichlorobenzene	2.5	2.56	103	72 - 124	
1,3-Dichloropropane	2.5	2.48	99	76 - 123	
1,4-Dichlorobenzene	2.5	2.54	102	72 - 125	
1-Chlorohexane	2.5	2.64	106	60 - 135	
2,2-Dichloropropane	2.5	2.19	88	67 - 134	
2-Butanone	5	4.79	96	40 - 135	
2-Chlorotoluene	2.5	2.55	102	69 - 128	
4-Chlorotoluene	2.5	2.52	101	73 - 126	
4-Methyl-2-pentanone	5	4.67	93	47 - 147	
Acetone	5	5.86	117	40 - 141	
Benzene	2.5	2.52	101	73 - 126	
Bromobenzene	2.5	2.47	99	66 - 121	
Bromochloromethane	2.5	2.50	100	71 - 127	
Bromodichloromethane	2.5	2.50	100	72 - 128	
Bromoform	2.5	2.39	96	66 - 137	
Bromomethane	2.5	2.42	97	45 - 141	
Carbon tetrachloride	2.5	2.51	100	67 - 133	
Chlorobenzene	2.5	2.47	99	75 - 123	
Chloroethane	2.5	2.74	110	41 - 141	
Chloroform	2.5	2.47	99	72 - 124	
Chloromethane	2.5	2.55	102	51 - 129	
cis-1,2-Dichloroethene	2.5	2.58	103	67 - 125	
cis-1,3-Dichloropropene	2.5	2.42	97	72 - 126	
Dibromochloromethane	2.5	2.40	96	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10207 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1293.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.37	95	73 - 128	
Dichlorodifluoromethane	2.5	2.96	118	34 - 136	
Ethylbenzene	2.5	2.54	102	74 - 127	
Hexachlorobutadiene	2.5	2.59	104	53 - 142	
Isopropylbenzene	2.5	2.64	106	77 - 129	
Methyl tert-butyl ether	2.5	2.58	103	50 - 135	
Methylene chloride	2.5	2.52	101	63 - 137	
n-Butylbenzene	2.5	2.56	102	65 - 138	
n-Propylbenzene	2.5	2.68	107	63 - 135	
Naphthalene	2.5	2.44	97	51 - 135	
o-Xylene	2.5	2.58	103	77 - 125	
p-Isopropyltoluene	2.5	2.58	103	75 - 133	
sec-Butylbenzene	2.5	2.58	103	63 - 132	
Styrene	2.5	2.61	104	74 - 128	
tert-Butylbenzene	2.5	2.59	104	65 - 132	
Tetrachloroethene	2.5	2.53	101	67 - 139	
Toluene	2.5	2.57	103	71 - 127	
trans-1,2-Dichloroethene	2.5	2.58	103	66 - 134	
trans-1,3-Dichloropropene	2.5	2.34	93	65 - 127	
Trichloroethene	2.5	2.58	103	77 - 124	
Trichlorofluoromethane	2.5	2.64	106	49 - 139	
Vinyl chloride	2.5	2.80	112	58 - 126	
Xylenes (total)	7.5	7.72	103	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2584852	1128046 - 4512186	
Chlorobenzene-d5	3124302	1392345 - 5569380	
Fluorobenzene	5441493	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10059

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10059 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3336.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.101	101	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0434	87	74 - 125	
1,1,1-Trichloroethane	0.05	0.0465	93	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0508	102	59 - 140	
1,1,2-Trichloroethane	0.05	0.0472	94	62 - 127	
1,1-Dichloroethane	0.05	0.0476	95	73 - 125	
1,1-Dichloroethene	0.05	0.0460	92	65 - 136	
1,1-Dichloropropene	0.05	0.0480	96	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0442	88	62 - 133	
1,2,3-Trichloropropane	0.05	0.0479	96	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0451	90	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0514	103	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0460	92	49 - 135	
1,2-Dibromoethane	0.05	0.0437	87	70 - 124	
1,2-Dichlorobenzene	0.05	0.0494	99	74 - 120	
1,2-Dichloroethane	0.05	0.0468	94	72 - 137	
1,2-Dichloropropane	0.05	0.0472	94	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0514	103	65 - 133	
1,3-Dichlorobenzene	0.05	0.0489	98	72 - 124	
1,3-Dichloropropane	0.05	0.0480	96	76 - 123	
1,4-Dichlorobenzene	0.05	0.0487	97	72 - 125	
1-Chlorohexane	0.05	0.0504	101	60 - 135	
2,2-Dichloropropane	0.05	0.0485	97	67 - 134	
2-Butanone	0.1	0.0845	85	40 - 135	
2-Chlorotoluene	0.05	0.0515	103	69 - 128	
4-Chlorotoluene	0.05	0.0511	102	73 - 126	
4-Methyl-2-pentanone	0.1	0.0886	89	47 - 147	
Acetone	0.1	0.0996	100	40 - 141	
Benzene	0.05	0.0450	90	73 - 126	
Bromobenzene	0.05	0.0482	96	66 - 121	
Bromochloromethane	0.05	0.0448	90	71 - 127	
Bromodichloromethane	0.05	0.0483	97	72 - 128	
Bromoform	0.05	0.0470	94	66 - 137	
Bromomethane	0.05	0.0480	96	45 - 141	
Carbon tetrachloride	0.05	0.0455	91	67 - 133	
Chlorobenzene	0.05	0.0490	98	75 - 123	
Chloroethane	0.05	0.0643	129	41 - 141	
Chloroform	0.05	0.0468	94	72 - 124	
Chloromethane	0.05	0.0395	79	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0468	94	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0459	92	72 - 126	
Dibromochloromethane	0.05	0.0422	84	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10059

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10059 **Initial Calibration ID:** 963

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3336.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0452	90	73 - 128	
Dichlorodifluoromethane	0.05	0.0330	66	34 - 136	
Ethylbenzene	0.05	0.0455	91	74 - 127	
Hexachlorobutadiene	0.05	0.0485	97	53 - 142	
Isopropylbenzene	0.05	0.0488	98	77 - 129	
Methyl tert-butyl ether	0.05	0.0480	96	50 - 135	
Methylene chloride	0.05	0.0481	96	63 - 137	
n-Butylbenzene	0.05	0.0531	106	65 - 138	
n-Propylbenzene	0.05	0.0489	98	63 - 135	
Naphthalene	0.05	0.0484	97	51 - 135	
o-Xylene	0.05	0.0445	89	77 - 125	
p-Isopropyltoluene	0.05	0.0448	90	75 - 133	
sec-Butylbenzene	0.05	0.0483	97	63 - 132	
Styrene	0.05	0.0468	94	74 - 128	
tert-Butylbenzene	0.05	0.0550	110	65 - 132	
Tetrachloroethene	0.05	0.0421	84	67 - 139	
Toluene	0.05	0.0508	102	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0457	91	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0463	93	65 - 127	
Trichloroethene	0.05	0.0461	92	77 - 124	
Trichlorofluoromethane	0.05	0.0536	107	49 - 139	
Vinyl chloride	0.05	0.0431	86	58 - 126	
Xylenes (total)	0.15	0.146	97	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2087900	1059709 - 4238836	
Chlorobenzene-d5	3333806	1579958 - 6319834	
Fluorobenzene	8859645	4209684 - 16838736	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3413.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0974	97	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0448	90	74 - 125	
1,1,1-Trichloroethane	0.05	0.0477	95	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0519	104	59 - 140	
1,1,2-Trichloroethane	0.05	0.0477	95	62 - 127	
1,1-Dichloroethane	0.05	0.0477	95	73 - 125	
1,1-Dichloroethene	0.05	0.0482	96	65 - 136	
1,1-Dichloropropene	0.05	0.0472	94	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0549	110	62 - 133	
1,2,3-Trichloropropane	0.05	0.0488	98	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0568	114	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0501	100	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0573	115	49 - 135	
1,2-Dibromoethane	0.05	0.0460	92	70 - 124	
1,2-Dichlorobenzene	0.05	0.0486	97	74 - 120	
1,2-Dichloroethane	0.05	0.0484	97	72 - 137	
1,2-Dichloropropane	0.05	0.0467	93	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0496	99	65 - 133	
1,3-Dichlorobenzene	0.05	0.0474	95	72 - 124	
1,3-Dichloropropane	0.05	0.0484	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0465	93	72 - 125	
1-Chlorohexane	0.05	0.0496	99	60 - 135	
2,2-Dichloropropane	0.05	0.0478	96	67 - 134	
2-Butanone	0.1	0.111	111	40 - 135	
2-Chlorotoluene	0.05	0.0473	95	69 - 128	
4-Chlorotoluene	0.05	0.0480	96	73 - 126	
4-Methyl-2-pentanone	0.1	0.0956	96	47 - 147	
Acetone	0.1	0.110	110	40 - 141	
Benzene	0.05	0.0485	97	73 - 126	
Bromobenzene	0.05	0.0465	93	66 - 121	
Bromochloromethane	0.05	0.0468	94	71 - 127	
Bromodichloromethane	0.05	0.0434	87	72 - 128	
Bromoform	0.05	0.0500	100	66 - 137	
Bromomethane	0.05	0.0482	96	45 - 141	
Carbon tetrachloride	0.05	0.0492	98	67 - 133	
Chlorobenzene	0.05	0.0474	95	75 - 123	
Chloroethane	0.05	0.0450	90	41 - 141	
Chloroform	0.05	0.0468	94	72 - 124	
Chloromethane	0.05	0.0475	95	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0476	95	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0444	89	72 - 126	
Dibromochloromethane	0.05	0.0434	87	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10069 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3413.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0474	95	73 - 128	
Dichlorodifluoromethane	0.05	0.0563	113	34 - 136	
Ethylbenzene	0.05	0.0496	99	74 - 127	
Hexachlorobutadiene	0.05	0.0510	102	53 - 142	
Isopropylbenzene	0.05	0.0499	100	77 - 129	
Methyl tert-butyl ether	0.05	0.0495	99	50 - 135	
Methylene chloride	0.05	0.0466	93	63 - 137	
n-Butylbenzene	0.05	0.0481	96	65 - 138	
n-Propylbenzene	0.05	0.0498	100	63 - 135	
Naphthalene	0.05	0.0587	117	51 - 135	
o-Xylene	0.05	0.0493	99	77 - 125	
p-Isopropyltoluene	0.05	0.0498	100	75 - 133	
sec-Butylbenzene	0.05	0.0506	101	63 - 132	
Styrene	0.05	0.0466	93	74 - 128	
tert-Butylbenzene	0.05	0.0495	99	65 - 132	
Tetrachloroethene	0.05	0.0476	95	67 - 139	
Toluene	0.05	0.0453	91	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0477	95	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0441	88	65 - 127	
Trichloroethene	0.05	0.0458	92	77 - 124	
Trichlorofluoromethane	0.05	0.0429	86	49 - 139	
Vinyl chloride	0.05	0.0509	102	58 - 126	
Xylenes (total)	0.15	0.147	98	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1550733	685144 - 2740574	
Chlorobenzene-d5	2283941	1005325 - 4021300	
Fluorobenzene	6190864	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10077 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9164.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.41	108	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.52	101	74 - 125	
1,1,1-Trichloroethane	2.5	2.18	87	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	1.94	78	59 - 140	
1,1,2-Trichloroethane	2.5	2.30	92	62 - 127	
1,1-Dichloroethane	2.5	2.10	84	73 - 125	
1,1-Dichloroethene	2.5	2.61	104	65 - 136	
1,1-Dichloropropene	2.5	2.30	92	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.39	96	62 - 133	
1,2,3-Trichloropropane	2.5	2.05	82	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.35	94	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.44	98	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	1.79	71	49 - 135	
1,2-Dibromoethane	2.5	2.55	102	70 - 124	
1,2-Dichlorobenzene	2.5	2.53	101	74 - 120	
1,2-Dichloroethane	2.5	1.86	74	72 - 137	
1,2-Dichloropropane	2.5	2.16	87	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.45	98	65 - 133	
1,3-Dichlorobenzene	2.5	2.58	103	72 - 124	
1,3-Dichloropropane	2.5	2.35	94	76 - 123	
1,4-Dichlorobenzene	2.5	2.44	98	72 - 125	
1-Chlorohexane	2.5	2.54	102	60 - 135	
2,2-Dichloropropane	2.5	1.68	67	67 - 134	
2-Butanone	5	3.98	80	40 - 135	
2-Chlorotoluene	2.5	2.33	93	69 - 128	
4-Chlorotoluene	2.5	2.35	94	73 - 126	
4-Methyl-2-pentanone	5	3.76	75	47 - 147	
Acetone	5	4.23	85	40 - 141	
Benzene	2.5	2.36	94	73 - 126	
Bromobenzene	2.5	2.54	102	66 - 121	
Bromochloromethane	2.5	2.46	99	71 - 127	
Bromodichloromethane	2.5	1.98	79	72 - 128	
Bromoform	2.5	2.28	91	66 - 137	
Bromomethane	2.5	2.19	88	45 - 141	
Carbon tetrachloride	2.5	2.10	84	67 - 133	
Chlorobenzene	2.5	2.68	107	75 - 123	
Chloroethane	2.5	2.42	97	41 - 141	
Chloroform	2.5	2.08	83	72 - 124	
Chloromethane	2.5	2.22	89	51 - 129	
cis-1,2-Dichloroethene	2.5	2.51	100	67 - 125	
cis-1,3-Dichloropropene	2.5	2.14	86	72 - 126	
Dibromochloromethane	2.5	2.39	95	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10077 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9164.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.09	84	73 - 128	
Dichlorodifluoromethane	2.5	2.37	95	34 - 136	
Ethylbenzene	2.5	2.57	103	74 - 127	
Hexachlorobutadiene	2.5	2.17	87	53 - 142	
Isopropylbenzene	2.5	2.54	101	77 - 129	
Methyl tert-butyl ether	2.5	2.22	89	50 - 135	
Methylene chloride	2.5	2.36	94	63 - 137	
n-Butylbenzene	2.5	2.15	86	65 - 138	
n-Propylbenzene	2.5	2.45	98	63 - 135	
Naphthalene	2.5	2.48	99	51 - 135	
o-Xylene	2.5	2.66	106	77 - 125	
p-Isopropyltoluene	2.5	2.52	101	75 - 133	
sec-Butylbenzene	2.5	2.56	103	63 - 132	
Styrene	2.5	2.40	96	74 - 128	
tert-Butylbenzene	2.5	2.44	98	65 - 132	
Tetrachloroethene	2.5	2.82	113	67 - 139	
Toluene	2.5	2.51	101	71 - 127	
trans-1,2-Dichloroethene	2.5	2.57	103	66 - 134	
trans-1,3-Dichloropropene	2.5	2.10	84	65 - 127	
Trichloroethene	2.5	2.49	100	77 - 124	
Trichlorofluoromethane	2.5	1.97	79	49 - 139	
Vinyl chloride	2.5	2.37	95	58 - 126	
Xylenes (total)	7.5	8.07	108	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1006956	353482 - 1413926	
Chlorobenzene-d5	1053753	383378 - 1533514	
Fluorobenzene	2589078	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9184.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.46	109	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.51	101	74 - 125	
1,1,1-Trichloroethane	2.5	2.16	87	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.27	91	59 - 140	
1,1,2-Trichloroethane	2.5	2.41	96	62 - 127	
1,1-Dichloroethane	2.5	2.18	87	73 - 125	
1,1-Dichloroethene	2.5	2.67	107	65 - 136	
1,1-Dichloropropene	2.5	2.32	93	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.44	98	62 - 133	
1,2,3-Trichloropropane	2.5	2.12	85	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.39	96	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.43	97	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.10	84	49 - 135	
1,2-Dibromoethane	2.5	2.59	104	70 - 124	
1,2-Dichlorobenzene	2.5	2.52	101	74 - 120	
1,2-Dichloroethane	2.5	1.86	75	72 - 137	
1,2-Dichloropropane	2.5	2.22	89	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.41	96	65 - 133	
1,3-Dichlorobenzene	2.5	2.55	102	72 - 124	
1,3-Dichloropropane	2.5	2.41	96	76 - 123	
1,4-Dichlorobenzene	2.5	2.45	98	72 - 125	
1-Chlorohexane	2.5	2.57	103	60 - 135	
2,2-Dichloropropane	2.5	2.09	84	67 - 134	
2-Butanone	5	4.30	86	40 - 135	
2-Chlorotoluene	2.5	2.33	93	69 - 128	
4-Chlorotoluene	2.5	2.32	93	73 - 126	
4-Methyl-2-pentanone	5	3.96	79	47 - 147	
Acetone	5	4.53	91	40 - 141	
Benzene	2.5	2.37	95	73 - 126	
Bromobenzene	2.5	2.53	101	66 - 121	
Bromochloromethane	2.5	2.48	99	71 - 127	
Bromodichloromethane	2.5	2.00	80	72 - 128	
Bromoform	2.5	2.29	92	66 - 137	
Bromomethane	2.5	2.20	88	45 - 141	
Carbon tetrachloride	2.5	2.14	85	67 - 133	
Chlorobenzene	2.5	2.68	107	75 - 123	
Chloroethane	2.5	2.45	98	41 - 141	
Chloroform	2.5	2.12	85	72 - 124	
Chloromethane	2.5	2.20	88	51 - 129	
cis-1,2-Dichloroethene	2.5	2.56	102	67 - 125	
cis-1,3-Dichloropropene	2.5	2.26	91	72 - 126	
Dibromochloromethane	2.5	2.41	97	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T9184.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.15	86	73 - 128	
Dichlorodifluoromethane	2.5	2.39	95	34 - 136	
Ethylbenzene	2.5	2.54	101	74 - 127	
Hexachlorobutadiene	2.5	2.21	88	53 - 142	
Isopropylbenzene	2.5	2.55	102	77 - 129	
Methyl tert-butyl ether	2.5	2.34	94	50 - 135	
Methylene chloride	2.5	2.40	96	63 - 137	
n-Butylbenzene	2.5	2.16	86	65 - 138	
n-Propylbenzene	2.5	2.47	99	63 - 135	
Naphthalene	2.5	2.64	106	51 - 135	
o-Xylene	2.5	2.64	106	77 - 125	
p-Isopropyltoluene	2.5	2.49	100	75 - 133	
sec-Butylbenzene	2.5	2.56	103	63 - 132	
Styrene	2.5	2.39	95	74 - 128	
tert-Butylbenzene	2.5	2.46	98	65 - 132	
Tetrachloroethene	2.5	2.76	110	67 - 139	
Toluene	2.5	2.52	101	71 - 127	
trans-1,2-Dichloroethene	2.5	2.59	104	66 - 134	
trans-1,3-Dichloropropene	2.5	2.24	89	65 - 127	
Trichloroethene	2.5	2.34	93	77 - 124	
Trichlorofluoromethane	2.5	1.99	80	49 - 139	
Vinyl chloride	2.5	2.48	99	58 - 126	
Xylenes (total)	7.5	8.10	108	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	973475	353482 - 1413926	
Chlorobenzene-d5	1021460	383378 - 1533514	
Fluorobenzene	2472684	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.40

Parent Field Sample ID: AOC9-SB11-1 (11.5') **MS ID:** 0706146-001BMS **MSD ID:** 0706146-001BMSD

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene	6.64	118	128	103	127	101	1	79 - 126	30	
1,1,1,2-Tetrachloroethane		59.2	57.3	97	56.3	95	2	74 - 125	30	
1,1,1-Trichloroethane		59.2	59.7	101	60.4	102	1	68 - 130	30	
1,1,2,2-Tetrachloroethane		59.2	58.7	99	58.6	99	0	59 - 140	30	
1,1,2-Trichloroethane		59.2	59.4	100	61.2	103	3	62 - 127	30	
1,1-Dichloroethane		59.2	64.9	110	63.6	107	2	73 - 125	30	
1,1-Dichloroethene		59.2	63.3	107	66.9	113	6	65 - 136	30	
1,1-Dichloropropene		59.2	61.5	104	62.0	105	1	70 - 135	30	
1,2,3-Trichlorobenzene		59.2	67.7	114	66.9	113	1	62 - 133	30	
1,2,3-Trichloropropane	1.40	59.2	49.2	81	53.0	87	8	63 - 130	30	
1,2,4-Trichlorobenzene		59.2	67.7	114	70.0	118	3	65 - 131	30	
1,2,4-Trimethylbenzene	50.2	59.2	90.6	68	89.6	67	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		59.2	58.5	99	58.5	99	0	49 - 135	30	
1,2-Dibromoethane		59.2	60.8	103	58.6	99	4	70 - 124	30	
1,2-Dichlorobenzene	4.05	59.2	64.8	102	65.7	104	1	74 - 120	30	
1,2-Dichloroethane		59.2	57.7	97	58.2	98	1	72 - 137	30	
1,2-Dichloropropane		59.2	61.7	104	61.3	104	1	71 - 120	30	
1,3,5-Trimethylbenzene	35.0	59.2	94.9	101	94.0	100	1	65 - 133	30	
1,3-Dichlorobenzene	3.25	59.2	63.6	102	63.7	102	0	72 - 124	30	
1,3-Dichloropropane		59.2	63.1	107	59.5	100	6	76 - 123	30	
1,4-Dichlorobenzene	106	59.2	121	25	119	22	2	72 - 125	30	*
1-Chlorohexane		59.2	66.7	113	65.6	111	2	60 - 135	30	
2,2-Dichloropropane		59.2	51.4	87	50.7	86	1	67 - 134	30	
2-Butanone		118	114	96	119	101	5	40 - 135	30	
2-Chlorotoluene		59.2	68.7	116	60.2	102	13	69 - 128	30	
4-Chlorotoluene		59.2	56.1	95	58.2	98	4	73 - 126	30	
4-Methyl-2-pentanone		118	115	97	117	98	1	47 - 147	30	
Acetone		118	148	125	143	121	3	40 - 141	30	
Benzene		59.2	62.4	105	62.6	106	0	73 - 126	30	
Bromobenzene		59.2	59.8	101	59.0	100	1	66 - 121	30	
Bromochloromethane		59.2	58.6	99	60.5	102	3	71 - 127	30	
Bromodichloromethane		59.2	59.8	101	60.0	101	0	72 - 128	30	
Bromoform		59.2	59.5	101	59.1	100	1	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.40

Parent Field Sample ID: AOC9-SB11-1 (11.5') **MS ID:** 0706146-001BMS **MSD ID:** 0706146-001BMSD

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		59.2	63.5	107	60.9	103	4	45 - 141	30	
Carbon tetrachloride		59.2	59.4	100	60.1	101	1	67 - 133	30	
Chlorobenzene	260	59.2	228	0	222	0	3	75 - 123	30	*
Chloroethane		59.2	68.2	115	67.4	114	1	41 - 141	30	
Chloroform		59.2	59.7	101	60.6	102	2	72 - 124	30	
Chloromethane		59.2	64.3	109	63.2	107	2	51 - 129	30	
cis-1,2-Dichloroethene		59.2	62.9	106	62.9	106	0	67 - 125	30	
cis-1,3-Dichloropropene		59.2	57.5	97	58.1	98	1	72 - 126	30	
Dibromochloromethane		59.2	60.2	102	57.3	97	5	66 - 130	30	
Dibromomethane		59.2	58.1	98	59.4	100	2	73 - 128	30	
Dichlorodifluoromethane		59.2	72.1	122	72.6	123	1	34 - 136	30	
Ethylbenzene	1.35	59.2	61.7	102	60.5	100	2	74 - 127	30	
Hexachlorobutadiene		59.2	68.4	115	63.6	107	7	53 - 142	30	
Isopropylbenzene	2.61	59.2	64.8	105	63.6	103	2	77 - 129	30	
Methyl tert-butyl ether		59.2	62.9	106	63.4	107	1	50 - 135	30	
Methylene chloride		59.2	61.8	104	60.7	103	2	63 - 137	30	
n-Butylbenzene	3.51	59.2	73.9	119	74.4	120	1	65 - 138	30	
n-Propylbenzene	3.48	59.2	68.0	109	66.6	107	2	63 - 135	30	
Naphthalene	11.4	59.2	73.2	104	75.2	108	3	51 - 135	30	
o-Xylene	6.00	59.2	67.2	103	63.8	98	5	77 - 125	30	
p-Isopropyltoluene	4.48	59.2	71.7	113	71.5	113	0	75 - 133	30	
sec-Butylbenzene	3.34	59.2	66.3	106	67.4	108	2	63 - 132	30	
Styrene		59.2	62.2	105	61.7	104	1	74 - 128	30	
tert-Butylbenzene	0.829	59.2	66.5	111	65.3	109	2	65 - 132	30	
Tetrachloroethene		59.2	63.6	107	61.0	103	4	67 - 139	30	
Toluene	0.379	59.2	62.6	105	62.1	104	1	71 - 127	30	
trans-1,2-Dichloroethene		59.2	63.2	107	62.7	106	1	66 - 134	30	
trans-1,3-Dichloropropene		59.2	55.7	94	56.5	95	1	65 - 127	30	
Trichloroethene		59.2	62.9	106	64.7	109	3	77 - 124	30	
Trichlorofluoromethane		59.2	64.8	109	63.2	107	2	49 - 139	30	
Vinyl chloride		59.2	66.4	112	65.4	110	2	58 - 126	30	
Xylenes (total)	12.6	178	195	103	190	100	3	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10059

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10059 **MS ID:** LCS-10059 **MSD ID:** LCSD-10059

Calibration ID: 963

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.104	104	0.101	101	3	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0419	84	0.0434	87	3	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0460	92	0.0465	93	1	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0470	94	0.0508	102	8	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0458	92	0.0472	94	3	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0476	95	0.0476	95	0	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0472	94	0.0460	92	2	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0493	99	0.0480	96	3	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0463	93	0.0442	88	5	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0444	89	0.0479	96	7	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0477	95	0.0451	90	6	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0519	104	0.0514	103	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0468	94	0.0460	92	2	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0424	85	0.0437	87	3	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0483	97	0.0494	99	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0454	91	0.0468	94	3	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0463	93	0.0472	94	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0519	104	0.0514	103	1	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0484	97	0.0489	98	1	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0460	92	0.0480	96	4	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0487	97	0.0487	97	0	72 - 125	30	
1-Chlorohexane		0.0500	0.0528	106	0.0504	101	5	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0489	98	0.0485	97	1	67 - 134	30	
2-Butanone		0.100	0.0833	83	0.0845	85	1	40 - 135	30	
2-Chlorotoluene		0.0500	0.0512	102	0.0515	103	0	69 - 128	30	
4-Chlorotoluene		0.0500	0.0515	103	0.0511	102	1	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0887	89	0.0886	89	0	47 - 147	30	
Acetone		0.100	0.101	101	0.0996	100	1	40 - 141	30	
Benzene		0.0500	0.0449	90	0.0450	90	0	73 - 126	30	
Bromobenzene		0.0500	0.0458	92	0.0482	96	5	66 - 121	30	
Bromochloromethane		0.0500	0.0437	87	0.0448	90	3	71 - 127	30	
Bromodichloromethane		0.0500	0.0481	96	0.0483	97	0	72 - 128	30	
Bromoform		0.0500	0.0452	90	0.0470	94	4	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10059

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10059 **MS ID:** LCS-10059 **MSD ID:** LCSD-10059

Calibration ID: 963

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0493	99	0.0480	96	3	45 - 141	30	
Carbon tetrachloride		0.0500	0.0458	92	0.0455	91	1	67 - 133	30	
Chlorobenzene		0.0500	0.0495	99	0.0490	98	1	75 - 123	30	
Chloroethane		0.0500	0.0681	136	0.0643	129	6	41 - 141	30	
Chloroform		0.0500	0.0472	94	0.0468	94	1	72 - 124	30	
Chloromethane		0.0500	0.0470	94	0.0395	79	17	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0470	94	0.0468	94	0	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0455	91	0.0459	92	1	72 - 126	30	
Dibromochloromethane		0.0500	0.0406	81	0.0422	84	4	66 - 130	30	
Dibromomethane		0.0500	0.0443	89	0.0452	90	2	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0356	71	0.0330	66	8	34 - 136	30	
Ethylbenzene		0.0500	0.0464	93	0.0455	91	2	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0460	92	0.0485	97	5	53 - 142	30	
Isopropylbenzene		0.0500	0.0475	95	0.0488	98	3	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0460	92	0.0480	96	4	50 - 135	30	
Methylene chloride		0.0500	0.0468	94	0.0481	96	3	63 - 137	30	
n-Butylbenzene		0.0500	0.0554	111	0.0531	106	4	65 - 138	30	
n-Propylbenzene		0.0500	0.0489	98	0.0489	98	0	63 - 135	30	
Naphthalene		0.0500	0.0514	103	0.0484	97	6	51 - 135	30	
o-Xylene		0.0500	0.0445	89	0.0445	89	0	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0456	91	0.0448	90	2	75 - 133	30	
sec-Butylbenzene		0.0500	0.0476	95	0.0483	97	1	63 - 132	30	
Styrene		0.0500	0.0474	95	0.0468	94	1	74 - 128	30	
tert-Butylbenzene		0.0500	0.0529	106	0.0550	110	4	65 - 132	30	
Tetrachloroethene		0.0500	0.0430	86	0.0421	84	2	67 - 139	30	
Toluene		0.0500	0.0510	102	0.0508	102	0	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0460	92	0.0457	91	1	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0455	91	0.0463	93	2	65 - 127	30	
Trichloroethene		0.0500	0.0467	93	0.0461	92	1	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0604	121	0.0536	107	12	49 - 139	30	
Vinyl chloride		0.0500	0.0452	90	0.0431	86	5	58 - 126	30	
Xylenes (total)		0.150	0.149	99	0.146	97	2	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10069 **MS ID:** LCS-10069 **MSD ID:** LCSD-10069

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.0954	95	0.0974	97	2	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0420	84	0.0448	90	6	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0477	95	0.0477	95	0	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0454	91	0.0519	104	13	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0437	87	0.0477	95	9	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0463	93	0.0477	95	3	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0487	97	0.0482	96	1	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0486	97	0.0472	94	3	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0519	104	0.0549	110	6	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0416	83	0.0488	98	16	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0550	110	0.0568	114	3	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0470	94	0.0501	100	6	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0513	103	0.0573	115	11	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0424	85	0.0460	92	8	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0457	91	0.0486	97	6	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0452	90	0.0484	97	7	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0449	90	0.0467	93	4	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0469	94	0.0496	99	6	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0450	90	0.0474	95	5	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0441	88	0.0484	97	9	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0439	88	0.0465	93	6	72 - 125	30	
1-Chlorohexane		0.0500	0.0496	99	0.0496	99	0	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0475	95	0.0478	96	1	67 - 134	30	
2-Butanone		0.100	0.0996	100	0.111	111	11	40 - 135	30	
2-Chlorotoluene		0.0500	0.0455	91	0.0473	95	4	69 - 128	30	
4-Chlorotoluene		0.0500	0.0459	92	0.0480	96	5	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0846	85	0.0956	96	12	47 - 147	30	
Acetone		0.100	0.0962	96	0.110	110	14	40 - 141	30	
Benzene		0.0500	0.0477	95	0.0485	97	2	73 - 126	30	
Bromobenzene		0.0500	0.0440	88	0.0465	93	5	66 - 121	30	
Bromochloromethane		0.0500	0.0453	91	0.0468	94	3	71 - 127	30	
Bromodichloromethane		0.0500	0.0422	84	0.0434	87	3	72 - 128	30	
Bromoform		0.0500	0.0443	89	0.0500	100	12	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10069 **MS ID:** LCS-10069 **MSD ID:** LCSD-10069

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0496	99	0.0482	96	3	45 - 141	30	
Carbon tetrachloride		0.0500	0.0498	100	0.0492	98	1	67 - 133	30	
Chlorobenzene		0.0500	0.0456	91	0.0474	95	4	75 - 123	30	
Chloroethane		0.0500	0.0460	92	0.0450	90	2	41 - 141	30	
Chloroform		0.0500	0.0460	92	0.0468	94	2	72 - 124	30	
Chloromethane		0.0500	0.0497	99	0.0475	95	4	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0465	93	0.0476	95	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0427	85	0.0444	89	4	72 - 126	30	
Dibromochloromethane		0.0500	0.0397	79	0.0434	87	9	66 - 130	30	
Dibromomethane		0.0500	0.0446	89	0.0474	95	6	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0575	115	0.0563	113	2	34 - 136	30	
Ethylbenzene		0.0500	0.0485	97	0.0496	99	2	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0511	102	0.0510	102	0	53 - 142	30	
Isopropylbenzene		0.0500	0.0482	96	0.0499	100	3	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0465	93	0.0495	99	6	50 - 135	30	
Methylene chloride		0.0500	0.0446	89	0.0466	93	5	63 - 137	30	
n-Butylbenzene		0.0500	0.0472	94	0.0481	96	2	65 - 138	30	
n-Propylbenzene		0.0500	0.0482	96	0.0498	100	3	63 - 135	30	
Naphthalene		0.0500	0.0509	102	0.0587	117	14	51 - 135	30	
o-Xylene		0.0500	0.0471	94	0.0493	99	5	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0480	96	0.0498	100	4	75 - 133	30	
sec-Butylbenzene		0.0500	0.0485	97	0.0506	101	4	63 - 132	30	
Styrene		0.0500	0.0438	88	0.0466	93	6	74 - 128	30	
tert-Butylbenzene		0.0500	0.0472	94	0.0495	99	5	65 - 132	30	
Tetrachloroethene		0.0500	0.0473	95	0.0476	95	1	67 - 139	30	
Toluene		0.0500	0.0439	88	0.0453	91	3	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0476	95	0.0477	95	0	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0415	83	0.0441	88	6	65 - 127	30	
Trichloroethene		0.0500	0.0455	91	0.0458	92	1	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0477	95	0.0429	86	11	49 - 139	30	
Vinyl chloride		0.0500	0.0492	98	0.0509	102	3	58 - 126	30	
Xylenes (total)		0.150	0.142	95	0.147	98	3	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10077 **MS ID:** LCS-10077 **MSD ID:** LCSD-10077

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.77	115	5.41	108	6	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.63	105	2.52	101	4	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.24	90	2.18	87	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.00	80	1.94	78	3	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.34	94	2.30	92	2	62 - 127	30	
1,1-Dichloroethane		2.50	2.17	87	2.10	84	4	73 - 125	30	
1,1-Dichloroethene		2.50	2.71	108	2.61	104	4	65 - 136	30	
1,1-Dichloropropene		2.50	2.39	95	2.30	92	4	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.47	99	2.39	96	3	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.12	85	2.05	82	3	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.43	97	2.35	94	4	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.54	102	2.44	98	4	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	1.89	76	1.79	71	6	49 - 135	30	
1,2-Dibromoethane		2.50	2.70	108	2.55	102	6	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.62	105	2.53	101	3	74 - 120	30	
1,2-Dichloroethane		2.50	1.90	76	1.86	74	2	72 - 137	30	
1,2-Dichloropropane		2.50	2.25	90	2.16	87	4	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.54	102	2.45	98	4	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.61	104	2.58	103	1	72 - 124	30	
1,3-Dichloropropane		2.50	2.46	98	2.35	94	5	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.53	101	2.44	98	4	72 - 125	30	
1-Chlorohexane		2.50	2.64	106	2.54	102	4	60 - 135	30	
2,2-Dichloropropane		2.50	1.74	70	1.68	67	3	67 - 134	30	
2-Butanone		5.00	3.80	76	3.98	80	5	40 - 135	30	
2-Chlorotoluene		2.50	2.40	96	2.33	93	3	69 - 128	30	
4-Chlorotoluene		2.50	2.41	96	2.35	94	3	73 - 126	30	
4-Methyl-2-pentanone		5.00	3.66	73	3.76	75	3	47 - 147	30	
Acetone		5.00	4.15	83	4.23	85	2	40 - 141	30	
Benzene		2.50	2.45	98	2.36	94	3	73 - 126	30	
Bromobenzene		2.50	2.60	104	2.54	102	2	66 - 121	30	
Bromochloromethane		2.50	2.52	101	2.46	99	2	71 - 127	30	
Bromodichloromethane		2.50	2.06	82	1.98	79	4	72 - 128	30	
Bromoform		2.50	2.33	93	2.28	91	2	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10077 **MS ID:** LCS-10077 **MSD ID:** LCSD-10077

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.26	90	2.19	88	3	45 - 141	30	
Carbon tetrachloride		2.50	2.16	86	2.10	84	2	67 - 133	30	
Chlorobenzene		2.50	2.84	114	2.68	107	6	75 - 123	30	
Chloroethane		2.50	2.54	102	2.42	97	5	41 - 141	30	
Chloroform		2.50	2.14	86	2.08	83	3	72 - 124	30	
Chloromethane		2.50	2.30	92	2.22	89	3	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.60	104	2.51	100	4	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.20	88	2.14	86	3	72 - 126	30	
Dibromochloromethane		2.50	2.45	98	2.39	95	3	66 - 130	30	
Dibromomethane		2.50	2.13	85	2.09	84	2	73 - 128	30	
Dichlorodifluoromethane		2.50	2.49	100	2.37	95	5	34 - 136	30	
Ethylbenzene		2.50	2.72	109	2.57	103	6	74 - 127	30	
Hexachlorobutadiene		2.50	2.23	89	2.17	87	3	53 - 142	30	
Isopropylbenzene		2.50	2.62	105	2.54	101	3	77 - 129	30	
Methyl tert-butyl ether		2.50	2.29	92	2.22	89	3	50 - 135	30	
Methylene chloride		2.50	2.44	98	2.36	94	4	63 - 137	30	
n-Butylbenzene		2.50	2.21	88	2.15	86	3	65 - 138	30	
n-Propylbenzene		2.50	2.54	102	2.45	98	4	63 - 135	30	
Naphthalene		2.50	2.54	101	2.48	99	2	51 - 135	30	
o-Xylene		2.50	2.87	115	2.66	106	7	77 - 125	30	
p-Isopropyltoluene		2.50	2.60	104	2.52	101	3	75 - 133	30	
sec-Butylbenzene		2.50	2.66	106	2.56	103	3	63 - 132	30	
Styrene		2.50	2.57	103	2.40	96	7	74 - 128	30	
tert-Butylbenzene		2.50	2.53	101	2.44	98	4	65 - 132	30	
Tetrachloroethene		2.50	2.95	118	2.82	113	5	67 - 139	30	
Toluene		2.50	2.61	104	2.51	101	4	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.60	104	2.57	103	1	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.13	85	2.10	84	1	65 - 127	30	
Trichloroethene		2.50	2.59	104	2.49	100	4	77 - 124	30	
Trichlorofluoromethane		2.50	2.05	82	1.97	79	4	49 - 139	30	
Vinyl chloride		2.50	2.55	102	2.37	95	7	58 - 126	30	
Xylenes (total)		7.50	8.64	115	8.07	108	7	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10095 **MS ID:** LCS-10095 **MSD ID:** LCSD-10095

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	6.04	121	5.46	109	10	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.64	106	2.51	101	5	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.26	90	2.16	87	4	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.29	92	2.27	91	1	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.45	98	2.41	96	1	62 - 127	30	
1,1-Dichloroethane		2.50	2.26	90	2.18	87	4	73 - 125	30	
1,1-Dichloroethene		2.50	2.80	112	2.67	107	5	65 - 136	30	
1,1-Dichloropropene		2.50	2.41	96	2.32	93	4	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.51	101	2.44	98	3	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.15	86	2.12	85	1	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.52	101	2.39	96	5	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.54	102	2.43	97	5	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.03	81	2.10	84	3	49 - 135	30	
1,2-Dibromoethane		2.50	2.77	111	2.59	104	7	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.67	107	2.52	101	6	74 - 120	30	
1,2-Dichloroethane		2.50	1.92	77	1.86	75	3	72 - 137	30	
1,2-Dichloropropane		2.50	2.28	91	2.22	89	2	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.55	102	2.41	96	6	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.66	106	2.55	102	4	72 - 124	30	
1,3-Dichloropropane		2.50	2.54	102	2.41	96	5	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.56	102	2.45	98	4	72 - 125	30	
1-Chlorohexane		2.50	2.79	112	2.57	103	8	60 - 135	30	
2,2-Dichloropropane		2.50	2.24	90	2.09	84	7	67 - 134	30	
2-Butanone		5.00	4.27	85	4.30	86	1	40 - 135	30	
2-Chlorotoluene		2.50	2.40	96	2.33	93	3	69 - 128	30	
4-Chlorotoluene		2.50	2.42	97	2.32	93	4	73 - 126	30	
4-Methyl-2-pentanone		5.00	4.05	81	3.96	79	2	47 - 147	30	
Acetone		5.00	4.48	90	4.53	91	1	40 - 141	30	
Benzene		2.50	2.48	99	2.37	95	5	73 - 126	30	
Bromobenzene		2.50	2.58	103	2.53	101	2	66 - 121	30	
Bromochloromethane		2.50	2.60	104	2.48	99	5	71 - 127	30	
Bromodichloromethane		2.50	2.10	84	2.00	80	5	72 - 128	30	
Bromoform		2.50	2.45	98	2.29	92	7	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10095 **MS ID:** LCS-10095 **MSD ID:** LCSD-10095

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.21	88	2.20	88	1	45 - 141	30	
Carbon tetrachloride		2.50	2.21	88	2.14	85	3	67 - 133	30	
Chlorobenzene		2.50	2.90	116	2.68	107	8	75 - 123	30	
Chloroethane		2.50	2.50	100	2.45	98	2	41 - 141	30	
Chloroform		2.50	2.21	88	2.12	85	4	72 - 124	30	
Chloromethane		2.50	2.29	92	2.20	88	4	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.62	105	2.56	102	2	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.38	95	2.26	91	5	72 - 126	30	
Dibromochloromethane		2.50	2.52	101	2.41	97	5	66 - 130	30	
Dibromomethane		2.50	2.23	89	2.15	86	3	73 - 128	30	
Dichlorodifluoromethane		2.50	2.46	98	2.39	95	3	34 - 136	30	
Ethylbenzene		2.50	2.75	110	2.54	101	8	74 - 127	30	
Hexachlorobutadiene		2.50	2.36	94	2.21	88	6	53 - 142	30	
Isopropylbenzene		2.50	2.61	104	2.55	102	2	77 - 129	30	
Methyl tert-butyl ether		2.50	2.40	96	2.34	94	3	50 - 135	30	
Methylene chloride		2.50	2.53	101	2.40	96	5	63 - 137	30	
n-Butylbenzene		2.50	2.28	91	2.16	86	6	65 - 138	30	
n-Propylbenzene		2.50	2.58	103	2.47	99	4	63 - 135	30	
Naphthalene		2.50	2.70	108	2.64	106	2	51 - 135	30	
o-Xylene		2.50	2.94	118	2.64	106	10	77 - 125	30	
p-Isopropyltoluene		2.50	2.65	106	2.49	100	6	75 - 133	30	
sec-Butylbenzene		2.50	2.69	108	2.56	103	5	63 - 132	30	
Styrene		2.50	2.64	106	2.39	95	10	74 - 128	30	
tert-Butylbenzene		2.50	2.55	102	2.46	98	4	65 - 132	30	
Tetrachloroethene		2.50	2.97	119	2.76	110	7	67 - 139	30	
Toluene		2.50	2.66	106	2.52	101	5	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.71	108	2.59	104	5	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.31	92	2.24	89	3	65 - 127	30	
Trichloroethene		2.50	2.39	96	2.34	93	2	77 - 124	30	
Trichlorofluoromethane		2.50	2.05	82	1.99	80	3	49 - 139	30	
Vinyl chloride		2.50	2.52	101	2.48	99	2	58 - 126	30	
Xylenes (total)		7.50	8.98	120	8.10	108	10	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 5630

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB07-2 (12.5')	0706136-004A	21-Jun-07	22-Jun-07	22-Jun-07	14	1	23-Jun-07	14	0.7	
AOC9-SB07-2 (12.5') DL	0706136-004ADL	21-Jun-07	22-Jun-07	22-Jun-07	14	1	26-Jun-07	14	3.5	
AOC9-SB08-1 (9.0')	0706136-005A	21-Jun-07	22-Jun-07	22-Jun-07	14	0.9	23-Jun-07	14	0.8	
AOC9-SB08-1 (9.0') DL	0706136-005ADL	21-Jun-07	22-Jun-07	22-Jun-07	14	0.9	26-Jun-07	14	3.6	
AOC9-SB09-1 (11.5')	0706136-006A	22-Jun-07	22-Jun-07	22-Jun-07	14	0.3	23-Jun-07	14	0.8	
AOC9-SB09-1 (11.5') RA	0706136-006ARA	22-Jun-07	22-Jun-07	22-Jun-07	14	0.3	26-Jun-07	14	3.5	
AOC9-SB10-1 (16.5')	0706136-008A	22-Jun-07	22-Jun-07	22-Jun-07	14	0.3	23-Jun-07	14	0.8	
AOC9-SB10-1 (16.5') DL	0706136-008ADL	22-Jun-07	22-Jun-07	22-Jun-07	14	0.3	26-Jun-07	14	3.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 5645

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB06-1 (7.5')	0706136-001A	21-Jun-07	22-Jun-07	25-Jun-07	14	4	26-Jun-07	14	1.3	
AOC9-SB07-1 (7.0')	0706136-003A	21-Jun-07	22-Jun-07	25-Jun-07	14	4	26-Jun-07	14	1.3	
AOC9-SB11-1 (11.5')	0706146-001B	25-Jun-07	25-Jun-07	25-Jun-07	14	0.2	26-Jun-07	14	0.7	
AOC9-SB11-1 (11.5') DL	0706146-001BDL	25-Jun-07	25-Jun-07	25-Jun-07	14	0.2	03-Jul-07	14	8.3	
AOC9-SB11-1 (11.5')	0706146-001BMS	25-Jun-07	25-Jun-07	03-Jul-07	14		03-Jul-07	14	8.4	
AOC9-SB11-1 (11.5')	0706146-001BMSD	25-Jun-07	25-Jun-07	03-Jul-07	14		03-Jul-07	14	8.4	
AOC9-SB12-1 (12')	0706146-003B	25-Jun-07	25-Jun-07	25-Jun-07	14	0.1	26-Jun-07	14	0.7	
AOC9-SB12-1 (12') DL	0706146-003BDL	25-Jun-07	25-Jun-07	25-Jun-07	14	0.1	03-Jul-07	14	8	
AOC9-SB12-1/D (12')	0706146-004B	25-Jun-07	25-Jun-07	25-Jun-07	14	0.1	26-Jun-07	14	0.7	
AOC9-SB12-1/D (12') DL	0706146-004BDL	25-Jun-07	25-Jun-07	25-Jun-07	14	0.1	03-Jul-07	14	7.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10059

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB06-2 (10.5')	0706136-002A	21-Jun-07	22-Jun-07	22-Jun-07			22-Jun-07	14	1.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10069

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB11-2 (15.5')	0706146-002A	25-Jun-07	25-Jun-07	26-Jun-07			26-Jun-07	14	0.9	
AOC9-SB12-2 (15.5')	0706146-005A	25-Jun-07	25-Jun-07	26-Jun-07			26-Jun-07	14	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB06-2 (10.5') DL	0706136-002ADL	21-Jun-07	22-Jun-07	27-Jun-07			27-Jun-07	14	6.1	
AOC9-SB09-2 (16.0')	0706136-007A	22-Jun-07	22-Jun-07	27-Jun-07			27-Jun-07	14	5.3	
AOC9-SB10-2 (20.5')	0706136-009A	22-Jun-07	22-Jun-07	27-Jun-07			27-Jun-07	14	5.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB050907A3	TB050907A3	09-May-07	9:11	09-May-07	9:49
ICAL 2.0PPB	ICAL 2.0PPB	09-May-07	9:49	09-May-07	10:25
ICAL 5.0PPB	ICAL 5.0PPB	09-May-07	10:25	09-May-07	10:59
ICAL 20PPB	ICAL 20PPB	09-May-07	10:59	09-May-07	11:36
ICAL 50PPB	ICAL 50PPB	09-May-07	11:36	09-May-07	12:10
ICAL 100PPB	ICAL 100PPB	09-May-07	12:10	09-May-07	13:52
ICAL 150PPB	ICAL 150PPB	09-May-07	13:52	09-May-07	14:25
ICAL 200PPB	ICAL 200PPB	09-May-07	14:25	09-May-07	16:41
ICV-9583	ICV-9583	09-May-07	16:41	09-May-07	16:41
TB062207A3	TB062207A3	22-Jun-07	11:06	22-Jun-07	11:35
CCV-10059	CCV-10059	22-Jun-07	11:35	22-Jun-07	12:15
LCS-10059	LCS-10059	22-Jun-07	12:15	22-Jun-07	12:49
LCSD-10059	LCSD-10059	22-Jun-07	12:49	22-Jun-07	13:58
MB-10059	MB-10059	22-Jun-07	13:58	22-Jun-07	16:14
AOC9-SB06-2 (10.5')	0706136-002A	22-Jun-07	16:14	22-Jun-07	16:14
TB062507A3	TB062507A3	25-Jun-07	6:46	25-Jun-07	7:31
ICAL 2.0PPB	ICAL 2.0PPB	25-Jun-07	7:31	25-Jun-07	8:08
ICAL 5.0PPB	ICAL 5.0PPB	25-Jun-07	8:08	25-Jun-07	8:44
ICAL 20PPB	ICAL 20PPB	25-Jun-07	8:44	25-Jun-07	9:20
ICAL 50PPB	ICAL 50PPB	25-Jun-07	9:20	25-Jun-07	9:54
ICAL 100PPB	ICAL 100PPB	25-Jun-07	9:54	25-Jun-07	10:28
ICAL 150PPB	ICAL 150PPB	25-Jun-07	10:28	25-Jun-07	11:02
ICAL 200PPB	ICAL 200PPB	25-Jun-07	11:02	26-Jun-07	15:16
TB062607A3	TB062607A3	26-Jun-07	7:46	26-Jun-07	8:15
CCV-10069	CCV-10069	26-Jun-07	8:15	26-Jun-07	9:33
MB-10069	MB-10069	26-Jun-07	9:33	26-Jun-07	10:07
AOC9-SB11-2 (15.5')	0706146-002A	26-Jun-07	10:07	26-Jun-07	10:41
AOC9-SB12-2 (15.5')	0706146-005A	26-Jun-07	10:41	26-Jun-07	15:16
ICV-10069	ICV-10069	26-Jun-07	15:16	26-Jun-07	15:16
LCS-10069	LCS-10069	26-Jun-07	15:16	26-Jun-07	15:50
LCSD-10069	LCSD-10069	26-Jun-07	15:50	26-Jun-07	15:50
TB062707A3	TB062707A3	27-Jun-07	5:59	27-Jun-07	6:27
CCV-10091	CCV-10091	27-Jun-07	6:27	27-Jun-07	7:39
MB-10091	MB-10091	27-Jun-07	7:39	27-Jun-07	14:35
AOC9-SB09-2 (16.0')	0706136-007A	27-Jun-07	14:35	27-Jun-07	15:09
AOC9-SB10-2 (20.5')	0706136-009A	27-Jun-07	15:09	27-Jun-07	15:44
AOC9-SB06-2 (10.5') DL	0706136-002ADL	27-Jun-07	15:44	27-Jun-07	16:51
LCS-10091	LCS-10091	27-Jun-07	16:51	27-Jun-07	17:25

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062107A1	TB062107A1	21-Jun-07	6:45	21-Jun-07	7:14
ICAL 0.3 PPB	ICAL 0.3 PPB	21-Jun-07	7:14	21-Jun-07	7:47
ICAL 0.5 PPB	ICAL 0.5 PPB	21-Jun-07	7:47	21-Jun-07	8:19
ICAL 2.0 PPB	ICAL 2.0 PPB	21-Jun-07	8:19	21-Jun-07	8:52
ICAL 10 PPB	ICAL 10 PPB	21-Jun-07	8:52	21-Jun-07	9:25
ICAL 20 PPB	ICAL 20 PPB	21-Jun-07	9:25	21-Jun-07	9:58
ICAL 30 PPB	ICAL 30 PPB	21-Jun-07	9:58	21-Jun-07	10:30
ICAL 40 PPB	ICAL 40 PPB	21-Jun-07	10:30	21-Jun-07	11:36
ICV-10014	ICV-10014	21-Jun-07	11:36	21-Jun-07	11:36
TB062207A2	TB062207A2	22-Jun-07	23:41	23-Jun-07	0:33
CCV-10057	CCV-10057	23-Jun-07	0:33	23-Jun-07	1:06
MB-5630	MB-5630	23-Jun-07	8:48	23-Jun-07	9:21
AOC9-SB07-2 (12.5')	0706136-004A	23-Jun-07	9:21	23-Jun-07	9:53
AOC9-SB08-1 (9.0')	0706136-005A	23-Jun-07	9:53	23-Jun-07	10:26
AOC9-SB09-1 (11.5')	0706136-006A	23-Jun-07	10:26	23-Jun-07	10:59
AOC9-SB10-1 (16.5')	0706136-008A	23-Jun-07	10:59	23-Jun-07	10:59
TB062507A2	TB062507A2	25-Jun-07	22:07	25-Jun-07	22:58
CCV-10077	CCV-10077	25-Jun-07	22:58	25-Jun-07	23:31
LCS-10077	LCS-10077	25-Jun-07	23:31	26-Jun-07	0:04
LCSD-10077	LCSD-10077	26-Jun-07	0:04	26-Jun-07	0:37
MB-10077	MB-10077	26-Jun-07	0:37	26-Jun-07	2:48
MB-5645	MB-5645	26-Jun-07	2:48	26-Jun-07	3:21
AOC9-SB09-1 (11.5') RA	0706136-006ARA	26-Jun-07	3:21	26-Jun-07	3:54
AOC9-SB10-1 (16.5') DL	0706136-008ADL	26-Jun-07	3:54	26-Jun-07	4:27
AOC9-SB07-2 (12.5') DL	0706136-004ADL	26-Jun-07	4:27	26-Jun-07	5:00
AOC9-SB08-1 (9.0') DL	0706136-005ADL	26-Jun-07	5:00	26-Jun-07	7:12
AOC9-SB11-1 (11.5')	0706146-001B	26-Jun-07	7:12	26-Jun-07	7:45
AOC9-SB12-1 (12')	0706146-003B	26-Jun-07	7:45	26-Jun-07	8:18
AOC9-SB12-1/D (12')	0706146-004B	26-Jun-07	8:18	26-Jun-07	8:18
TB062607A1	TB062607A1	26-Jun-07	13:24	26-Jun-07	13:54
CCV-10095	CCV-10095	26-Jun-07	13:54	26-Jun-07	14:27
LCS-10095	LCS-10095	26-Jun-07	14:27	26-Jun-07	15:00
LCSD-10095	LCSD-10095	26-Jun-07	15:00	26-Jun-07	16:05
MB-10095	MB-10095	26-Jun-07	16:05	26-Jun-07	22:41
AOC9-SB06-1 (7.5')	0706136-001A	26-Jun-07	22:41	26-Jun-07	23:14
AOC9-SB07-1 (7.0')	0706136-003A	26-Jun-07	23:14	26-Jun-07	23:14

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS02_12

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062507A2	TB062507A2	25-Jun-07	9:43	25-Jun-07	10:21
ICAL 0.5 ppb	ICAL 0.5 ppb	25-Jun-07	10:21	25-Jun-07	10:59
ICAL 1.0 ppb	ICAL 1.0 ppb	25-Jun-07	10:59	25-Jun-07	11:38
ICAL 2.0 ppb	ICAL 2.0 ppb	25-Jun-07	11:38	25-Jun-07	12:16
ICAL 10 ppb	ICAL 10 ppb	25-Jun-07	12:16	25-Jun-07	12:55
ICAL 20 ppb	ICAL 20 ppb	25-Jun-07	12:55	25-Jun-07	13:33
ICAL 30 ppb	ICAL 30 ppb	25-Jun-07	13:33	25-Jun-07	14:11
ICAL 40 ppb	ICAL 40 ppb	25-Jun-07	14:11	25-Jun-07	16:13
ICV-10081	ICV-10081	25-Jun-07	16:13	25-Jun-07	16:13
TB070207B2	TB070207B2	03-Jul-07	5:51	03-Jul-07	6:25
CCV-10196	CCV-10196	03-Jul-07	6:25	03-Jul-07	7:04
LCS-10196	LCS-10196	03-Jul-07	7:04	03-Jul-07	7:42
MB-10196	MB-10196	03-Jul-07	7:42	03-Jul-07	13:26
AOC9-SB12-1/D (12') DL	0706146-004BDL	03-Jul-07	13:26	03-Jul-07	14:43
AOC9-SB12-1 (12') DL	0706146-003BDL	03-Jul-07	14:43	03-Jul-07	14:43
TB070307B2	TB070307B2	03-Jul-07	18:54	03-Jul-07	19:23
CCV-10207	CCV-10207	03-Jul-07	19:23	03-Jul-07	20:01
LCS-10207	LCS-10207	03-Jul-07	20:01	03-Jul-07	20:40
AOC9-SB11-1 (11.5')	0706146-001BMS	03-Jul-07	20:40	03-Jul-07	21:18
AOC9-SB11-1 (11.5')	0706146-001BMSD	03-Jul-07	21:18	03-Jul-07	22:34
MB-10207	MB-10207	03-Jul-07	22:34	03-Jul-07	23:12
AOC9-SB11-1 (11.5') DL	0706146-001BDL	03-Jul-07	23:12	03-Jul-07	23:12

Comments:

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ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method:	SW8260B	**AAB#:**	
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID #:	MS03_10		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB050907A3	TB050907A3	09-May-07	9:11	09-May-07	9:49
ICAL 2.0PPB	ICAL 2.0PPB	09-May-07	9:49	09-May-07	10:25
ICAL 5.0PPB	ICAL 5.0PPB	09-May-07	10:25	09-May-07	10:59
ICAL 20PPB	ICAL 20PPB	09-May-07	10:59	09-May-07	11:36
ICAL 50PPB	ICAL 50PPB	09-May-07	11:36	09-May-07	12:10
ICAL 100PPB	ICAL 100PPB	09-May-07	12:10	09-May-07	13:52
ICAL 150PPB	ICAL 150PPB	09-May-07	13:52	09-May-07	14:25
ICAL 200PPB	ICAL 200PPB	09-May-07	14:25	09-May-07	16:41
ICV-9583	ICV-9583	09-May-07	16:41	09-May-07	16:41
TB062207A3	TB062207A3	22-Jun-07	11:06	22-Jun-07	11:35
CCV-10059	CCV-10059	22-Jun-07	11:35	22-Jun-07	12:15
LCS-10059	LCS-10059	22-Jun-07	12:15	22-Jun-07	12:49
LCSD-10059	LCSD-10059	22-Jun-07	12:49	22-Jun-07	13:58
MB-10059	MB-10059	22-Jun-07	13:58	22-Jun-07	16:14
AOC9-SB06-2 (10.5')	0706136-002A	22-Jun-07	16:14	22-Jun-07	16:14
TB062507A3	TB062507A3	25-Jun-07	6:46	25-Jun-07	7:31
ICAL 2.0PPB	ICAL 2.0PPB	25-Jun-07	7:31	25-Jun-07	8:08
ICAL 5.0PPB	ICAL 5.0PPB	25-Jun-07	8:08	25-Jun-07	8:44
ICAL 20PPB	ICAL 20PPB	25-Jun-07	8:44	25-Jun-07	9:20
ICAL 50PPB	ICAL 50PPB	25-Jun-07	9:20	25-Jun-07	9:54
ICAL 100PPB	ICAL 100PPB	25-Jun-07	9:54	25-Jun-07	10:28
ICAL 150PPB	ICAL 150PPB	25-Jun-07	10:28	25-Jun-07	11:02
ICAL 200PPB	ICAL 200PPB	25-Jun-07	11:02	26-Jun-07	15:16
TB062607A3	TB062607A3	26-Jun-07	7:46	26-Jun-07	8:15
CCV-10069	CCV-10069	26-Jun-07	8:15	26-Jun-07	9:33
MB-10069	MB-10069	26-Jun-07	9:33	26-Jun-07	10:07
AOC9-SB11-2 (15.5')	0706146-002A	26-Jun-07	10:07	26-Jun-07	10:41
AOC9-SB12-2 (15.5')	0706146-005A	26-Jun-07	10:41	26-Jun-07	15:16
ICV-10069	ICV-10069	26-Jun-07	15:16	26-Jun-07	15:16
LCS-10069	LCS-10069	26-Jun-07	15:16	26-Jun-07	15:50
LCSD-10069	LCSD-10069	26-Jun-07	15:50	26-Jun-07	15:50
TB062707A3	TB062707A3	27-Jun-07	5:59	27-Jun-07	6:27
CCV-10091	CCV-10091	27-Jun-07	6:27	27-Jun-07	7:39
MB-10091	MB-10091	27-Jun-07	7:39	27-Jun-07	14:35
AOC9-SB09-2 (16.0')	0706136-007A	27-Jun-07	14:35	27-Jun-07	15:09
AOC9-SB10-2 (20.5')	0706136-009A	27-Jun-07	15:09	27-Jun-07	15:44
AOC9-SB06-2 (10.5') DL	0706136-002ADL	27-Jun-07	15:44	27-Jun-07	16:51
LCS-10091	LCS-10091	27-Jun-07	16:51	27-Jun-07	17:25

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method:	SW8260B	**AAB#:**	
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID #:	MS03_10		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070509A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	5/9/2007 9:11:00 AM
Initial Calibration ID:	963	**File ID:**	C:\HPCHEM\1\DATA\J2830.D
Compound:	SW8260B	**Sample ID:**	TB050907A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.2	
75	30 - 60% of m/z 95	49.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	65.0	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.4	
177	5 - 9% of m/z 176	6.9	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070622A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/22/2007 11:06:00 AM
Initial Calibration ID:	963	**File ID:**	C:\HPCHEM\1\DATA\J3333.D
Compound:	SW8260B	**Sample ID:**	TB062207A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	19.1	
75	30 - 60% of m/z 95	50.6	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	0.4	
174	Greater than 50% of m/z 95	62.3	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	98.2	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070625A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/25/2007 6:46:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3390.D
Compound:	SW8260B	**Sample ID:**	TB062507A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.3	
75	30 - 60% of m/z 95	49.0	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.5	
174	Greater than 50% of m/z 95	70.0	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	95.8	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070626B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/26/2007 7:46:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3399.D
Compound:	SW8260B	**Sample ID:**	TB062607A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.0	
75	30 - 60% of m/z 95	48.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	74.1	
175	5 - 9% of m/z 174	7.1	
176	Greater than 95% but less than 101% of m/z 174	95.5	
177	5 - 9% of m/z 176	6.9	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070627A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/27/2007 5:59:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3415.D
Compound:	SW8260B	**Sample ID:**	TB062707A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.9	
75	30 - 60% of m/z 95	49.6	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	70.2	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.7	

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ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070621A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/21/2007 6:45:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9024.D
Compound:	SW8260B	**Sample ID:**	TB062107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.2	
75	30 - 60% of m/z 95	54.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	85.9	
175	5 - 9% of m/z 174	7.6	
176	Greater than 95% but less than 101% of m/z 174	97.6	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070622D
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/22/2007 11:41:00 PM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9094.D
Compound:	SW8260B	**Sample ID:**	TB062207A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.2	
75	30 - 60% of m/z 95	52.7	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	88.6	
175	5 - 9% of m/z 174	7.5	
176	Greater than 95% but less than 101% of m/z 174	100.5	
177	5 - 9% of m/z 176	5.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070625C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/25/2007 10:07:00 PM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9160.D
Compound:	SW8260B	**Sample ID:**	TB062507A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.1	
75	30 - 60% of m/z 95	46.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0.3	
174	Greater than 50% of m/z 95	95.6	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.8	
177	5 - 9% of m/z 176	6.5	

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ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070626B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/26/2007 1:24:00 PM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9181.D
Compound:	SW8260B	**Sample ID:**	TB062607A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	16.0	
75	30 - 60% of m/z 95	44.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.2	
174	Greater than 50% of m/z 95	91.7	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.6	

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ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070627A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	6/25/2007 9:43:00 AM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1123.D
Compound:	SW8260B	**Sample ID:**	TB062507A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.3	
75	30 - 60% of m/z 95	54.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	8.1	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	72.1	
175	5 - 9% of m/z 174	8.5	
176	Greater than 95% but less than 101% of m/z 174	99.2	
177	5 - 9% of m/z 176	7.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070703C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	7/3/2007 5:51:00 AM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1270.D
Compound:	SW8260B	**Sample ID:**	TB070207B2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.1	
75	30 - 60% of m/z 95	53.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	5.9	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	74.1	
175	5 - 9% of m/z 174	6.7	
176	Greater than 95% but less than 101% of m/z 174	98.0	
177	5 - 9% of m/z 176	5.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070703E
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	7/3/2007 6:54:00 PM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1291.D
Compound:	SW8260B	**Sample ID:**	TB070307B2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.6	
75	30 - 60% of m/z 95	53.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	5.9	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	64.4	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	98.5	
177	5 - 9% of m/z 176	6.5	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Tuesday, July 10, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0706159, 0706165

Dear Robert Meyers:

Life Science Laboratories, Inc. received samples on 6/26/2007 and 6/27/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt.. The temperatures of the coolers ranged from -1.2°C to 5.2°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Percent Moisture	ASTM D2216	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: 398

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706159, 0706165
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): 7-12-07

Supervisor/Reviewed by (Initials/Date): 7-12-07

QA/QC Review (Initials/Date): 7/12/07

File Name: G:\Narratives\MSVoa\0706159msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-502.2, 105 m x 0.53 mm ID and Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column, both with a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements except: AOC9-SB20-1 (11.5') RA [0706165-001ARA]. Samples were preserved.

Laboratory Control Sample
The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS-10091	Naphthalene	1
LCS-10157	1,2-Dibromo-3-chloropropane	2
	Naphthalene	1
LCS/LCSD-10171	Naphthalene	2
LCSD-10171	1,2-Dibromo-3-chloropropane	2
LCS/LCSD-10188	Several	2,3
LCS/LCSD-10273	Dichlorodifluoromethane	2

1 The recovery exceeded the upper control limit and was detected above the PQL/RL in some associated samples. No corrective action was taken.

2 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

3 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

MS/MSD/MSB
The following compounds did not meet matrix spike/matrix spike duplicate percent recovery and/or RPD criteria:

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706159, 0706165
Methodology: 8260B

Sample Description	Sample #	Compound	% REC	RPD	Corrective Action
AOC9-SB16-1 (15.5')	0706159-007AMS/MSD	Several	X		1
AOC9-SB23-2 (15.5')	0706165-008A MS/MSD	Naphthalene	X		1
		1,2-Dibromo-3-chloropropane	X		1

1 The recovery exceeded the upper and lower control limit and some were detected above the PQL/RL in the associated sample. No corrective action was taken.

2 The recovery exceeded the upper and lower control limit the analyte was detected above the PQL/RL in the associated sample. No corrective action was taken.

Surrogate Standards
There were numerous surrogate standard recovery failures in the SDG. Matrix effects are suspected. Samples were reanalyzed at the same or higher dilution to confirm recovery or demonstrate a reduction in matrix effects on recovery. Both sets of data are reported. No further corrective action was taken.

Internal Standards
There were numerous internal standard recovery failures in the SDG. Matrix effects are suspected. Samples were reanalyzed at the same or higher dilution to confirm recovery or demonstrate a reduction in matrix effects on recovery. Both sets of data are reported. No further corrective action was taken.

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-10157	MS#3	Chloroethane	-29.9		1
		1,2-Dibromo-3-chloropropane	-27.8		1
		1,2,4-Trichlorobenzene	-20.8		1
		Naphthalene	-47.1		2
		1,2,3-Trichlorobenzene	-24.8		1
CCV-10171	MS#3	Several	X		1
CCV-10251/10252	MS#2	Chloroethane	-24.1		1
		2-Chlorotoluene	-24.1		1
		4-Chlorotoluene	-22.5		1
CCV-10188		Several			1,3
CCV-10274	MS#2	Dichlorodifluoromethane	28.5		3
		Acetone	-25.9		1

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706159, 0706165
Methodology: 8260B

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
		1,1,2,2-Tetrachloroethane	-20.7		1
		n-Propylbenzene	-23.2		2
		2-Chlorotoluene	-25.8		1
		4-Chlorotoluene	-24.2		1
CCV-10273	MS#3	Several			3

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. This excursion is allowed by project variance. No corrective action was taken.

2 The recovery exceeded the upper control limit and was detected above the PQL/RL in the associated samples. No corrective action was taken.

3 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Initial Calibration Verification
The following initial calibration verification compound(s) exceeded method percent drift and/or RRF criteria:

ICV ID	Instrument	Compound	%D	RRF	Corrective Action
ICV-10081	MS#2	Dichlorodifluoromethane	-34.9		2
ICV-10253	MS#3	4-Methyl-2-pentanone	29.1		1
		Dichlorodifluoromethane	-67.9		2

1 The associated initial calibration verification also demonstrates a sensitivity loss for this analyte. The analyte met acceptance criteria in the LCS and was not detected in the associated samples. No corrective action was taken.

2 The associated initial calibration verification also demonstrates a sensitivity gain for this analyte. The analyte met acceptance criteria in the LCS and was not detected in the associated samples. No corrective action was taken.

Preparation Blanks
The following compound(s) were detected in the following preparation blank(s):

Preparation Blank	Compound	Concentration	Corrective Action
MB-10157	Methylene Chloride	3.42	1

1 This analyte is a common laboratory contaminant and the concentration is less than the PQL/RL. The method or QAPP does not require corrective action.

Life Science Laboratories, Inc.

Date: *10-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706159

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706159-001A	AOC9-SB13-1 (16.5')		6/25/2007	6/26/2007
0706159-001B	AOC9-SB13-1 (16.5')		6/25/2007	6/26/2007
0706159-001C	AOC9-SB13-1 (16.5')		6/25/2007	6/26/2007
0706159-002A	AOC9-SB13-2 (21.5')		6/25/2007	6/26/2007
0706159-002B	AOC9-SB13-2 (21.5')		6/25/2007	6/26/2007
0706159-002C	AOC9-SB13-2 (21.5')		6/25/2007	6/26/2007
0706159-003A	AOC9-SB14-1 (16.5')		6/25/2007	6/26/2007
0706159-003B	AOC9-SB14-1 (16.5')		6/25/2007	6/26/2007
0706159-003C	AOC9-SB14-1 (16.5')		6/25/2007	6/26/2007
0706159-004A	AOC9-SB14-2 (22.5')		6/25/2007	6/26/2007
0706159-004B	AOC9-SB14-2 (22.5')		6/25/2007	6/26/2007
0706159-004C	AOC9-SB14-2 (22.5')		6/25/2007	6/26/2007
0706159-005A	AOC9-SB15-1 (18.5')		6/25/2007	6/26/2007
0706159-005B	AOC9-SB15-1 (18.5')		6/25/2007	6/26/2007
0706159-005C	AOC9-SB15-1 (18.5')		6/25/2007	6/26/2007
0706159-006A	AOC9-SB15-2 (22.5')		6/25/2007	6/26/2007
0706159-006B	AOC9-SB15-2 (22.5')		6/25/2007	6/26/2007
0706159-006C	AOC9-SB15-2 (22.5')		6/25/2007	6/26/2007
0706159-007A	AOC9-SB16-1 (15.5')		6/26/2007	6/26/2007
0706159-007B	AOC9-SB16-1 (15.5')		6/26/2007	6/26/2007
0706159-007C	AOC9-SB16-1 (15.5')		6/26/2007	6/26/2007
0706159-008A	AOC9-SB16-2 (20.5')		6/26/2007	6/26/2007
0706159-008B	AOC9-SB16-2 (20.5')		6/26/2007	6/26/2007
0706159-008C	AOC9-SB16-2 (20.5')		6/26/2007	6/26/2007
0706159-009A	AOC9-SB17-1 (11.5')		6/26/2007	6/26/2007
0706159-009B	AOC9-SB17-1 (11.5')		6/26/2007	6/26/2007
0706159-009C	AOC9-SB17-1 (11.5')		6/26/2007	6/26/2007
0706159-010A	AOC9-SB17-2 (12.0')		6/26/2007	6/26/2007
0706159-010B	AOC9-SB17-2 (12.0')		6/26/2007	6/26/2007
0706159-010C	AOC9-SB17-2 (12.0')		6/26/2007	6/26/2007
0706159-011A	AOC9-SB18-1 (8.5')		6/26/2007	6/26/2007
0706159-011B	AOC9-SB18-1 (8.5')		6/26/2007	6/26/2007
0706159-011C	AOC9-SB18-1 (8.5')		6/26/2007	6/26/2007
0706159-012A	AOC9-SB18-1/D (8.5')		6/26/2007	6/26/2007
0706159-012B	AOC9-SB18-1/D (8.5')		6/26/2007	6/26/2007
0706159-012C	AOC9-SB18-1/D (8.5')		6/26/2007	6/26/2007
0706159-013A	AOC9-SB18-2 (12.5')		6/26/2007	6/26/2007
0706159-013B	AOC9-SB18-2 (12.5')		6/26/2007	6/26/2007

CLIENT:	Ecology & Environment, Inc.
Project:	Griffiss AFB
Lab Order:	0706159

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706159-013C	AOC9-SB18-2 (12.5')		6/26/2007	6/26/2007
0706159-014A	AOC9-SB19-1 (10.5')		6/26/2007	6/26/2007
0706159-014B	AOC9-SB19-1 (10.5')		6/26/2007	6/26/2007
0706159-014C	AOC9-SB19-1 (10.5')		6/26/2007	6/26/2007
0706159-015A	AOC9-SB19-2 (11.5')		6/26/2007	6/26/2007
0706159-015B	AOC9-SB19-2 (11.5')		6/26/2007	6/26/2007
0706159-015C	AOC9-SB19-2 (11.5')		6/26/2007	6/26/2007

Life Science Laboratories, Inc.

Date: *10-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706165

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706165-001A	AOC9-SB20-1 (11.5')		6/26/2007	6/27/2007
0706165-001B	AOC9-SB20-1 (11.5')		6/26/2007	6/27/2007
0706165-001C	AOC9-SB20-1 (11.5')		6/26/2007	6/27/2007
0706165-002A	AOC9-SB20-2 (12.5')		6/26/2007	6/27/2007
0706165-002B	AOC9-SB20-2 (12.5')		6/26/2007	6/27/2007
0706165-002C	AOC9-SB20-2 (12.5')		6/26/2007	6/27/2007
0706165-003A	AOC9-SB21-1 (11.5')		6/26/2007	6/27/2007
0706165-003B	AOC9-SB21-1 (11.5')		6/26/2007	6/27/2007
0706165-003C	AOC9-SB21-1 (11.5')		6/26/2007	6/27/2007
0706165-004A	AOC9-SB21-2 (15.5')		6/26/2007	6/27/2007
0706165-004B	AOC9-SB21-2 (15.5')		6/26/2007	6/27/2007
0706165-004C	AOC9-SB21-2 (15.5')		6/26/2007	6/27/2007
0706165-005A	AOC9-SB22-1 (12.5')		6/26/2007	6/27/2007
0706165-005B	AOC9-SB22-1 (12.5')		6/26/2007	6/27/2007
0706165-005C	AOC9-SB22-1 (12.5')		6/26/2007	6/27/2007
0706165-006A	AOC9-SB22-2 (15.5')		6/26/2007	6/27/2007
0706165-006B	AOC9-SB22-2 (15.5')		6/26/2007	6/27/2007
0706165-006C	AOC9-SB22-2 (15.5')		6/26/2007	6/27/2007
0706165-007A	AOC9-SB23-1 (13.5')		6/27/2007	6/27/2007
0706165-007B	AOC9-SB23-1 (13.5')		6/27/2007	6/27/2007
0706165-007C	AOC9-SB23-1 (13.5')		6/27/2007	6/27/2007
0706165-008A	AOC9-SB23-2 (15.5')		6/27/2007	6/27/2007
0706165-008B	AOC9-SB23-2 (15.5')		6/27/2007	6/27/2007
0706165-008C	AOC9-SB23-2 (15.5')		6/27/2007	6/27/2007
0706165-009A	AOC9-SB24-1 (12.5')		6/27/2007	6/27/2007
0706165-009B	AOC9-SB24-1 (12.5')		6/27/2007	6/27/2007
0706165-009C	AOC9-SB24-1 (12.5')		6/27/2007	6/27/2007
0706165-010A	AOC9-SB24-1/D (12.5')		6/27/2007	6/27/2007
0706165-010B	AOC9-SB24-1/D (12.5')		6/27/2007	6/27/2007
0706165-010C	AOC9-SB24-1/D (12.5')		6/27/2007	6/27/2007
0706165-011A	AOC9-SB24-2 (15.5')		6/27/2007	6/27/2007
0706165-011B	AOC9-SB24-2 (15.5')		6/27/2007	6/27/2007
0706165-011C	AOC9-SB24-2 (15.5')		6/27/2007	6/27/2007
0706165-012A	AOC9-SB25-1 (11.5')		6/27/2007	6/27/2007
0706165-012B	AOC9-SB25-1 (11.5')		6/27/2007	6/27/2007
0706165-012C	AOC9-SB25-1 (11.5')		6/27/2007	6/27/2007
0706165-013A	AOC9-SB25-2 (16.5')		6/27/2007	6/27/2007
0706165-013B	AOC9-SB25-2 (16.5')		6/27/2007	6/27/2007

CLIENT:	Ecology & Environment, Inc.
Project:	Griffiss AFB
Lab Order:	0706165

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706165-013C	AOC9-SB25-2 (16.5')		6/27/2007	6/27/2007

Lab Order: 0706159
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706159-001B	AOC9-SB13-1 (16.5')	6/25/2007 2:40:00 PM	Soil	Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/5/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/3/2007
0706159-001C				Percent Moisture			6/26/2007
0706159-002A	AOC9-SB13-2 (21.5')	6/25/2007 3:00:00 PM		Volatile Organic Compounds by GC/MS			6/27/2007
				Volatile Organic Compounds by GC/MS			6/27/2007
0706159-002C				Percent Moisture			6/26/2007
0706159-003B	AOC9-SB14-1 (16.5')	6/25/2007 4:15:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/3/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/5/2007
0706159-003C				Percent Moisture			6/26/2007
0706159-004A	AOC9-SB14-2 (22.5')	6/25/2007 5:00:00 PM		Volatile Organic Compounds by GC/MS			6/27/2007
0706159-004C				Percent Moisture			6/26/2007
0706159-005B	AOC9-SB15-1 (18.5')	6/25/2007 5:40:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/5/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/9/2007
0706159-005C				Percent Moisture			6/26/2007
0706159-006A	AOC9-SB15-2 (22.5')	6/25/2007 5:50:00 PM		Volatile Organic Compounds by GC/MS			6/27/2007
0706159-006C				Percent Moisture			6/26/2007
0706159-007A	AOC9-SB16-1 (15.5')	6/26/2007 8:05:00 AM		Volatile Organic Compounds by GC/MS			6/27/2007
0706159-007C				Percent Moisture			6/26/2007
0706159-008A	AOC9-SB16-2 (20.5')	6/26/2007 8:20:00 AM		Volatile Organic Compounds by GC/MS			7/3/2007
0706159-008C				Percent Moisture			6/26/2007
0706159-009B	AOC9-SB17-1 (11.5')	6/26/2007 9:25:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/4/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/5/2007
0706159-009C				Percent Moisture			6/26/2007
0706159-010A	AOC9-SB17-2 (12.0')	6/26/2007 9:27:00 AM		Volatile Organic Compounds by GC/MS			6/27/2007
0706159-010C				Percent Moisture			6/26/2007

Lab Order: 0706159
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706159-011B	AOC9-SB18-1 (8.5')	6/26/2007 10:25:00 AM	Soil	Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/5/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/4/2007
0706159-011C				Percent Moisture			6/26/2007
0706159-012B	AOC9-SB18-1/D (8.5')			Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/5/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/4/2007
0706159-012C				Percent Moisture			6/26/2007
0706159-013A	AOC9-SB18-2 (12.5')	6/26/2007 10:40:00 AM		Volatile Organic Compounds by GC/MS			6/27/2007
0706159-013C				Percent Moisture			6/26/2007
0706159-014B	AOC9-SB19-1 (10.5')	6/26/2007 11:20:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		6/26/2007	7/4/2007
0706159-014C				Percent Moisture			6/26/2007
0706159-015A	AOC9-SB19-2 (11.5')	6/26/2007 11:25:00 AM		Volatile Organic Compounds by GC/MS			6/27/2007
0706159-015C				Percent Moisture			6/26/2007

Lab Order: 0706165
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706165-001A	AOC9-SB20-1 (11.5')	6/26/2007 2:05:00 PM	Soil	Volatile Organic Compounds by GC/MS			7/10/2007
				Volatile Organic Compounds by GC/MS			7/10/2007
0706165-001C				Percent Moisture			6/27/2007
0706165-002A	AOC9-SB20-2 (12.5')	6/26/2007 2:08:00 PM		Volatile Organic Compounds by GC/MS			7/2/2007
				Volatile Organic Compounds by GC/MS			7/5/2007
				Volatile Organic Compounds by GC/MS			7/2/2007
0706165-002C				Percent Moisture			6/27/2007
0706165-003B	AOC9-SB21-1 (11.5')	6/26/2007 2:55:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/5/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/9/2007
0706165-003C				Percent Moisture			6/27/2007
0706165-004A	AOC9-SB21-2 (15.5')	6/26/2007 3:05:00 PM		Volatile Organic Compounds by GC/MS			7/2/2007
				Volatile Organic Compounds by GC/MS			7/2/2007
				Volatile Organic Compounds by GC/MS			7/5/2007
0706165-004C				Percent Moisture			6/27/2007
0706165-005B	AOC9-SB22-1 (12.5')	6/26/2007 3:45:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/5/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/9/2007
0706165-005C				Percent Moisture			6/27/2007
0706165-006A	AOC9-SB22-2 (15.5')	6/26/2007 3:55:00 PM		Volatile Organic Compounds by GC/MS			7/2/2007
				Volatile Organic Compounds by GC/MS			7/2/2007
0706165-006C				Percent Moisture			6/27/2007
0706165-007B	AOC9-SB23-1 (13.5')	6/27/2007 9:20:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/9/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/5/2007
0706165-007C				Percent Moisture			6/27/2007
0706165-008A	AOC9-SB23-2 (15.5')	6/27/2007 9:26:00 AM		Volatile Organic Compounds by GC/MS			7/2/2007
				Volatile Organic Compounds by GC/MS			7/5/2007
				Volatile Organic Compounds by GC/MS			7/2/2007

Lab Order: 0706165
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706165-008C	AOC9-SB23-2 (15.5')	6/27/2007 9:26:00 AM	Soil	Percent Moisture			6/27/2007
0706165-009B	AOC9-SB24-1 (12.5')	6/27/2007 10:35:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/5/2007
0706165-009C				Percent Moisture			6/27/2007
0706165-010B	AOC9-SB24-1/D (12.5')			Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/9/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/5/2007
0706165-010C				Percent Moisture			6/27/2007
0706165-011A	AOC9-SB24-2 (15.5')	6/27/2007 10:40:00 AM		Volatile Organic Compounds by GC/MS			7/5/2007
				Volatile Organic Compounds by GC/MS			7/2/2007
				Volatile Organic Compounds by GC/MS			7/2/2007
0706165-011C				Percent Moisture			6/27/2007
0706165-012B	AOC9-SB25-1 (11.5')	6/27/2007 11:40:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		7/5/2007	7/9/2007
0706165-012C				Percent Moisture			6/27/2007
0706165-013A	AOC9-SB25-2 (16.5')	6/27/2007 11:50:00 AM		Volatile Organic Compounds by GC/MS			7/2/2007
				Volatile Organic Compounds by GC/MS			7/5/2007
				Volatile Organic Compounds by GC/MS			7/2/2007
0706165-013C				Percent Moisture			6/27/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs SGAM Encore 8260	PCBs					DEPH FT.	READINGS PPM: FID	Comments	PID
AOC9-SB13-1 (16.5)	6/25/07	1440	Soil	Grab	5	4	1					16.5	2915		249
AOC9-SB13-2 (21.5)	^	1500	^	^	5	4	1					21.5	52.4		6.6
AOC9-SB14-1 (16.5')		1615			5	4	1					16.5	342		247
AOC9-SB14-2 (22.5')		1700			5	4	1					22.5	1.5		1.8
AOC9-SB15-1 (18.5')		1740			5	4	1					18.5	2995		671
AOC9-SB15-2 (22.5)	6/25/07	1750	Soil	Grab	5	4	1					22.5	0		.98
AOC9-SB16-1 (15.5)	6/26/07	0805			15	12	3			MS/MSD		15.5	2100		4.5
AOC9-SB16-2 (20.5)	^	0820			5	4	1					20.5	0		.19
AOC9-SB17-1 (11'.5)		0925			5	4	1					11.5	643		58
AOC9-SB17-2 (12.0)		0927			5	4	1					12.0	0		11.4
AOC9-SB18-1 (8.5)		1025			5	4	1					8.5	2844		249
AOC9-SB18-1/D (8.5)	6/26/07	1025	Soil	Grab	5	4	1					8.5	2844		249

Relinquished by:	Date: 6/26/07 Time: 1220	Received by:	Date: 6/26/07 Time: 1331
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/26/07 Time: 1421	Received by Lab:	Date: 6/26/07 Time: ~~1444~~ 1421
Shipment Method:		Airbill Number:	

Turnaround Time Required:

Routine

Rush (Specify) 24 hr

Temperature: 5.2°C, -1.2°C on ice custody seals INTACT

Comments:

15

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: FORMER GRIFFISS AFB (AOC9)

Sampled by: JAMES MAYS

Client Contact: ROBERT MEYERS Phone #(716) 684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Sgram 8260	PCT's	Depth (Ft.)	Readings PPM FID	Comments	PID
AOC9-SB18-2 (12.5)	6/26/07	1040	Soil	Grab	5	4	1	12.5	0		1.9
AOC9-SB19-1 (10.5)	↓	1120	↓	↓	5	4	1	10.5	183		175
AOC9-SB19-2 (11.5)	6/26/07	1125	Soil	Grab	5	4	1	11.5	0		.90

Relinquished by:	Date: 6/26/07	Time: 1220	Received by:	Date: 6/26/07	Time: 1351
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date: 6/26/07	Time: 1421	Received by Lab:	Date: 6/26/07	Time: 1421
Shipment Method:			Airbill Number:		

Turnaround Time Required:

Routine

Rush (Specify) 24 hr.

Comments:

Temperature: 5.2°C, -1.2°C ON ICE

Custody Seals INTACT

16

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: E & E

Date and Time Received: **6/26/2007 2:21:00 PM**

Work Order Number **0706159**

Received by: ads

Checklist completed by: _____ Initials 6/26/07 Date

Reviewed by: MS Initials 6/26/07 Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E&E 0706159

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706159 001-015	C		JC	6/24/07 16:00	PMOST	6/26/07 17:00
001-015	A		DMB	6/25/07 15:30	8260S	NL

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs	SVOCs 8270 Target Analytes	PCBs				Depth (FT)	Readings PPM: FID	Comments	PID
AOC9-SB20-1 (11.5)	6/26/07	1405	Soil	Grab	5	4	1					11.5	720		2.1
AOC9-SB20-2 (12.5)	^	1408	^	^	5	4	1					12.5	0		2.0
AOC9-SB21-1 (11.5)		1455			5	4	1					11.5	4550		272
AOC9-SB21-2 (15.5)		1505			5	4	1					15.5	0		-18
AOC9-SB22-1 (12.5)		1545			5	4	1					12.5	8447		443
AOC9-SB22-2 (15.5)	6/26/07	1555	Soil	Grab	5	4	1					15.5	0		.51
AOC9-SB23-1 (13.5)	6/27/07	0920			5	4	1					13.5	1597		410
AOC9-SB23-2 (15.5)	^	0926			15	12	3		MS/MSD			15.5	0		.18
AOC9-SB24-1 (12.5)		1035			5	4	1					12.5	2465		430
AOC9-SB24-1/D (12.5)		1035			5	4	1					12.5	2465		430
AOC9-SB24-2 (15.5)		1040			5	4	1					15.5	0		.11
AOC9-SB25-1 (11.5)	6/27/07	1140	Soil	Grab	5	4	1					11.5	268		150

Relinquished by:	Date: 6/27/07	Time: 1347	Received by:	Date: 6/27/07	Time: 1347
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date: 6/27/07	Time: 1445	Received by Lab:	Date: 6/27/07	Time: 1445
Shipment Method:			Airbill Number:		

Turnaround Time Required:

Routine

Rush (Specify) 24hr.

Comments:

Temperature: -1.2°C, 3.4°C ON ICE

Custody Seals INTACT

19

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

2 of 2

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone #(716) 6848060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs 5gram 8260 Encore	Analysis/Method: PCT's	Depth (FT)	Readings PPM: FID	Comments	Readings PPM: PID
AOC9-SB25-2 (16.5)	6/27/07	1150	Soil	Grab	5	4	1	16.5	0		.19

Relinquished by:	Date: 6/27/07	Time: 1347	Received by:	Date: 6/27/07	Time: 1347
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date: 6/27/07	Time: 1445	Received by Lab:	Date: 6/27/07	Time: 1445
Shipment Method:			Airbill Number:		

Turnaround Time Required:

Routine

Rush (Specify) 24 hr

Temperature: -1.2°C, 3.4°C ON ICE

Custody Seals INTACT

Comments:

20

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E** Date and Time Received: **6/27/2007 2:45:00 PM**

Work Order Number **0706165** Received by: ads

Checklist completed by: _____ 6/27/07 Reviewed by: MS 6/27/07
Initials Date Initials Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E+E. 070616S

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706165-001→013	C		KW	6/27/07 16:00	PMoist	6/27/07 16:30
GGL-013A	A		DMB	6/26/07 16:00	8260S	NR

Monika Santucci

From: Krajewski, Barbara [BKrajewski@ene.com]
Sent: Monday, July 09, 2007 11:01 AM
To: Monika Santucci
Subject: Griffis Naphthalene

Monika,

Just to make it official. You do not need to reanalyze sample SB21-2 based on the naphthalene CCV response. Please report the result you have with qualification.

Thank you,

Barb Krajewski
Ecology & Environment, Inc.
716-684-8060 x3463
bkrajewski@ene.com

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB13-1 (16.5')	0706159-001B
AOC9-SB13-1 (16.5') DL	0706159-001BDL
AOC9-SB14-1 (16.5')	0706159-003B
AOC9-SB14-1 (16.5') DL	0706159-003BDL
AOC9-SB15-1 (18.5')	0706159-005B
AOC9-SB15-1 (18.5') DL	0706159-005BDL
AOC9-SB17-1 (11.5')	0706159-009B
AOC9-SB17-1 (11.5') DL	0706159-009BDL
AOC9-SB18-1 (8.5')	0706159-011B
AOC9-SB18-1 (8.5') DL	0706159-011BDL
AOC9-SB18-1/D (8.5')	0706159-012B
AOC9-SB18-1/D (8.5') DL	0706159-012BDL
AOC9-SB19-1 (10.5')	0706159-014B

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/12/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB21-1 (11.5')	0706165-003B
AOC9-SB21-1 (11.5') DL	0706165-003BDL
AOC9-SB22-1 (12.5')	0706165-005B
AOC9-SB22-1 (12.5') DL	0706165-005BDL
AOC9-SB23-1 (13.5')	0706165-007B
AOC9-SB23-1 (13.5') DL	0706165-007BDL
AOC9-SB24-1 (12.5')	0706165-009B
AOC9-SB24-1/D (12.5')	0706165-010B
AOC9-SB24-1/D (12.5') DL	0706165-010BDL
AOC9-SB25-1 (11.5')	0706165-012B

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Sanducci Name: Monika Sanducci

Date: 7/12/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB13-2 (21.5')	0706159-002A
AOC9-SB13-2 (21.5') DL	0706159-002ADL
AOC9-SB14-2 (22.5')	0706159-004A
AOC9-SB15-2 (22.5')	0706159-006A
AOC9-SB16-1 (15.5')	0706159-007A
AOC9-SB16-1 (15.5')	0706159-007AMS
AOC9-SB16-1 (15.5')	0706159-007AMSD
AOC9-SB17-2 (12.0')	0706159-010A
AOC9-SB18-2 (12.5')	0706159-013A
AOC9-SB19-2 (11.5')	0706159-015A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/12/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10157

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB20-2 (12.5')	0706165-002A
AOC9-SB21-2 (15.5')	0706165-004A
AOC9-SB22-2 (15.5')	0706165-006A
AOC9-SB23-2 (15.5')	0706165-008A
AOC9-SB23-2 (15.5')	0706165-008AMS
AOC9-SB23-2 (15.5')	0706165-008AMSD
AOC9-SB24-2 (15.5')	0706165-011A
AOC9-SB25-2 (16.5')	0706165-013A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/12/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB16-2 (20.5')	0706159-008A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/12/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB15-2 (22.5') DL	0706159-006ADL
AOC9-SB16-1 (15.5') DL	0706159-007ADL
AOC9-SB16-2 (20.5') RA	0706159-008ARA
AOC9-SB20-2 (12.5') RA	0706165-002ARA
AOC9-SB21-2 (15.5') RA	0706165-004ARA
AOC9-SB23-2 (15.5') RA	0706165-008ARA
AOC9-SB24-2 (15.5') RA	0706165-011ARA
AOC9-SB25-2 (16.5') RA	0706165-013ARA

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/12/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB20-1 (11.5')	0706165-001A
AOC9-SB20-1 (11.5') RA	0706165-001ARA

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/12/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-1 (16.5')	**Lab Sample ID:**	0706159-001B	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1286.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0154	0.593	0.302	1		FJ
1,1,1,2-Tetrachloroethane	0.0190	0.356	0.0190	1		U
1,1,1-Trichloroethane	0.0166	0.593	0.0166	1		U
1,1,2,2-Tetrachloroethane	0.0166	0.356	0.0166	1		U
1,1,2-Trichloroethane	0.0297	0.593	0.0297	1		U
1,1-Dichloroethane	0.00949	0.593	0.00949	1		U
1,1-Dichloroethene	0.0178	0.712	0.0178	1		U
1,1-Dichloropropene	0.0225	0.593	0.0225	1		U
1,2,3-Trichlorobenzene	0.0486	0.593	0.0486	1		U
1,2,3-Trichloropropane	0.0273	0.593	0.0273	1		U
1,2,4-Trichlorobenzene	0.0391	0.593	0.0391	1		U
1,2,4-Trimethylbenzene	0.00712	0.712	14.1	1		J
1,2-Dibromo-3-chloropropane	0.0368	1.19	0.0368	1		U
1,2-Dibromoethane	0.00949	0.593	0.00949	1		U
1,2-Dichlorobenzene	0.00712	0.593	0.00712	1		U
1,2-Dichloroethane	0.0130	0.356	0.0130	1		U
1,2-Dichloropropane	0.0261	0.593	0.0261	1		U
1,3,5-Trimethylbenzene	0.00949	0.593	9.83	1		J
1,3-Dichlorobenzene	0.0130	0.712	0.142	1		FJ
1,3-Dichloropropane	0.0107	0.297	0.0107	1		U
1,4-Dichlorobenzene	0.00712	0.297	1.81	1		J
1-Chlorohexane	0.0190	0.593	0.0190	1		U
2,2-Dichloropropane	0.0154	0.593	0.0154	1		U
2-Butanone	0.0498	2.37	0.0498	1		U
2-Chlorotoluene	0.00474	0.593	0.00474	1		U
4-Chlorotoluene	0.00830	0.593	0.00830	1		U
4-Methyl-2-pentanone	0.0380	2.37	0.0380	1		U
Acetone	0.0356	5.93	0.0356	1		U
Benzene	0.00593	0.297	0.00593	1		U
Bromobenzene	0.0178	0.593	0.0178	1		U
Bromochloromethane	0.0237	0.593	0.0237	1		U
Bromodichloromethane	0.00712	0.297	0.00712	1		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-1 (16.5')	**Lab Sample ID:**	0706159-001B	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1286.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0202	0.712	0.0202	1		U
Bromomethane	0.0154	1.19	0.0154	1		U
Carbon tetrachloride	0.0142	0.593	0.0142	1		U
Chlorobenzene	0.00830	0.297	8.24	1		J
Chloroethane	0.0297	0.593	0.0297	1		U
Chloroform	0.00830	0.297	0.00830	1		U
Chloromethane	0.0368	0.593	0.0368	1		U
cis-1,2-Dichloroethene	0.0190	0.593	0.0190	1		U
cis-1,3-Dichloropropene	0.0107	0.356	0.0107	1		U
Dibromochloromethane	0.00830	0.356	0.00830	1		U
Dibromomethane	0.0142	0.593	0.0142	1		U
Dichlorodifluoromethane	0.00949	0.593	0.00949	1		U
Ethylbenzene	0.0154	0.593	0.130	1		FJ
Hexachlorobutadiene	0.0451	0.356	0.0451	1		U
Isopropylbenzene	0.00593	0.593	0.391	1		FJ
Methyl tert-butyl ether	0.0154	2.37	0.0154	1		U
Methylene chloride	0.0712	0.593	0.130	1		FJ
n-Butylbenzene	0.0154	0.593	0.0154	1		U
n-Propylbenzene	0.00356	0.593	0.00356	1		U
Naphthalene	0.0249	0.593	14.6	1		J
o-Xylene	0.0202	0.593	0.0890	1		FJ
p-Isopropyltoluene	0.0202	0.712	2.46	1		J
sec-Butylbenzene	0.00593	0.593	0.949	1		J
Styrene	0.0142	0.593	0.0142	1		U
tert-Butylbenzene	0.00949	0.593	0.00949	1		U
Tetrachloroethene	0.0130	0.593	0.0130	1		U
Toluene	0.00593	0.593	0.00593	1		U
trans-1,2-Dichloroethene	0.0142	0.593	0.0142	1		U
trans-1,3-Dichloropropene	0.0178	0.593	0.0178	1		U
Trichloroethene	0.0142	0.593	0.0142	1		U
Trichlorofluoromethane	0.00949	0.593	0.00949	1		U
Vinyl chloride	0.0154	0.593	0.0154	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-1 (16.5')	**Lab Sample ID:**	0706159-001B	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1286.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0356	1.19	0.391	1		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	122	84 - 118	*
Dibromofluoromethane	79	65 - 135	
Toluene-d8	95	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2644586	1128046 - 4512186	
Chlorobenzene-d5	2942671	1392345 - 5569380	
Fluorobenzene	6084761	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-1 (16.5') DL	**Lab Sample ID:**	0706159-001BDL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1360.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0617	2.37	0.261	4		F
1,1,1,2-Tetrachloroethane	0.0759	1.42	0.0759	4		U
1,1,1-Trichloroethane	0.0664	2.37	0.0664	4		U
1,1,2,2-Tetrachloroethane	0.0664	1.42	0.0664	4		U
1,1,2-Trichloroethane	0.119	2.37	0.119	4		U
1,1-Dichloroethane	0.0380	2.37	0.0380	4		U
1,1-Dichloroethene	0.0712	2.85	0.0712	4		U
1,1-Dichloropropene	0.0902	2.37	0.0902	4		U
1,2,3-Trichlorobenzene	0.195	2.37	0.195	4		U
1,2,3-Trichloropropane	0.109	2.37	0.109	4		U
1,2,4-Trichlorobenzene	0.157	2.37	0.157	4		U
1,2,4-Trimethylbenzene	0.0285	2.85	14.2	4		
1,2-Dibromo-3-chloropropane	0.147	4.74	0.147	4		U
1,2-Dibromoethane	0.0380	2.37	0.0380	4		U
1,2-Dichlorobenzene	0.0285	2.37	0.0285	4		U
1,2-Dichloroethane	0.0522	1.42	0.0522	4		U
1,2-Dichloropropane	0.104	2.37	0.104	4		U
1,3,5-Trimethylbenzene	0.0380	2.37	9.73	4		
1,3-Dichlorobenzene	0.0522	2.85	0.0522	4		U
1,3-Dichloropropane	0.0427	1.19	0.0427	4		U
1,4-Dichlorobenzene	0.0285	1.19	1.71	4		
1-Chlorohexane	0.0759	2.37	0.0759	4		U
2,2-Dichloropropane	0.0617	2.37	0.0617	4		U
2-Butanone	0.199	9.49	0.199	4		U
2-Chlorotoluene	0.0190	2.37	0.0190	4		U
4-Chlorotoluene	0.0332	2.37	0.0332	4		U
4-Methyl-2-pentanone	0.152	9.49	0.152	4		U
Acetone	0.142	23.7	0.142	4		U
Benzene	0.0237	1.19	0.0237	4		U
Bromobenzene	0.0712	2.37	0.0712	4		U
Bromochloromethane	0.0949	2.37	0.0949	4		U
Bromodichloromethane	0.0285	1.19	0.0285	4		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-1 (16.5') DL	**Lab Sample ID:**	0706159-001BDL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1360.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0807	2.85	0.0807	4		U
Bromomethane	0.0617	4.74	0.0617	4		U
Carbon tetrachloride	0.0569	2.37	0.0569	4		U
Chlorobenzene	0.0332	1.19	8.07	4		
Chloroethane	0.119	2.37	0.119	4		U
Chloroform	0.0332	1.19	0.0332	4		U
Chloromethane	0.147	2.37	0.147	4		U
cis-1,2-Dichloroethene	0.0759	2.37	0.0759	4		U
cis-1,3-Dichloropropene	0.0427	1.42	0.0427	4		U
Dibromochloromethane	0.0332	1.42	0.0332	4		U
Dibromomethane	0.0569	2.37	0.0569	4		U
Dichlorodifluoromethane	0.0380	2.37	0.0380	4		U
Ethylbenzene	0.0617	2.37	0.0617	4		U
Hexachlorobutadiene	0.180	1.42	0.180	4		U
Isopropylbenzene	0.0237	2.37	0.427	4		F
Methyl tert-butyl ether	0.0617	9.49	0.0617	4		U
Methylene chloride	0.285	2.37	0.641	4		F
n-Butylbenzene	0.0617	2.37	0.0617	4		U
n-Propylbenzene	0.0142	2.37	0.0142	4		U
Naphthalene	0.0996	2.37	12.2	4		
o-Xylene	0.0807	2.37	0.0807	4		U
p-Isopropyltoluene	0.0807	2.85	2.33	4		F
sec-Butylbenzene	0.0237	2.37	0.925	4		F
Styrene	0.0569	2.37	0.0569	4		U
tert-Butylbenzene	0.0380	2.37	0.0380	4		U
Tetrachloroethene	0.0522	2.37	0.0522	4		U
Toluene	0.0237	2.37	0.0237	4		U
trans-1,2-Dichloroethene	0.0569	2.37	0.0569	4		U
trans-1,3-Dichloropropene	0.0712	2.37	0.0712	4		U
Trichloroethene	0.0569	2.37	0.0569	4		U
Trichlorofluoromethane	0.0380	2.37	0.0380	4		U
Vinyl chloride	0.0617	2.37	0.0617	4		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-1 (16.5') DL	**Lab Sample ID:**	0706159-001BDL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1360.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.142	4.74	0.261	4		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	112	84 - 118	
Dibromofluoromethane	88	65 - 135	
Toluene-d8	92	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2529998	1128046 - 4512186	
Chlorobenzene-d5	3038023	1392345 - 5569380	
Fluorobenzene	5714852	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-2 (21.5')	**Lab Sample ID:**	0706159-002A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	990	**File ID:**	J3426.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):		mg/Kg		**Sample Size:**	5.58 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00527	0.0185	0.9		
1,1,1,2-Tetrachloroethane	0.00017	0.00316	0.00017	0.9		U
1,1,1-Trichloroethane	0.00015	0.00527	0.00015	0.9		U
1,1,2,2-Tetrachloroethane	0.00015	0.00316	0.00015	0.9		U
1,1,2-Trichloroethane	0.00026	0.00527	0.00026	0.9		U
1,1-Dichloroethane	0.00008	0.00527	0.00008	0.9		U
1,1-Dichloroethene	0.00016	0.00632	0.00016	0.9		U
1,1-Dichloropropene	0.00020	0.00527	0.00020	0.9		U
1,2,3-Trichlorobenzene	0.00043	0.00527	0.00043	0.9		U
1,2,3-Trichloropropane	0.00024	0.00527	0.00024	0.9		U
1,2,4-Trichlorobenzene	0.00035	0.00527	0.00035	0.9		U
1,2,4-Trimethylbenzene	0.00006	0.00632	0.0384	0.9		
1,2-Dibromo-3-chloropropane	0.00033	0.0105	0.00033	0.9		U
1,2-Dibromoethane	0.00008	0.00527	0.00008	0.9		U
1,2-Dichlorobenzene	0.00006	0.00527	0.00326	0.9		F
1,2-Dichloroethane	0.00012	0.00316	0.00012	0.9		U
1,2-Dichloropropane	0.00023	0.00527	0.00023	0.9		U
1,3,5-Trimethylbenzene	0.00008	0.00527	0.0119	0.9		
1,3-Dichlorobenzene	0.00012	0.00632	0.00379	0.9		F
1,3-Dichloropropane	0.00009	0.00263	0.00009	0.9		U
1,4-Dichlorobenzene	0.00006	0.00263	0.0577	0.9		
1-Chlorohexane	0.00017	0.00527	0.00017	0.9		U
2,2-Dichloropropane	0.00014	0.00527	0.00014	0.9		U
2-Butanone	0.00044	0.0211	0.00387	0.9		F
2-Chlorotoluene	0.00004	0.00527	0.00004	0.9		U
4-Chlorotoluene	0.00007	0.00527	0.00007	0.9		U
4-Methyl-2-pentanone	0.00034	0.0211	0.00034	0.9		U
Acetone	0.00032	0.0527	0.0103	0.9		F
Benzene	0.00005	0.00263	0.00240	0.9		F
Bromobenzene	0.00016	0.00527	0.00016	0.9		U
Bromochloromethane	0.00021	0.00527	0.00021	0.9		U
Bromodichloromethane	0.00006	0.00263	0.00006	0.9		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-2 (21.5')	**Lab Sample ID:**	0706159-002A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	990	**File ID:**	J3426.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.58 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00632	0.00018	0.9		U
Bromomethane	0.00014	0.0105	0.00014	0.9		U
Carbon tetrachloride	0.00013	0.00527	0.00013	0.9		U
Chlorobenzene	0.00007	0.00263	0.447	0.9		J
Chloroethane	0.00026	0.00527	0.00026	0.9		U
Chloroform	0.00007	0.00263	0.00007	0.9		U
Chloromethane	0.00033	0.00527	0.00033	0.9		U
cis-1,2-Dichloroethene	0.00017	0.00527	0.00017	0.9		U
cis-1,3-Dichloropropene	0.00009	0.00316	0.00009	0.9		U
Dibromochloromethane	0.00007	0.00316	0.00007	0.9		U
Dibromomethane	0.00013	0.00527	0.00013	0.9		U
Dichlorodifluoromethane	0.00008	0.00527	0.00008	0.9		U
Ethylbenzene	0.00014	0.00527	0.00564	0.9		
Hexachlorobutadiene	0.00040	0.00316	0.00040	0.9		U
Isopropylbenzene	0.00005	0.00527	0.00419	0.9		F
Methyl tert-butyl ether	0.00014	0.0211	0.00014	0.9		U
Methylene chloride	0.00063	0.00527	0.00331	0.9		F
n-Butylbenzene	0.00014	0.00527	0.00119	0.9		F
n-Propylbenzene	0.00003	0.00527	0.00430	0.9		F
Naphthalene	0.00022	0.00527	0.0208	0.9		Q
o-Xylene	0.00018	0.00527	0.0200	0.9		
p-Isopropyltoluene	0.00018	0.00632	0.00018	0.9		U
sec-Butylbenzene	0.00005	0.00527	0.00109	0.9		F
Styrene	0.00013	0.00527	0.00013	0.9		U
tert-Butylbenzene	0.00008	0.00527	0.00008	0.9		U
Tetrachloroethene	0.00012	0.00527	0.00012	0.9		U
Toluene	0.00005	0.00527	0.00251	0.9		F
trans-1,2-Dichloroethene	0.00013	0.00527	0.00013	0.9		U
trans-1,3-Dichloropropene	0.00016	0.00527	0.00016	0.9		U
Trichloroethene	0.00013	0.00527	0.00013	0.9		U
Trichlorofluoromethane	0.00008	0.00527	0.00008	0.9		U
Vinyl chloride	0.00014	0.00527	0.00014	0.9		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-2 (21.5')	**Lab Sample ID:**	0706159-002A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	990	**File ID:**	J3426.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.58 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00032	0.00527	0.0386	0.9		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1289601	685144 - 2740574	
Chlorobenzene-d5	2233629	1005325 - 4021300	
Fluorobenzene	5283788	2897598 - 11590392	

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-2 (21.5') DL	**Lab Sample ID:**	0706159-002ADL	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	990	**File ID:**	J3424.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00076	0.0293	0.00615	5		F
1,1,1,2-Tetrachloroethane	0.00094	0.0176	0.00094	5		U
1,1,1-Trichloroethane	0.00082	0.0293	0.00082	5		U
1,1,2,2-Tetrachloroethane	0.00082	0.0176	0.00082	5		U
1,1,2-Trichloroethane	0.00146	0.0293	0.00146	5		U
1,1-Dichloroethane	0.00047	0.0293	0.00047	5		U
1,1-Dichloroethene	0.00088	0.0351	0.00088	5		U
1,1-Dichloropropene	0.00111	0.0293	0.00111	5		U
1,2,3-Trichlorobenzene	0.00240	0.0293	0.00240	5		U
1,2,3-Trichloropropane	0.00135	0.0293	0.00135	5		U
1,2,4-Trichlorobenzene	0.00193	0.0293	0.00193	5		U
1,2,4-Trimethylbenzene	0.00035	0.0351	0.0378	5		
1,2-Dibromo-3-chloropropane	0.00181	0.0585	0.00181	5		U
1,2-Dibromoethane	0.00047	0.0293	0.00047	5		U
1,2-Dichlorobenzene	0.00035	0.0293	0.00363	5		F
1,2-Dichloroethane	0.00064	0.0176	0.00064	5		U
1,2-Dichloropropane	0.00129	0.0293	0.00129	5		U
1,3,5-Trimethylbenzene	0.00047	0.0293	0.0107	5		F
1,3-Dichlorobenzene	0.00064	0.0351	0.00064	5		U
1,3-Dichloropropane	0.00053	0.0146	0.00053	5		U
1,4-Dichlorobenzene	0.00035	0.0146	0.0371	5		
1-Chlorohexane	0.00094	0.0293	0.00094	5		U
2,2-Dichloropropane	0.00076	0.0293	0.00076	5		U
2-Butanone	0.00246	0.117	0.00246	5		U
2-Chlorotoluene	0.00023	0.0293	0.00023	5		U
4-Chlorotoluene	0.00041	0.0293	0.00041	5		U
4-Methyl-2-pentanone	0.00187	0.117	0.00187	5		U
Acetone	0.00176	0.293	0.0212	5		F
Benzene	0.00029	0.0146	0.00029	5		U
Bromobenzene	0.00088	0.0293	0.00088	5		U
Bromochloromethane	0.00117	0.0293	0.00117	5		U
Bromodichloromethane	0.00035	0.0146	0.00035	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB13-2 (21.5') DL	**Lab Sample ID:**	0706159-002ADL	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	990	**File ID:**	J3424.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00100	0.0351	0.00100	5		U
Bromomethane	0.00076	0.0585	0.00076	5		U
Carbon tetrachloride	0.00070	0.0293	0.00070	5		U
Chlorobenzene	0.00041	0.0146	0.212	5		
Chloroethane	0.00146	0.0293	0.00146	5		U
Chloroform	0.00041	0.0146	0.00041	5		U
Chloromethane	0.00181	0.0293	0.00181	5		U
cis-1,2-Dichloroethene	0.00094	0.0293	0.00094	5		U
cis-1,3-Dichloropropene	0.00053	0.0176	0.00053	5		U
Dibromochloromethane	0.00041	0.0176	0.00041	5		U
Dibromomethane	0.00070	0.0293	0.00070	5		U
Dichlorodifluoromethane	0.00047	0.0293	0.00047	5		U
Ethylbenzene	0.00076	0.0293	0.00076	5		U
Hexachlorobutadiene	0.00222	0.0176	0.00222	5		U
Isopropylbenzene	0.00029	0.0293	0.00029	5		U
Methyl tert-butyl ether	0.00076	0.117	0.00076	5		U
Methylene chloride	0.00351	0.0293	0.0146	5		F
n-Butylbenzene	0.00076	0.0293	0.00076	5		U
n-Propylbenzene	0.00018	0.0293	0.00304	5		F
Naphthalene	0.00123	0.0293	0.0129	5		FQ
o-Xylene	0.00100	0.0293	0.00474	5		F
p-Isopropyltoluene	0.00100	0.0351	0.00100	5		U
sec-Butylbenzene	0.00029	0.0293	0.00029	5		U
Styrene	0.00070	0.0293	0.00070	5		U
tert-Butylbenzene	0.00047	0.0293	0.00047	5		U
Tetrachloroethene	0.00064	0.0293	0.00064	5		U
Toluene	0.00029	0.0293	0.00492	5		F
trans-1,2-Dichloroethene	0.00070	0.0293	0.00070	5		U
trans-1,3-Dichloropropene	0.00088	0.0293	0.00088	5		U
Trichloroethene	0.00070	0.0293	0.00070	5		U
Trichlorofluoromethane	0.00047	0.0293	0.00047	5		U
Vinyl chloride	0.00076	0.0293	0.00076	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AQC9-SB13-2 (21.5') DL	**Lab Sample ID:**	0706159-002ADL	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	990	**File ID:**	J3424.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00176	0.0293	0.0109	5		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1094008	685144 - 2740574	
Chlorobenzene-d5	1844910	1005325 - 4021300	
Fluorobenzene	5153878	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-1 (16.5')	**Lab Sample ID:**	0706159-003B	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	992	**File ID:**	M1287.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.124	4.77	5.67	8		J
1,1,1,2-Tetrachloroethane	0.153	2.86	0.153	8		UJ
1,1,1-Trichloroethane	0.133	4.77	0.133	8		UJ
1,1,2,2-Tetrachloroethane	0.133	2.86	0.133	8		UJ
1,1,2-Trichloroethane	0.238	4.77	0.238	8		UJ
1,1-Dichloroethane	0.0763	4.77	0.0763	8		UJ
1,1-Dichloroethene	0.143	5.72	0.143	8		UJ
1,1-Dichloropropene	0.181	4.77	0.181	8		UJ
1,2,3-Trichlorobenzene	0.391	4.77	0.391	8		UJ
1,2,3-Trichloropropane	0.219	4.77	0.219	8		UJ
1,2,4-Trichlorobenzene	0.315	4.77	0.315	8		UJ
1,2,4-Trimethylbenzene	0.0572	5.72	85.9	8		J
1,2-Dibromo-3-chloropropane	0.296	9.54	0.296	8		UJ
1,2-Dibromoethane	0.0763	4.77	0.0763	8		UJ
1,2-Dichlorobenzene	0.0572	4.77	0.0572	8		UJ
1,2-Dichloroethane	0.105	2.86	0.105	8		UJ
1,2-Dichloropropane	0.210	4.77	0.210	8		UJ
1,3,5-Trimethylbenzene	0.0763	4.77	50.6	8		J
1,3-Dichlorobenzene	0.105	5.72	0.105	8		UJ
1,3-Dichloropropane	0.0858	2.38	0.0858	8		UJ
1,4-Dichlorobenzene	0.0572	2.38	10.8	8		J
1-Chlorohexane	0.153	4.77	0.153	8		UJ
2,2-Dichloropropane	0.124	4.77	0.124	8		UJ
2-Butanone	0.400	19.1	0.400	8		UJ
2-Chlorotoluene	0.0381	4.77	0.0381	8		UJ
4-Chlorotoluene	0.0667	4.77	0.0667	8		UJ
4-Methyl-2-pentanone	0.305	19.1	0.305	8		UJ
Acetone	0.286	47.7	0.286	8		UJ
Benzene	0.0477	2.38	0.0477	8		UJ
Bromobenzene	0.143	4.77	0.143	8		UJ
Bromochloromethane	0.191	4.77	0.191	8		UJ
Bromodichloromethane	0.0572	2.38	0.0572	8		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-1 (16.5')	**Lab Sample ID:**	0706159-003B	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	992	**File ID:**	M1287.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.162	5.72	0.162	8		UJ
Bromomethane	0.124	9.54	0.124	8		UJ
Carbon tetrachloride	0.114	4.77	0.114	8		UJ
Chlorobenzene	0.0667	2.38	13.5	8		J
Chloroethane	0.238	4.77	0.238	8		UJ
Chloroform	0.0667	2.38	0.0667	8		UJ
Chloromethane	0.296	4.77	0.296	8		UJ
cis-1,2-Dichloroethene	0.153	4.77	0.153	8		UJ
cis-1,3-Dichloropropene	0.0858	2.86	0.0858	8		UJ
Dibromochloromethane	0.0667	2.86	0.0667	8		UJ
Dibromomethane	0.114	4.77	0.114	8		UJ
Dichlorodifluoromethane	0.0763	4.77	0.0763	8		UJ
Ethylbenzene	0.124	4.77	1.10	8		FJ
Hexachlorobutadiene	0.362	2.86	0.362	8		UJ
Isopropylbenzene	0.0477	4.77	1.24	8		FJ
Methyl tert-butyl ether	0.124	19.1	0.124	8		UJ
Methylene chloride	0.572	4.77	1.24	8		FJ
n-Butylbenzene	0.124	4.77	0.124	8		UJ
n-Propylbenzene	0.0286	4.77	2.72	8		FJ
Naphthalene	0.200	4.77	15.4	8		J
o-Xylene	0.162	4.77	0.667	8		FJ
p-Isopropyltoluene	0.162	5.72	6.25	8		J
sec-Butylbenzene	0.0477	4.77	2.29	8		FJ
Styrene	0.114	4.77	0.114	8		UJ
tert-Butylbenzene	0.0763	4.77	0.0763	8		UJ
Tetrachloroethene	0.105	4.77	0.105	8		UJ
Toluene	0.0477	4.77	0.0477	8		UJ
trans-1,2-Dichloroethene	0.114	4.77	0.114	8		UJ
trans-1,3-Dichloropropene	0.143	4.77	0.143	8		UJ
Trichloroethene	0.114	4.77	0.114	8		UJ
Trichlorofluoromethane	0.0763	4.77	0.0763	8		UJ
Vinyl chloride	0.124	4.77	0.124	8		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-1 (16.5')	**Lab Sample ID:**	0706159-003B	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	992	**File ID:**	M1287.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.286	9.54	6.34	8		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	90	52 - 149	
4-Bromofluorobenzene	119	84 - 118	*
Dibromofluoromethane	58	65 - 135	*
Toluene-d8	86	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2866158	1128046 - 4512186	
Chlorobenzene-d5	3458516	1392345 - 5569380	
Fluorobenzene	6346774	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-1 (16.5') DL	**Lab Sample ID:**	0706159-003BDL	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	992	**File ID:**	M1361.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.496	19.1	6.67	32		FJ
1,1,1,2-Tetrachloroethane	0.610	11.4	0.610	32		U
1,1,1-Trichloroethane	0.534	19.1	0.534	32		U
1,1,2,2-Tetrachloroethane	0.534	11.4	0.534	32		U
1,1,2-Trichloroethane	0.954	19.1	0.954	32		U
1,1-Dichloroethane	0.305	19.1	0.305	32		U
1,1-Dichloroethene	0.572	22.9	0.572	32		U
1,1-Dichloropropene	0.725	19.1	0.725	32		U
1,2,3-Trichlorobenzene	1.56	19.1	1.56	32		U
1,2,3-Trichloropropane	0.877	19.1	0.877	32		U
1,2,4-Trichlorobenzene	1.26	19.1	1.26	32		U
1,2,4-Trimethylbenzene	0.229	22.9	90.4	32		J
1,2-Dibromo-3-chloropropane	1.18	38.1	1.18	32		U
1,2-Dibromoethane	0.305	19.1	0.305	32		U
1,2-Dichlorobenzene	0.229	19.1	0.229	32		U
1,2-Dichloroethane	0.420	11.4	0.420	32		U
1,2-Dichloropropane	0.839	19.1	0.839	32		U
1,3,5-Trimethylbenzene	0.305	19.1	50.7	32		J
1,3-Dichlorobenzene	0.420	22.9	0.420	32		U
1,3-Dichloropropane	0.343	9.54	0.343	32		U
1,4-Dichlorobenzene	0.229	9.54	11.3	32		J
1-Chlorohexane	0.610	19.1	0.610	32		U
2,2-Dichloropropane	0.496	19.1	0.496	32		U
2-Butanone	1.60	76.3	1.60	32		U
2-Chlorotoluene	0.153	19.1	0.153	32		U
4-Chlorotoluene	0.267	19.1	0.267	32		U
4-Methyl-2-pentanone	1.22	76.3	1.22	32		U
Acetone	1.14	191	1.14	32		U
Benzene	0.191	9.54	0.191	32		U
Bromobenzene	0.572	19.1	0.572	32		U
Bromochloromethane	0.763	19.1	0.763	32		U
Bromodichloromethane	0.229	9.54	0.229	32		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-1 (16.5') DL	**Lab Sample ID:**	0706159-003BDL	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	992	**File ID:**	M1361.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.648	22.9	0.648	32		U
Bromomethane	0.496	38.1	0.496	32		U
Carbon tetrachloride	0.458	19.1	0.458	32		U
Chlorobenzene	0.267	9.54	15.1	32		J
Chloroethane	0.954	19.1	0.954	32		U
Chloroform	0.267	9.54	0.267	32		U
Chloromethane	1.18	19.1	1.18	32		U
cis-1,2-Dichloroethene	0.610	19.1	0.610	32		U
cis-1,3-Dichloropropene	0.343	11.4	0.343	32		U
Dibromochloromethane	0.267	11.4	0.267	32		U
Dibromomethane	0.458	19.1	0.458	32		U
Dichlorodifluoromethane	0.305	19.1	0.305	32		U
Ethylbenzene	0.496	19.1	0.496	32		U
Hexachlorobutadiene	1.45	11.4	1.45	32		U
Isopropylbenzene	0.191	19.1	0.191	32		U
Methyl tert-butyl ether	0.496	76.3	0.496	32		U
Methylene chloride	2.29	19.1	5.53	32		FJ
n-Butylbenzene	0.496	19.1	0.496	32		U
n-Propylbenzene	0.114	19.1	3.24	32		FJ
Naphthalene	0.801	19.1	13.5	32		FJ
o-Xylene	0.648	19.1	0.648	32		U
p-Isopropyltoluene	0.648	22.9	5.91	32		FJ
sec-Butylbenzene	0.191	19.1	2.29	32		FJ
Styrene	0.458	19.1	0.458	32		U
tert-Butylbenzene	0.305	19.1	0.305	32		U
Tetrachloroethene	0.420	19.1	0.420	32		U
Toluene	0.191	19.1	0.191	32		U
trans-1,2-Dichloroethene	0.458	19.1	0.458	32		U
trans-1,3-Dichloropropene	0.572	19.1	0.572	32		U
Trichloroethene	0.458	19.1	0.458	32		U
Trichlorofluoromethane	0.305	19.1	0.305	32		U
Vinyl chloride	0.496	19.1	0.496	32		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-1 (16.5') DL	**Lab Sample ID:**	0706159-003BDL	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	992	**File ID:**	M1361.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	1.14	38.1	6.67	32		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	131	84 - 118	*
Dibromofluoromethane	77	65 - 135	
Toluene-d8	96	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2568135	1128046 - 4512186	
Chlorobenzene-d5	2988983	1392345 - 5569380	
Fluorobenzene	5712883	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-2 (22.5')	**Lab Sample ID:**	0706159-004A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3427.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.33 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00560	0.00015	0.94		U
1,1,1,2-Tetrachloroethane	0.00018	0.00336	0.00018	0.94		U
1,1,1-Trichloroethane	0.00016	0.00560	0.00016	0.94		U
1,1,2,2-Tetrachloroethane	0.00016	0.00336	0.00016	0.94		U
1,1,2-Trichloroethane	0.00028	0.00560	0.00028	0.94		U
1,1-Dichloroethane	0.00009	0.00560	0.00009	0.94		U
1,1-Dichloroethene	0.00017	0.00672	0.00017	0.94		U
1,1-Dichloropropene	0.00021	0.00560	0.00021	0.94		U
1,2,3-Trichlorobenzene	0.00046	0.00560	0.00046	0.94		U
1,2,3-Trichloropropane	0.00026	0.00560	0.00026	0.94		U
1,2,4-Trichlorobenzene	0.00037	0.00560	0.00037	0.94		U
1,2,4-Trimethylbenzene	0.00007	0.00672	0.00007	0.94		U
1,2-Dibromo-3-chloropropane	0.00035	0.0112	0.00035	0.94		U
1,2-Dibromoethane	0.00009	0.00560	0.00009	0.94		U
1,2-Dichlorobenzene	0.00007	0.00560	0.0106	0.94		
1,2-Dichloroethane	0.00012	0.00336	0.00012	0.94		U
1,2-Dichloropropane	0.00025	0.00560	0.00025	0.94		U
1,3,5-Trimethylbenzene	0.00009	0.00560	0.00009	0.94		U
1,3-Dichlorobenzene	0.00012	0.00672	0.000930	0.94		F
1,3-Dichloropropane	0.00010	0.00280	0.00010	0.94		U
1,4-Dichlorobenzene	0.00007	0.00280	0.0194	0.94		
1-Chlorohexane	0.00018	0.00560	0.00018	0.94		U
2,2-Dichloropropane	0.00015	0.00560	0.00015	0.94		U
2-Butanone	0.00047	0.0224	0.00342	0.94		F
2-Chlorotoluene	0.00004	0.00560	0.00004	0.94		U
4-Chlorotoluene	0.00008	0.00560	0.00008	0.94		U
4-Methyl-2-pentanone	0.00036	0.0224	0.00036	0.94		U
Acetone	0.00034	0.0560	0.0142	0.94		F
Benzene	0.00006	0.00280	0.00148	0.94		F
Bromobenzene	0.00017	0.00560	0.00017	0.94		U
Bromochloromethane	0.00022	0.00560	0.00022	0.94		U
Bromodichloromethane	0.00007	0.00280	0.00007	0.94		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-2 (22.5')	**Lab Sample ID:**	0706159-004A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3427.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.33 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00672	0.00019	0.94		U
Bromomethane	0.00015	0.0112	0.00015	0.94		U
Carbon tetrachloride	0.00013	0.00560	0.00013	0.94		U
Chlorobenzene	0.00008	0.00280	0.0538	0.94		
Chloroethane	0.00028	0.00560	0.00028	0.94		U
Chloroform	0.00008	0.00280	0.00008	0.94		U
Chloromethane	0.00035	0.00560	0.00035	0.94		U
cis-1,2-Dichloroethene	0.00018	0.00560	0.00018	0.94		U
cis-1,3-Dichloropropene	0.00010	0.00336	0.00010	0.94		U
Dibromochloromethane	0.00008	0.00336	0.00008	0.94		U
Dibromomethane	0.00013	0.00560	0.00013	0.94		U
Dichlorodifluoromethane	0.00009	0.00560	0.00009	0.94		U
Ethylbenzene	0.00015	0.00560	0.00015	0.94		U
Hexachlorobutadiene	0.00043	0.00336	0.00043	0.94		U
Isopropylbenzene	0.00006	0.00560	0.00006	0.94		U
Methyl tert-butyl ether	0.00015	0.0224	0.00015	0.94		U
Methylene chloride	0.00067	0.00560	0.00327	0.94		F
n-Butylbenzene	0.00015	0.00560	0.00015	0.94		U
n-Propylbenzene	0.00003	0.00560	0.00003	0.94		U
Naphthalene	0.00024	0.00560	0.00283	0.94		FQ
o-Xylene	0.00019	0.00560	0.00019	0.94		U
p-Isopropyltoluene	0.00019	0.00672	0.00019	0.94		U
sec-Butylbenzene	0.00006	0.00560	0.00006	0.94		U
Styrene	0.00013	0.00560	0.00013	0.94		U
tert-Butylbenzene	0.00009	0.00560	0.00009	0.94		U
Tetrachloroethene	0.00012	0.00560	0.00012	0.94		U
Toluene	0.00006	0.00560	0.00133	0.94		F
trans-1,2-Dichloroethene	0.00013	0.00560	0.00013	0.94		U
trans-1,3-Dichloropropene	0.00017	0.00560	0.00017	0.94		U
Trichloroethene	0.00013	0.00560	0.00013	0.94		U
Trichlorofluoromethane	0.00009	0.00560	0.00009	0.94		U
Vinyl chloride	0.00015	0.00560	0.00015	0.94		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB14-2 (22.5')	**Lab Sample ID:**	0706159-004A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3427.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.33 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00560	0.00034	0.94		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1261667	685144 - 2740574	
Chlorobenzene-d5	2102052	1005325 - 4021300	
Fluorobenzene	5646382	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-1 (18.5')	**Lab Sample ID:**	0706159-005B	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	992	**File ID:**	M1362.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.508	19.5	52.9	32		J
1,1,1,2-Tetrachloroethane	0.625	11.7	0.625	32		U
1,1,1-Trichloroethane	0.547	19.5	0.547	32		U
1,1,2,2-Tetrachloroethane	0.547	11.7	0.547	32		U
1,1,2-Trichloroethane	0.977	19.5	0.977	32		U
1,1-Dichloroethane	0.313	19.5	0.313	32		U
1,1-Dichloroethene	0.586	23.4	0.586	32		U
1,1-Dichloropropene	0.742	19.5	0.742	32		U
1,2,3-Trichlorobenzene	1.60	19.5	1.60	32		U
1,2,3-Trichloropropane	0.899	19.5	0.899	32		U
1,2,4-Trichlorobenzene	1.29	19.5	1.29	32		U
1,2,4-Trimethylbenzene	0.234	23.4	302	32		J
1,2-Dibromo-3-chloropropane	1.21	39.1	1.21	32		U
1,2-Dibromoethane	0.313	19.5	0.313	32		U
1,2-Dichlorobenzene	0.234	19.5	0.234	32		U
1,2-Dichloroethane	0.430	11.7	0.430	32		U
1,2-Dichloropropane	0.860	19.5	0.860	32		U
1,3,5-Trimethylbenzene	0.313	19.5	117	32		J
1,3-Dichlorobenzene	0.430	23.4	0.430	32		U
1,3-Dichloropropane	0.352	9.77	0.352	32		U
1,4-Dichlorobenzene	0.234	9.77	37.3	32		J
1-Chlorohexane	0.625	19.5	0.625	32		U
2,2-Dichloropropane	0.508	19.5	0.508	32		U
2-Butanone	1.64	78.1	1.64	32		U
2-Chlorotoluene	0.156	19.5	0.156	32		U
4-Chlorotoluene	0.274	19.5	0.274	32		U
4-Methyl-2-pentanone	1.25	78.1	1.25	32		U
Acetone	1.17	195	1.17	32		U
Benzene	0.195	9.77	0.195	32		U
Bromobenzene	0.586	19.5	0.586	32		U
Bromochloromethane	0.781	19.5	0.781	32		U
Bromodichloromethane	0.234	9.77	0.234	32		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-1 (18.5')	**Lab Sample ID:**	0706159-005B	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	992	**File ID:**	M1362.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.664	23.4	0.664	32		U
Bromomethane	0.508	39.1	0.508	32		U
Carbon tetrachloride	0.469	19.5	0.469	32		U
Chlorobenzene	0.274	9.77	117	32		J
Chloroethane	0.977	19.5	0.977	32		U
Chloroform	0.274	9.77	0.274	32		U
Chloromethane	1.21	19.5	1.21	32		U
cis-1,2-Dichloroethene	0.625	19.5	0.625	32		U
cis-1,3-Dichloropropene	0.352	11.7	0.352	32		U
Dibromochloromethane	0.274	11.7	0.274	32		U
Dibromomethane	0.469	19.5	0.469	32		U
Dichlorodifluoromethane	0.313	19.5	0.313	32		U
Ethylbenzene	0.508	19.5	3.91	32		FJ
Hexachlorobutadiene	1.48	11.7	1.48	32		U
Isopropylbenzene	0.195	19.5	19.7	32		J
Methyl tert-butyl ether	0.508	78.1	0.508	32		U
Methylene chloride	2.34	19.5	5.08	32		FJ
n-Butylbenzene	0.508	19.5	0.508	32		U
n-Propylbenzene	0.117	19.5	25.2	32		J
Naphthalene	0.821	19.5	57.4	32		J
o-Xylene	0.664	19.5	0.664	32		U
p-Isopropyltoluene	0.664	23.4	22.9	32		FJ
sec-Butylbenzene	0.195	19.5	15.0	32		FJ
Styrene	0.469	19.5	0.469	32		U
tert-Butylbenzene	0.313	19.5	0.313	32		U
Tetrachloroethene	0.430	19.5	0.430	32		U
Toluene	0.195	19.5	0.195	32		U
trans-1,2-Dichloroethene	0.469	19.5	0.469	32		U
trans-1,3-Dichloropropene	0.586	19.5	0.586	32		U
Trichloroethene	0.469	19.5	0.469	32		U
Trichlorofluoromethane	0.313	19.5	0.313	32		U
Vinyl chloride	0.508	19.5	0.508	32		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-1 (18.5')	**Lab Sample ID:**	0706159-005B	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	992	**File ID:**	M1362.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	1.17	39.1	52.9	32		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	52 - 149	
4-Bromofluorobenzene	195	84 - 118	*
Dibromofluoromethane	83	65 - 135	
Toluene-d8	93	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2406243	1128046 - 4512186	
Chlorobenzene-d5	3001184	1392345 - 5569380	
Fluorobenzene	5652987	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-1 (18.5') DL	**Lab Sample ID:**	0706159-005BDL	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	992	**File ID:**	M1417.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	1.02	39.1	52.0	64		J
1,1,1,2-Tetrachloroethane	1.25	23.4	1.25	64		U
1,1,1-Trichloroethane	1.09	39.1	1.09	64		U
1,1,2,2-Tetrachloroethane	1.09	23.4	1.09	64		U
1,1,2-Trichloroethane	1.95	39.1	1.95	64		U
1,1-Dichloroethane	0.625	39.1	0.625	64		U
1,1-Dichloroethene	1.17	46.9	1.17	64		U
1,1-Dichloropropene	1.48	39.1	1.48	64		U
1,2,3-Trichlorobenzene	3.20	39.1	3.20	64		U
1,2,3-Trichloropropane	1.80	39.1	1.80	64		U
1,2,4-Trichlorobenzene	2.58	39.1	2.58	64		U
1,2,4-Trimethylbenzene	0.469	46.9	284	64		J
1,2-Dibromo-3-chloropropane	2.42	78.1	2.42	64		U
1,2-Dibromoethane	0.625	39.1	0.625	64		U
1,2-Dichlorobenzene	0.469	39.1	0.469	64		U
1,2-Dichloroethane	0.860	23.4	0.860	64		U
1,2-Dichloropropane	1.72	39.1	1.72	64		U
1,3,5-Trimethylbenzene	0.625	39.1	107	64		J
1,3-Dichlorobenzene	0.860	46.9	0.860	64		U
1,3-Dichloropropane	0.703	19.5	0.703	64		U
1,4-Dichlorobenzene	0.469	19.5	36.3	64		J
1-Chlorohexane	1.25	39.1	1.25	64		U
2,2-Dichloropropane	1.02	39.1	1.02	64		U
2-Butanone	3.28	156	3.28	64		U
2-Chlorotoluene	0.313	39.1	0.313	64		U
4-Chlorotoluene	0.547	39.1	0.547	64		U
4-Methyl-2-pentanone	2.50	156	2.50	64		U
Acetone	2.34	391	2.34	64		U
Benzene	0.391	19.5	0.391	64		U
Bromobenzene	1.17	39.1	1.17	64		U
Bromochloromethane	1.56	39.1	1.56	64		U
Bromodichloromethane	0.469	19.5	0.469	64		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-1 (18.5') DL	**Lab Sample ID:**	0706159-005BDL	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	992	**File ID:**	M1417.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	1.33	46.9	1.33	64		U
Bromomethane	1.02	78.1	1.02	64		U
Carbon tetrachloride	0.938	39.1	0.938	64		U
Chlorobenzene	0.547	19.5	116	64		J
Chloroethane	1.95	39.1	1.95	64		U
Chloroform	0.547	19.5	0.547	64		U
Chloromethane	2.42	39.1	2.42	64		U
cis-1,2-Dichloroethene	1.25	39.1	1.25	64		U
cis-1,3-Dichloropropene	0.703	23.4	0.703	64		U
Dibromochloromethane	0.547	23.4	0.547	64		U
Dibromomethane	0.938	39.1	0.938	64		U
Dichlorodifluoromethane	0.625	39.1	0.625	64		UQ
Ethylbenzene	1.02	39.1	1.02	64		U
Hexachlorobutadiene	2.97	23.4	2.97	64		U
Isopropylbenzene	0.391	39.1	19.1	64		FJ
Methyl tert-butyl ether	1.02	156	1.02	64		U
Methylene chloride	4.69	39.1	10.5	64		FJ
n-Butylbenzene	1.02	39.1	1.02	64		U
n-Propylbenzene	0.234	39.1	24.6	64		FJQ
Naphthalene	1.64	39.1	53.1	64		J
o-Xylene	1.33	39.1	1.33	64		U
p-Isopropyltoluene	1.33	46.9	23.4	64		FJ
sec-Butylbenzene	0.391	39.1	15.6	64		FJ
Styrene	0.938	39.1	0.938	64		U
tert-Butylbenzene	0.625	39.1	0.625	64		U
Tetrachloroethene	0.860	39.1	0.860	64		U
Toluene	0.391	39.1	0.391	64		U
trans-1,2-Dichloroethene	0.938	39.1	0.938	64		U
trans-1,3-Dichloropropene	1.17	39.1	1.17	64		U
Trichloroethene	0.938	39.1	0.938	64		U
Trichlorofluoromethane	0.625	39.1	0.625	64		U
Vinyl chloride	1.02	39.1	1.02	64		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-1 (18.5') DL	**Lab Sample ID:**	0706159-005BDL	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	992	**File ID:**	M1417.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	2.34	78.1	52.0	64		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	122	52 - 149	
4-Bromofluorobenzene	173	84 - 118	*
Dibromofluoromethane	77	65 - 135	
Toluene-d8	96	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2444509	1128046 - 4512186	
Chlorobenzene-d5	3130701	1392345 - 5569380	
Fluorobenzene	5662247	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-2 (22.5')	**Lab Sample ID:**	0706159-006A	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	990	**File ID:**	J3419.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.34 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00547	0.00014	0.94		U
1,1,1,2-Tetrachloroethane	0.00018	0.00328	0.00018	0.94		U
1,1,1-Trichloroethane	0.00015	0.00547	0.00015	0.94		U
1,1,2,2-Tetrachloroethane	0.00015	0.00328	0.00015	0.94		U
1,1,2-Trichloroethane	0.00027	0.00547	0.00027	0.94		U
1,1-Dichloroethane	0.00009	0.00547	0.00009	0.94		U
1,1-Dichloroethene	0.00016	0.00657	0.00016	0.94		U
1,1-Dichloropropene	0.00021	0.00547	0.00021	0.94		U
1,2,3-Trichlorobenzene	0.00045	0.00547	0.00045	0.94		U
1,2,3-Trichloropropane	0.00025	0.00547	0.00025	0.94		U
1,2,4-Trichlorobenzene	0.00036	0.00547	0.00036	0.94		U
1,2,4-Trimethylbenzene	0.00007	0.00657	0.000788	0.94		F
1,2-Dibromo-3-chloropropane	0.00034	0.0109	0.00034	0.94		U
1,2-Dibromoethane	0.00009	0.00547	0.00009	0.94		U
1,2-Dichlorobenzene	0.00007	0.00547	0.0176	0.94		
1,2-Dichloroethane	0.00012	0.00328	0.00012	0.94		U
1,2-Dichloropropane	0.00024	0.00547	0.00024	0.94		U
1,3,5-Trimethylbenzene	0.00009	0.00547	0.00009	0.94		U
1,3-Dichlorobenzene	0.00012	0.00657	0.00139	0.94		F
1,3-Dichloropropane	0.00010	0.00274	0.00010	0.94		U
1,4-Dichlorobenzene	0.00007	0.00274	0.0271	0.94		
1-Chlorohexane	0.00018	0.00547	0.00018	0.94		U
2,2-Dichloropropane	0.00014	0.00547	0.00014	0.94		U
2-Butanone	0.00046	0.0219	0.00046	0.94		U
2-Chlorotoluene	0.00004	0.00547	0.00004	0.94		U
4-Chlorotoluene	0.00008	0.00547	0.00008	0.94		U
4-Methyl-2-pentanone	0.00035	0.0219	0.00035	0.94		U
Acetone	0.00033	0.0547	0.00224	0.94		F
Benzene	0.00005	0.00274	0.00005	0.94		U
Bromobenzene	0.00016	0.00547	0.00016	0.94		U
Bromochloromethane	0.00022	0.00547	0.00022	0.94		U
Bromodichloromethane	0.00007	0.00274	0.00007	0.94		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-2 (22.5')	**Lab Sample ID:**	0706159-006A	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	990	**File ID:**	J3419.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.34 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00657	0.00019	0.94		U
Bromomethane	0.00014	0.0109	0.00014	0.94		U
Carbon tetrachloride	0.00013	0.00547	0.00013	0.94		U
Chlorobenzene	0.00008	0.00274	0.348	0.94		J
Chloroethane	0.00027	0.00547	0.00027	0.94		U
Chloroform	0.00008	0.00274	0.00008	0.94		U
Chloromethane	0.00034	0.00547	0.00034	0.94		U
cis-1,2-Dichloroethene	0.00018	0.00547	0.00018	0.94		U
cis-1,3-Dichloropropene	0.00010	0.00328	0.00010	0.94		U
Dibromochloromethane	0.00008	0.00328	0.00008	0.94		U
Dibromomethane	0.00013	0.00547	0.00013	0.94		U
Dichlorodifluoromethane	0.00009	0.00547	0.00009	0.94		U
Ethylbenzene	0.00014	0.00547	0.00014	0.94		U
Hexachlorobutadiene	0.00042	0.00328	0.00042	0.94		U
Isopropylbenzene	0.00005	0.00547	0.000569	0.94		F
Methyl tert-butyl ether	0.00014	0.0219	0.00014	0.94		U
Methylene chloride	0.00066	0.00547	0.00314	0.94		F
n-Butylbenzene	0.00014	0.00547	0.00014	0.94		U
n-Propylbenzene	0.00003	0.00547	0.00003	0.94		U
Naphthalene	0.00023	0.00547	0.000919	0.94		FQ
o-Xylene	0.00019	0.00547	0.00019	0.94		U
p-Isopropyltoluene	0.00019	0.00657	0.00019	0.94		U
sec-Butylbenzene	0.00005	0.00547	0.00005	0.94		U
Styrene	0.00013	0.00547	0.00013	0.94		U
tert-Butylbenzene	0.00009	0.00547	0.00009	0.94		U
Tetrachloroethene	0.00012	0.00547	0.00012	0.94		U
Toluene	0.00005	0.00547	0.00115	0.94		F
trans-1,2-Dichloroethene	0.00013	0.00547	0.00013	0.94		U
trans-1,3-Dichloropropene	0.00016	0.00547	0.00016	0.94		U
Trichloroethene	0.00013	0.00547	0.00013	0.94		U
Trichlorofluoromethane	0.00009	0.00547	0.00009	0.94		U
Vinyl chloride	0.00014	0.00547	0.00014	0.94		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-2 (22.5')	**Lab Sample ID:**	0706159-006A	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	990	**File ID:**	J3419.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.34 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00547	0.00033	0.94		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	86	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1181888	685144 - 2740574	
Chlorobenzene-d5	2087650	1005325 - 4021300	
Fluorobenzene	5731417	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-2 (22.5') DL	**Lab Sample ID:**	0706159-006ADL	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	990	**File ID:**	J3604.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00076	0.0291	0.00076	5		UJQ
1,1,1,2-Tetrachloroethane	0.00093	0.0175	0.00093	5		UJQ
1,1,1-Trichloroethane	0.00081	0.0291	0.00081	5		UJ
1,1,2,2-Tetrachloroethane	0.00081	0.0175	0.00081	5		UJQ
1,1,2-Trichloroethane	0.00146	0.0291	0.00146	5		UJQ
1,1-Dichloroethane	0.00047	0.0291	0.00047	5		UJ
1,1-Dichloroethene	0.00087	0.0349	0.00087	5		UJ
1,1-Dichloropropene	0.00111	0.0291	0.00111	5		UJ
1,2,3-Trichlorobenzene	0.00239	0.0291	0.00239	5		UJQ
1,2,3-Trichloropropane	0.00134	0.0291	0.00134	5		UJQ
1,2,4-Trichlorobenzene	0.00192	0.0291	0.00192	5		UJQ
1,2,4-Trimethylbenzene	0.00035	0.0349	0.00320	5		FJQ
1,2-Dibromo-3-chloropropane	0.00180	0.0582	0.00180	5		UJQ
1,2-Dibromoethane	0.00047	0.0291	0.00047	5		UJQ
1,2-Dichlorobenzene	0.00035	0.0291	0.0192	5		FJQ
1,2-Dichloroethane	0.00064	0.0175	0.00064	5		UJ
1,2-Dichloropropane	0.00128	0.0291	0.00128	5		UJ
1,3,5-Trimethylbenzene	0.00047	0.0291	0.00047	5		UJQ
1,3-Dichlorobenzene	0.00064	0.0349	0.00064	5		UJQ
1,3-Dichloropropane	0.00052	0.0146	0.00052	5		UJQ
1,4-Dichlorobenzene	0.00035	0.0146	0.0502	5		JQ
1-Chlorohexane	0.00093	0.0291	0.00093	5		UJQ
2,2-Dichloropropane	0.00076	0.0291	0.00076	5		UJ
2-Butanone	0.00244	0.116	0.00244	5		UJ
2-Chlorotoluene	0.00023	0.0291	0.00023	5		UJQ
4-Chlorotoluene	0.00041	0.0291	0.00041	5		UJQ
4-Methyl-2-pentanone	0.00186	0.116	0.00186	5		UJ
Acetone	0.00175	0.291	0.0130	5		FJ
Benzene	0.00029	0.0146	0.00029	5		UJ
Bromobenzene	0.00087	0.0291	0.00087	5		UJQ
Bromochloromethane	0.00116	0.0291	0.00116	5		UJQ
Bromodichloromethane	0.00035	0.0146	0.00035	5		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-2 (22.5') DL	**Lab Sample ID:**	0706159-006ADL	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	990	**File ID:**	J3604.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00099	0.0349	0.00099	5		UJQ
Bromomethane	0.00076	0.0582	0.00076	5		UJ
Carbon tetrachloride	0.00070	0.0291	0.00070	5		UJ
Chlorobenzene	0.00041	0.0146	0.160	5		JQ
Chloroethane	0.00146	0.0291	0.00146	5		UJQ
Chloroform	0.00041	0.0146	0.00041	5		UJ
Chloromethane	0.00180	0.0291	0.00180	5		UJQ
cis-1,2-Dichloroethene	0.00093	0.0291	0.00093	5		UJ
cis-1,3-Dichloropropene	0.00052	0.0175	0.00052	5		UJ
Dibromochloromethane	0.00041	0.0175	0.00041	5		UJQ
Dibromomethane	0.00070	0.0291	0.00070	5		UJQ
Dichlorodifluoromethane	0.00047	0.0291	0.00047	5		UJQ
Ethylbenzene	0.00076	0.0291	0.00076	5		UJQ
Hexachlorobutadiene	0.00221	0.0175	0.00221	5		UJQ
Isopropylbenzene	0.00029	0.0291	0.00029	5		UJQ
Methyl tert-butyl ether	0.00076	0.116	0.00076	5		UJ
Methylene chloride	0.00349	0.0291	0.00780	5		FJ
n-Butylbenzene	0.00076	0.0291	0.00076	5		UJQ
n-Propylbenzene	0.00017	0.0291	0.00017	5		UJQ
Naphthalene	0.00122	0.0291	0.00990	5		FJQB
o-Xylene	0.00099	0.0291	0.00099	5		UJQ
p-Isopropyltoluene	0.00099	0.0349	0.00099	5		UJQ
sec-Butylbenzene	0.00029	0.0291	0.00029	5		UJQ
Styrene	0.00070	0.0291	0.00070	5		UJQ
tert-Butylbenzene	0.00047	0.0291	0.00047	5		UJQ
Tetrachloroethene	0.00064	0.0291	0.00064	5		UJQ
Toluene	0.00029	0.0291	0.00029	5		UJQ
trans-1,2-Dichloroethene	0.00070	0.0291	0.00070	5		UJ
trans-1,3-Dichloropropene	0.00087	0.0291	0.00087	5		UJQ
Trichloroethene	0.00070	0.0291	0.00070	5		UJQ
Trichlorofluoromethane	0.00047	0.0291	0.00047	5		UJQ
Vinyl chloride	0.00076	0.0291	0.00076	5		UJQ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB15-2 (22.5') DL	**Lab Sample ID:**	0706159-006ADL	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	990	**File ID:**	J3604.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00175	0.0291	0.00175	5		UJQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	79	84 - 118	*
Dibromofluoromethane	91	65 - 135	
Toluene-d8	97	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	456558	685144 - 2740574	*
Chlorobenzene-d5	1004592	1005325 - 4021300	*
Fluorobenzene	2997670	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007A	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3432.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.12 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00581	0.0865	0.98		M
1,1,1,2-Tetrachloroethane	0.00019	0.00349	0.00019	0.98		U
1,1,1-Trichloroethane	0.00016	0.00581	0.00016	0.98		U
1,1,2,2-Tetrachloroethane	0.00016	0.00349	0.00016	0.98		U
1,1,2-Trichloroethane	0.00029	0.00581	0.00029	0.98		UM
1,1-Dichloroethane	0.00009	0.00581	0.00009	0.98		U
1,1-Dichloroethene	0.00017	0.00698	0.00017	0.98		U
1,1-Dichloropropene	0.00022	0.00581	0.00022	0.98		U
1,2,3-Trichlorobenzene	0.00048	0.00581	0.00048	0.98		U
1,2,3-Trichloropropane	0.00027	0.00581	0.00027	0.98		U
1,2,4-Trichlorobenzene	0.00038	0.00581	0.00038	0.98		U
1,2,4-Trimethylbenzene	0.00007	0.00698	0.398	0.98		JM
1,2-Dibromo-3-chloropropane	0.00036	0.0116	0.00036	0.98		UM
1,2-Dibromoethane	0.00009	0.00581	0.00009	0.98		U
1,2-Dichlorobenzene	0.00007	0.00581	0.00348	0.98		F
1,2-Dichloroethane	0.00013	0.00349	0.00013	0.98		U
1,2-Dichloropropane	0.00026	0.00581	0.00026	0.98		U
1,3,5-Trimethylbenzene	0.00009	0.00581	0.228	0.98		M
1,3-Dichlorobenzene	0.00013	0.00698	0.00701	0.98		
1,3-Dichloropropane	0.00010	0.00291	0.00010	0.98		U
1,4-Dichlorobenzene	0.00007	0.00291	0.0611	0.98		M
1-Chlorohexane	0.00019	0.00581	0.00019	0.98		U
2,2-Dichloropropane	0.00015	0.00581	0.00015	0.98		U
2-Butanone	0.00049	0.0233	0.0103	0.98		F
2-Chlorotoluene	0.00005	0.00581	0.00005	0.98		UM
4-Chlorotoluene	0.00008	0.00581	0.00189	0.98		F
4-Methyl-2-pentanone	0.00037	0.0233	0.00037	0.98		U
Acetone	0.00035	0.0581	0.0268	0.98		F
Benzene	0.00006	0.00291	0.00006	0.98		U
Bromobenzene	0.00017	0.00581	0.00017	0.98		U
Bromochloromethane	0.00023	0.00581	0.00023	0.98		U
Bromodichloromethane	0.00007	0.00291	0.00007	0.98		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007A	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3432.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.12 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00698	0.00020	0.98		U
Bromomethane	0.00015	0.0116	0.00015	0.98		U
Carbon tetrachloride	0.00014	0.00581	0.00014	0.98		U
Chlorobenzene	0.00008	0.00291	0.355	0.98		JM
Chloroethane	0.00029	0.00581	0.00029	0.98		U
Chloroform	0.00008	0.00291	0.00008	0.98		U
Chloromethane	0.00036	0.00581	0.00036	0.98		U
cis-1,2-Dichloroethene	0.00019	0.00581	0.00019	0.98		U
cis-1,3-Dichloropropene	0.00010	0.00349	0.00010	0.98		U
Dibromochloromethane	0.00008	0.00349	0.00008	0.98		U
Dibromomethane	0.00014	0.00581	0.00014	0.98		U
Dichlorodifluoromethane	0.00009	0.00581	0.00009	0.98		U
Ethylbenzene	0.00015	0.00581	0.0174	0.98		
Hexachlorobutadiene	0.00044	0.00349	0.00044	0.98		U
Isopropylbenzene	0.00006	0.00581	0.0235	0.98		
Methyl tert-butyl ether	0.00015	0.0233	0.00015	0.98		U
Methylene chloride	0.00070	0.00581	0.00291	0.98		F
n-Butylbenzene	0.00015	0.00581	0.0107	0.98		
n-Propylbenzene	0.00003	0.00581	0.0170	0.98		
Naphthalene	0.00024	0.00581	0.140	0.98		MQ
o-Xylene	0.00020	0.00581	0.0506	0.98		M
p-Isopropyltoluene	0.00020	0.00698	0.0211	0.98		
sec-Butylbenzene	0.00006	0.00581	0.0125	0.98		
Styrene	0.00014	0.00581	0.00014	0.98		U
tert-Butylbenzene	0.00009	0.00581	0.00736	0.98		
Tetrachloroethene	0.00013	0.00581	0.00013	0.98		U
Toluene	0.00006	0.00581	0.00186	0.98		F
trans-1,2-Dichloroethene	0.00014	0.00581	0.00014	0.98		U
trans-1,3-Dichloropropene	0.00017	0.00581	0.00017	0.98		U
Trichloroethene	0.00014	0.00581	0.00014	0.98		U
Trichlorofluoromethane	0.00009	0.00581	0.00009	0.98		U
Vinyl chloride	0.00015	0.00581	0.00015	0.98		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007A	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3432.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.12 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00581	0.137	0.98		M

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	112	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1350283	685144 - 2740574	
Chlorobenzene-d5	2217117	1005325 - 4021300	
Fluorobenzene	5544480	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5') DL	**Lab Sample ID:**	0706159-007ADL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3605.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00077	0.0297	0.0273	5		FJQ
1,1,1,2-Tetrachloroethane	0.00095	0.0178	0.00095	5		UJQ
1,1,1-Trichloroethane	0.00083	0.0297	0.00083	5		UJQ
1,1,2,2-Tetrachloroethane	0.00083	0.0178	0.00083	5		UJQ
1,1,2-Trichloroethane	0.00148	0.0297	0.00148	5		UJQ
1,1-Dichloroethane	0.00047	0.0297	0.00047	5		UJQ
1,1-Dichloroethene	0.00089	0.0356	0.00089	5		UJQ
1,1-Dichloropropene	0.00113	0.0297	0.00113	5		UJQ
1,2,3-Trichlorobenzene	0.00243	0.0297	0.00243	5		UJQ
1,2,3-Trichloropropane	0.00136	0.0297	0.00136	5		UJQ
1,2,4-Trichlorobenzene	0.00196	0.0297	0.00196	5		UJQ
1,2,4-Trimethylbenzene	0.00036	0.0356	0.261	5		JQ
1,2-Dibromo-3-chloropropane	0.00184	0.0593	0.00184	5		UJQ
1,2-Dibromoethane	0.00047	0.0297	0.00047	5		UJQ
1,2-Dichlorobenzene	0.00036	0.0297	0.00036	5		UJQ
1,2-Dichloroethane	0.00065	0.0178	0.00065	5		UJQ
1,2-Dichloropropane	0.00130	0.0297	0.00130	5		UJQ
1,3,5-Trimethylbenzene	0.00047	0.0297	0.123	5		JQ
1,3-Dichlorobenzene	0.00065	0.0356	0.00504	5		FJQ
1,3-Dichloropropane	0.00053	0.0148	0.00053	5		UJQ
1,4-Dichlorobenzene	0.00036	0.0148	0.0433	5		JQ
1-Chlorohexane	0.00095	0.0297	0.00095	5		UJQ
2,2-Dichloropropane	0.00077	0.0297	0.00077	5		UJQ
2-Butanone	0.00249	0.119	0.00249	5		UJQ
2-Chlorotoluene	0.00024	0.0297	0.00024	5		UJQ
4-Chlorotoluene	0.00042	0.0297	0.00042	5		UJQ
4-Methyl-2-pentanone	0.00190	0.119	0.00190	5		UJQ
Acetone	0.00178	0.297	0.0295	5		FJQ
Benzene	0.00030	0.0148	0.00030	5		UJQ
Bromobenzene	0.00089	0.0297	0.00089	5		UJQ
Bromochloromethane	0.00119	0.0297	0.00119	5		UJQ
Bromodichloromethane	0.00036	0.0148	0.00036	5		UJQ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5') DL	**Lab Sample ID:**	0706159-007ADL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3605.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00101	0.0356	0.00101	5		UJQ
Bromomethane	0.00077	0.0593	0.00077	5		UJQ
Carbon tetrachloride	0.00071	0.0297	0.00071	5		UJQ
Chlorobenzene	0.00042	0.0148	0.176	5		JQ
Chloroethane	0.00148	0.0297	0.00148	5		UJQ
Chloroform	0.00042	0.0148	0.00042	5		UJQ
Chloromethane	0.00184	0.0297	0.00184	5		UJQ
cis-1,2-Dichloroethene	0.00095	0.0297	0.00095	5		UJQ
cis-1,3-Dichloropropene	0.00053	0.0178	0.00053	5		UJQ
Dibromochloromethane	0.00042	0.0178	0.00042	5		UJQ
Dibromomethane	0.00071	0.0297	0.00071	5		UJQ
Dichlorodifluoromethane	0.00047	0.0297	0.00047	5		UJQ
Ethylbenzene	0.00077	0.0297	0.00611	5		FJQ
Hexachlorobutadiene	0.00225	0.0178	0.00225	5		UJQ
Isopropylbenzene	0.00030	0.0297	0.0106	5		FJQ
Methyl tert-butyl ether	0.00077	0.119	0.00077	5		UJQ
Methylene chloride	0.00356	0.0297	0.00991	5		FJQ
n-Butylbenzene	0.00077	0.0297	0.00706	5		FJQ
n-Propylbenzene	0.00018	0.0297	0.0102	5		FJQ
Naphthalene	0.00125	0.0297	0.0999	5		JQB
o-Xylene	0.00101	0.0297	0.0169	5		FJQ
p-Isopropyltoluene	0.00101	0.0356	0.00866	5		FJQ
sec-Butylbenzene	0.00030	0.0297	0.00599	5		FJQ
Styrene	0.00071	0.0297	0.00071	5		UJQ
tert-Butylbenzene	0.00047	0.0297	0.00314	5		FJQ
Tetrachloroethene	0.00065	0.0297	0.00065	5		UJQ
Toluene	0.00030	0.0297	0.00030	5		UJQ
trans-1,2-Dichloroethene	0.00071	0.0297	0.00071	5		UJQ
trans-1,3-Dichloropropene	0.00089	0.0297	0.00089	5		UJQ
Trichloroethene	0.00071	0.0297	0.00071	5		UJQ
Trichlorofluoromethane	0.00047	0.0297	0.00047	5		UJQ
Vinyl chloride	0.00077	0.0297	0.00077	5		UJQ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5') DL	**Lab Sample ID:**	0706159-007ADL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3605.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00178	0.0297	0.0442	5		JQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	89	52 - 149	
4-Bromofluorobenzene	80	84 - 118	*
Dibromofluoromethane	90	65 - 135	
Toluene-d8	92	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	347366	685144 - 2740574	*
Chlorobenzene-d5	818211	1005325 - 4021300	*
Fluorobenzene	2606721	2897598 - 11590392	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007AMS	**Matrix:**	Solid
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3434.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.09 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00013	0.00500	0.154	0.98		M
1,1,1,2-Tetrachloroethane	0.00016	0.00300	0.0527	0.98		
1,1,1-Trichloroethane	0.00014	0.00500	0.0591	0.98		
1,1,2,2-Tetrachloroethane	0.00014	0.00300	0.0654	0.98		
1,1,2-Trichloroethane	0.00025	0.00500	0.0876	0.98		M
1,1-Dichloroethane	0.00008	0.00500	0.0575	0.98		
1,1-Dichloroethene	0.00015	0.00600	0.0581	0.98		
1,1-Dichloropropene	0.00019	0.00500	0.0577	0.98		
1,2,3-Trichlorobenzene	0.00041	0.00500	0.0544	0.98		
1,2,3-Trichloropropane	0.00023	0.00500	0.0645	0.98		
1,2,4-Trichlorobenzene	0.00033	0.00500	0.0556	0.98		
1,2,4-Trimethylbenzene	0.00006	0.00600	0.360	0.98		JM
1,2-Dibromo-3-chloropropane	0.00031	0.0100	0.0798	0.98		M
1,2-Dibromoethane	0.00008	0.00500	0.0549	0.98		
1,2-Dichlorobenzene	0.00006	0.00500	0.0589	0.98		
1,2-Dichloroethane	0.00011	0.00300	0.0570	0.98		
1,2-Dichloropropane	0.00022	0.00500	0.0573	0.98		
1,3,5-Trimethylbenzene	0.00008	0.00500	0.228	0.98		M
1,3-Dichlorobenzene	0.00011	0.00600	0.0637	0.98		
1,3-Dichloropropane	0.00009	0.00250	0.0561	0.98		
1,4-Dichlorobenzene	0.00006	0.00250	0.117	0.98		
1-Chlorohexane	0.00016	0.00500	0.0595	0.98		
2,2-Dichloropropane	0.00013	0.00500	0.0566	0.98		
2-Butanone	0.00042	0.0200	0.126	0.98		
2-Chlorotoluene	0.00004	0.00500	0.0775	0.98		M
4-Chlorotoluene	0.00007	0.00500	0.0606	0.98		
4-Methyl-2-pentanone	0.00032	0.0200	0.111	0.98		
Acetone	0.00030	0.0500	0.128	0.98		
Benzene	0.00005	0.00250	0.0584	0.98		
Bromobenzene	0.00015	0.00500	0.0566	0.98		
Bromochloromethane	0.00020	0.00500	0.0573	0.98		
Bromodichloromethane	0.00006	0.00250	0.0520	0.98		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007AMS	**Matrix:**	Solid
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3434.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.09 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00017	0.00600	0.0558	0.98		
Bromomethane	0.00013	0.0100	0.0594	0.98		
Carbon tetrachloride	0.00012	0.00500	0.0591	0.98		
Chlorobenzene	0.00007	0.00250	0.281	0.98		JM
Chloroethane	0.00025	0.00500	0.0568	0.98		
Chloroform	0.00007	0.00250	0.0567	0.98		
Chloromethane	0.00031	0.00500	0.0591	0.98		
cis-1,2-Dichloroethene	0.00016	0.00500	0.0579	0.98		
cis-1,3-Dichloropropene	0.00009	0.00300	0.0532	0.98		
Dibromochloromethane	0.00007	0.00300	0.0501	0.98		
Dibromomethane	0.00012	0.00500	0.0571	0.98		
Dichlorodifluoromethane	0.00008	0.00500	0.0712	0.98		
Ethylbenzene	0.00013	0.00500	0.0684	0.98		
Hexachlorobutadiene	0.00038	0.00300	0.0528	0.98		
Isopropylbenzene	0.00005	0.00500	0.0815	0.98		
Methyl tert-butyl ether	0.00013	0.0200	0.0612	0.98		
Methylene chloride	0.00060	0.00500	0.0558	0.98		
n-Butylbenzene	0.00013	0.00500	0.0736	0.98		
n-Propylbenzene	0.00003	0.00500	0.0781	0.98		
Naphthalene	0.00021	0.00500	0.175	0.98		Q
o-Xylene	0.00017	0.00500	0.0835	0.98		M
p-Isopropyltoluene	0.00017	0.00600	0.0864	0.98		
sec-Butylbenzene	0.00005	0.00500	0.0769	0.98		
Styrene	0.00012	0.00500	0.0540	0.98		
tert-Butylbenzene	0.00008	0.00500	0.0716	0.98		
Tetrachloroethene	0.00011	0.00500	0.0548	0.98		
Toluene	0.00005	0.00500	0.0534	0.98		
trans-1,2-Dichloroethene	0.00012	0.00500	0.0579	0.98		
trans-1,3-Dichloropropene	0.00015	0.00500	0.0516	0.98		
Trichloroethene	0.00012	0.00500	0.0550	0.98		
Trichlorofluoromethane	0.00008	0.00500	0.0508	0.98		
Vinyl chloride	0.00013	0.00500	0.0634	0.98		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007AMS	**Matrix:**	Solid
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3434.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.09 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00030	0.00500	0.238	0.98		M

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	112	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1619893	685144 - 2740574	
Chlorobenzene-d5	2572590	1005325 - 4021300	
Fluorobenzene	6712777	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007AMSD	**Matrix:**	Solid
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3435.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.17 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00013	0.00500	0.121	0.97		M
1,1,1,2-Tetrachloroethane	0.00016	0.00300	0.0531	0.97		
1,1,1-Trichloroethane	0.00014	0.00500	0.0579	0.97		
1,1,2,2-Tetrachloroethane	0.00014	0.00300	0.0596	0.97		
1,1,2-Trichloroethane	0.00025	0.00500	0.0700	0.97		
1,1-Dichloroethane	0.00008	0.00500	0.0553	0.97		
1,1-Dichloroethene	0.00015	0.00600	0.0562	0.97		
1,1-Dichloropropene	0.00019	0.00500	0.0553	0.97		
1,2,3-Trichlorobenzene	0.00041	0.00500	0.0575	0.97		
1,2,3-Trichloropropane	0.00023	0.00500	0.0589	0.97		
1,2,4-Trichlorobenzene	0.00033	0.00500	0.0579	0.97		
1,2,4-Trimethylbenzene	0.00006	0.00600	0.242	0.97		JM
1,2-Dibromo-3-chloropropane	0.00031	0.0100	0.0714	0.97		
1,2-Dibromoethane	0.00008	0.00500	0.0532	0.97		
1,2-Dichlorobenzene	0.00006	0.00500	0.0566	0.97		
1,2-Dichloroethane	0.00011	0.00300	0.0556	0.97		
1,2-Dichloropropane	0.00022	0.00500	0.0553	0.97		
1,3,5-Trimethylbenzene	0.00008	0.00500	0.140	0.97		M
1,3-Dichlorobenzene	0.00011	0.00600	0.0594	0.97		
1,3-Dichloropropane	0.00009	0.00250	0.0561	0.97		
1,4-Dichlorobenzene	0.00006	0.00250	0.0981	0.97		M
1-Chlorohexane	0.00016	0.00500	0.0581	0.97		
2,2-Dichloropropane	0.00013	0.00500	0.0554	0.97		
2-Butanone	0.00042	0.0200	0.113	0.97		
2-Chlorotoluene	0.00004	0.00500	0.0644	0.97		
4-Chlorotoluene	0.00007	0.00500	0.0567	0.97		
4-Methyl-2-pentanone	0.00032	0.0200	0.0981	0.97		
Acetone	0.00030	0.0500	0.115	0.97		
Benzene	0.00005	0.00250	0.0568	0.97		
Bromobenzene	0.00015	0.00500	0.0549	0.97		
Bromochloromethane	0.00020	0.00500	0.0572	0.97		
Bromodichloromethane	0.00006	0.00250	0.0515	0.97		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007AMSD	**Matrix:**	Solid
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3435.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.17 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00017	0.00600	0.0559	0.97		
Bromomethane	0.00013	0.0100	0.0518	0.97		
Carbon tetrachloride	0.00012	0.00500	0.0585	0.97		
Chlorobenzene	0.00007	0.00250	0.177	0.97		M
Chloroethane	0.00025	0.00500	0.0482	0.97		
Chloroform	0.00007	0.00250	0.0554	0.97		
Chloromethane	0.00031	0.00500	0.0501	0.97		
cis-1,2-Dichloroethene	0.00016	0.00500	0.0568	0.97		
cis-1,3-Dichloropropene	0.00009	0.00300	0.0521	0.97		
Dibromochloromethane	0.00007	0.00300	0.0506	0.97		
Dibromomethane	0.00012	0.00500	0.0550	0.97		
Dichlorodifluoromethane	0.00008	0.00500	0.0578	0.97		
Ethylbenzene	0.00013	0.00500	0.0598	0.97		
Hexachlorobutadiene	0.00038	0.00300	0.0574	0.97		
Isopropylbenzene	0.00005	0.00500	0.0706	0.97		
Methyl tert-butyl ether	0.00013	0.0200	0.0598	0.97		
Methylene chloride	0.00060	0.00500	0.0554	0.97		
n-Butylbenzene	0.00013	0.00500	0.0660	0.97		
n-Propylbenzene	0.00003	0.00500	0.0688	0.97		
Naphthalene	0.00021	0.00500	0.119	0.97		MQ
o-Xylene	0.00017	0.00500	0.0644	0.97		M
p-Isopropyltoluene	0.00017	0.00600	0.0754	0.97		
sec-Butylbenzene	0.00005	0.00500	0.0689	0.97		
Styrene	0.00012	0.00500	0.0528	0.97		
tert-Butylbenzene	0.00008	0.00500	0.0665	0.97		
Tetrachloroethene	0.00011	0.00500	0.0561	0.97		
Toluene	0.00005	0.00500	0.0517	0.97		
trans-1,2-Dichloroethene	0.00012	0.00500	0.0569	0.97		
trans-1,3-Dichloropropene	0.00015	0.00500	0.0505	0.97		
Trichloroethene	0.00012	0.00500	0.0535	0.97		
Trichlorofluoromethane	0.00008	0.00500	0.0392	0.97		
Vinyl chloride	0.00013	0.00500	0.0530	0.97		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-1 (15.5')	**Lab Sample ID:**	0706159-007AMSD	**Matrix:**	Solid
% Solids:	84.30	**Initial Calibration ID:**	990	**File ID:**	J3435.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.17 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00030	0.00500	0.186	0.97		**M**

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	106	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1714014	685144 - 2740574	
Chlorobenzene-d5	2672454	1005325 - 4021300	
Fluorobenzene	7207171	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-2 (20.5')	**Lab Sample ID:**	0706159-008A	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	990	**File ID:**	J3563.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00569	0.00506	0.96		FQ
1,1,1,2-Tetrachloroethane	0.00018	0.00341	0.00018	0.96		UQ
1,1,1-Trichloroethane	0.00016	0.00569	0.00016	0.96		UQ
1,1,2,2-Tetrachloroethane	0.00016	0.00341	0.00016	0.96		UQ
1,1,2-Trichloroethane	0.00028	0.00569	0.00028	0.96		UQ
1,1-Dichloroethane	0.00009	0.00569	0.00009	0.96		UQ
1,1-Dichloroethene	0.00017	0.00682	0.00017	0.96		UQ
1,1-Dichloropropene	0.00022	0.00569	0.00022	0.96		UQ
1,2,3-Trichlorobenzene	0.00047	0.00569	0.00047	0.96		UQ
1,2,3-Trichloropropane	0.00026	0.00569	0.00026	0.96		UQ
1,2,4-Trichlorobenzene	0.00038	0.00569	0.00038	0.96		UQ
1,2,4-Trimethylbenzene	0.00007	0.00682	0.00424	0.96		FQ
1,2-Dibromo-3-chloropropane	0.00035	0.0114	0.00035	0.96		UQ
1,2-Dibromoethane	0.00009	0.00569	0.00009	0.96		UQ
1,2-Dichlorobenzene	0.00007	0.00569	0.00230	0.96		FQ
1,2-Dichloroethane	0.00013	0.00341	0.00013	0.96		UQ
1,2-Dichloropropane	0.00025	0.00569	0.00025	0.96		UQ
1,3,5-Trimethylbenzene	0.00009	0.00569	0.00174	0.96		FQ
1,3-Dichlorobenzene	0.00013	0.00682	0.00146	0.96		FQ
1,3-Dichloropropane	0.00010	0.00284	0.00010	0.96		UQ
1,4-Dichlorobenzene	0.00007	0.00284	0.0353	0.96		Q
1-Chlorohexane	0.00018	0.00569	0.00018	0.96		UQ
2,2-Dichloropropane	0.00015	0.00569	0.00015	0.96		UQ
2-Butanone	0.00048	0.0227	0.00048	0.96		UQ
2-Chlorotoluene	0.00005	0.00569	0.00005	0.96		UQ
4-Chlorotoluene	0.00008	0.00569	0.00008	0.96		UQ
4-Methyl-2-pentanone	0.00036	0.0227	0.00036	0.96		UQ
Acetone	0.00034	0.0569	0.0132	0.96		FQ
Benzene	0.00006	0.00284	0.00116	0.96		FQ
Bromobenzene	0.00017	0.00569	0.00017	0.96		UQ
Bromochloromethane	0.00023	0.00569	0.00023	0.96		UQ
Bromodichloromethane	0.00007	0.00284	0.00007	0.96		UQ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-2 (20.5')	**Lab Sample ID:**	0706159-008A	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	990	**File ID:**	J3563.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00682	0.00019	0.96		UQ
Bromomethane	0.00015	0.0114	0.00015	0.96		UQ
Carbon tetrachloride	0.00014	0.00569	0.00014	0.96		UQ
Chlorobenzene	0.00008	0.00284	0.0318	0.96		Q
Chloroethane	0.00028	0.00569	0.00028	0.96		UQ
Chloroform	0.00008	0.00284	0.00008	0.96		UQ
Chloromethane	0.00035	0.00569	0.00035	0.96		UQ
cis-1,2-Dichloroethene	0.00018	0.00569	0.00018	0.96		UQ
cis-1,3-Dichloropropene	0.00010	0.00341	0.00010	0.96		UQ
Dibromochloromethane	0.00008	0.00341	0.00008	0.96		UQ
Dibromomethane	0.00014	0.00569	0.00014	0.96		UQ
Dichlorodifluoromethane	0.00009	0.00569	0.00009	0.96		UQ
Ethylbenzene	0.00015	0.00569	0.00126	0.96		FQ
Hexachlorobutadiene	0.00043	0.00341	0.00043	0.96		UQ
Isopropylbenzene	0.00006	0.00569	0.00006	0.96		UQ
Methyl tert-butyl ether	0.00015	0.0227	0.00015	0.96		UQ
Methylene chloride	0.00068	0.00569	0.00527	0.96		FQ
n-Butylbenzene	0.00015	0.00569	0.00015	0.96		UQ
n-Propylbenzene	0.00003	0.00569	0.000899	0.96		FQ
Naphthalene	0.00024	0.00569	0.00119	0.96		FQ
o-Xylene	0.00019	0.00569	0.00176	0.96		FQ
p-Isopropyltoluene	0.00019	0.00682	0.00019	0.96		UQ
sec-Butylbenzene	0.00006	0.00569	0.00006	0.96		UQ
Styrene	0.00014	0.00569	0.00014	0.96		UQ
tert-Butylbenzene	0.00009	0.00569	0.00009	0.96		UQ
Tetrachloroethene	0.00013	0.00569	0.00013	0.96		UQ
Toluene	0.00006	0.00569	0.00521	0.96		FQ
trans-1,2-Dichloroethene	0.00014	0.00569	0.00014	0.96		UQ
trans-1,3-Dichloropropene	0.00017	0.00569	0.00017	0.96		UQ
Trichloroethene	0.00014	0.00569	0.00014	0.96		UQ
Trichlorofluoromethane	0.00009	0.00569	0.00009	0.96		UQ
Vinyl chloride	0.00015	0.00569	0.00015	0.96		UQ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-2 (20.5')	**Lab Sample ID:**	0706159-008A	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	990	**File ID:**	J3563.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	03-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00569	0.00682	0.96		Q

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	130	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	96	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	150609	685144 - 2740574	*
Chlorobenzene-d5	267796	1005325 - 4021300	*
Fluorobenzene	656177	2897598 - 11590392	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-2 (20.5') RA	**Lab Sample ID:**	0706159-008ARA	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	990	**File ID:**	J3598.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00563	0.00217	0.95		FQ
1,1,1,2-Tetrachloroethane	0.00018	0.00338	0.00018	0.95		UQ
1,1,1-Trichloroethane	0.00016	0.00563	0.00016	0.95		U
1,1,2,2-Tetrachloroethane	0.00016	0.00338	0.00016	0.95		UQ
1,1,2-Trichloroethane	0.00028	0.00563	0.00028	0.95		UQ
1,1-Dichloroethane	0.00009	0.00563	0.00009	0.95		U
1,1-Dichloroethene	0.00017	0.00675	0.00017	0.95		U
1,1-Dichloropropene	0.00021	0.00563	0.00021	0.95		U
1,2,3-Trichlorobenzene	0.00046	0.00563	0.00046	0.95		UQ
1,2,3-Trichloropropane	0.00026	0.00563	0.00026	0.95		UQ
1,2,4-Trichlorobenzene	0.00037	0.00563	0.00037	0.95		UQ
1,2,4-Trimethylbenzene	0.00007	0.00675	0.00315	0.95		FQ
1,2-Dibromo-3-chloropropane	0.00035	0.0113	0.00035	0.95		UQ
1,2-Dibromoethane	0.00009	0.00563	0.00009	0.95		UQ
1,2-Dichlorobenzene	0.00007	0.00563	0.00163	0.95		FQ
1,2-Dichloroethane	0.00012	0.00338	0.00012	0.95		U
1,2-Dichloropropane	0.00025	0.00563	0.00025	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00563	0.00137	0.95		FQ
1,3-Dichlorobenzene	0.00012	0.00675	0.00119	0.95		FQ
1,3-Dichloropropane	0.00010	0.00281	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00281	0.0337	0.95		Q
1-Chlorohexane	0.00018	0.00563	0.00018	0.95		U
2,2-Dichloropropane	0.00015	0.00563	0.00015	0.95		U
2-Butanone	0.00047	0.0225	0.00047	0.95		U
2-Chlorotoluene	0.00005	0.00563	0.00005	0.95		UQ
4-Chlorotoluene	0.00008	0.00563	0.00008	0.95		UQ
4-Methyl-2-pentanone	0.00036	0.0225	0.00036	0.95		U
Acetone	0.00034	0.0563	0.00492	0.95		F
Benzene	0.00006	0.00281	0.00128	0.95		F
Bromobenzene	0.00017	0.00563	0.00017	0.95		UQ
Bromochloromethane	0.00023	0.00563	0.00023	0.95		UQ
Bromodichloromethane	0.00007	0.00281	0.00007	0.95		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-2 (20.5') RA	**Lab Sample ID:**	0706159-008ARA	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	990	**File ID:**	J3598.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00675	0.00019	0.95		UQ
Bromomethane	0.00015	0.0113	0.00015	0.95		U
Carbon tetrachloride	0.00014	0.00563	0.00014	0.95		U
Chlorobenzene	0.00008	0.00281	0.0256	0.95		Q
Chloroethane	0.00028	0.00563	0.00028	0.95		UQ
Chloroform	0.00008	0.00281	0.00008	0.95		U
Chloromethane	0.00035	0.00563	0.00035	0.95		UQ
cis-1,2-Dichloroethene	0.00018	0.00563	0.00018	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00338	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00338	0.00008	0.95		UQ
Dibromomethane	0.00014	0.00563	0.00014	0.95		UQ
Dichlorodifluoromethane	0.00009	0.00563	0.00009	0.95		UQ
Ethylbenzene	0.00015	0.00563	0.000664	0.95		F
Hexachlorobutadiene	0.00043	0.00338	0.00043	0.95		UQ
Isopropylbenzene	0.00006	0.00563	0.00006	0.95		UQ
Methyl tert-butyl ether	0.00015	0.0225	0.00015	0.95		U
Methylene chloride	0.00068	0.00563	0.00258	0.95		F
n-Butylbenzene	0.00015	0.00563	0.00015	0.95		UQ
n-Propylbenzene	0.00003	0.00563	0.000754	0.95		FQ
Naphthalene	0.00024	0.00563	0.000934	0.95		FQB
o-Xylene	0.00019	0.00563	0.000822	0.95		FQ
p-Isopropyltoluene	0.00019	0.00675	0.00019	0.95		UQ
sec-Butylbenzene	0.00006	0.00563	0.00006	0.95		UQ
Styrene	0.00014	0.00563	0.00014	0.95		UQ
tert-Butylbenzene	0.00009	0.00563	0.00009	0.95		UQ
Tetrachloroethene	0.00012	0.00563	0.00012	0.95		UQ
Toluene	0.00006	0.00563	0.00104	0.95		FQ
trans-1,2-Dichloroethene	0.00014	0.00563	0.00014	0.95		U
trans-1,3-Dichloropropene	0.00017	0.00563	0.00017	0.95		UQ
Trichloroethene	0.00014	0.00563	0.00014	0.95		UQ
Trichlorofluoromethane	0.00009	0.00563	0.00009	0.95		UQ
Vinyl chloride	0.00015	0.00563	0.00015	0.95		UQ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB16-2 (20.5') RA	**Lab Sample ID:**	0706159-008ARA	**Matrix:**	Soil
% Solids:	84.40	**Initial Calibration ID:**	990	**File ID:**	J3598.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00563	0.00299	0.95		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	84	84 - 118	
Dibromofluoromethane	93	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	624876	685144 - 2740574	*
Chlorobenzene-d5	1265691	1005325 - 4021300	
Fluorobenzene	3547986	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-1 (11.5')	**Lab Sample ID:**	0706159-009B	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	992	**File ID:**	M1300.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0142	0.548	0.0142	1		U
1,1,1,2-Tetrachloroethane	0.0175	0.329	0.0175	1		U
1,1,1-Trichloroethane	0.0153	0.548	0.0153	1		U
1,1,2,2-Tetrachloroethane	0.0153	0.329	0.0153	1		U
1,1,2-Trichloroethane	0.0274	0.548	0.0274	1		U
1,1-Dichloroethane	0.00876	0.548	0.00876	1		U
1,1-Dichloroethene	0.0164	0.657	0.0164	1		U
1,1-Dichloropropene	0.0208	0.548	0.0208	1		U
1,2,3-Trichlorobenzene	0.0449	0.548	0.0449	1		U
1,2,3-Trichloropropane	0.0252	0.548	0.0252	1		U
1,2,4-Trichlorobenzene	0.0361	0.548	0.0361	1		U
1,2,4-Trimethylbenzene	0.00657	0.657	4.13	1		J
1,2-Dibromo-3-chloropropane	0.0340	1.10	0.0340	1		U
1,2-Dibromoethane	0.00876	0.548	0.00876	1		U
1,2-Dichlorobenzene	0.00657	0.548	0.192	1		FJ
1,2-Dichloroethane	0.0120	0.329	0.0120	1		U
1,2-Dichloropropane	0.0241	0.548	0.0241	1		U
1,3,5-Trimethylbenzene	0.00876	0.548	0.805	1		J
1,3-Dichlorobenzene	0.0120	0.657	0.0120	1		U
1,3-Dichloropropane	0.00986	0.274	0.00986	1		U
1,4-Dichlorobenzene	0.00657	0.274	0.553	1		J
1-Chlorohexane	0.0175	0.548	0.0175	1		U
2,2-Dichloropropane	0.0142	0.548	0.0142	1		U
2-Butanone	0.0460	2.19	0.0460	1		U
2-Chlorotoluene	0.00438	0.548	0.00438	1		U
4-Chlorotoluene	0.00767	0.548	0.00767	1		U
4-Methyl-2-pentanone	0.0350	2.19	0.0350	1		U
Acetone	0.0329	5.48	0.0329	1		U
Benzene	0.00548	0.274	0.00548	1		U
Bromobenzene	0.0164	0.548	0.0164	1		U
Bromochloromethane	0.0219	0.548	0.0219	1		U
Bromodichloromethane	0.00657	0.274	0.00657	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-1 (11.5')	**Lab Sample ID:**	0706159-009B	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	992	**File ID:**	M1300.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0186	0.657	0.0186	1		U
Bromomethane	0.0142	1.10	0.0142	1		U
Carbon tetrachloride	0.0131	0.548	0.0131	1		U
Chlorobenzene	0.00767	0.274	0.00767	1		U
Chloroethane	0.0274	0.548	0.0274	1		U
Chloroform	0.00767	0.274	0.00767	1		U
Chloromethane	0.0340	0.548	0.0340	1		U
cis-1,2-Dichloroethene	0.0175	0.548	0.0175	1		U
cis-1,3-Dichloropropene	0.00986	0.329	0.00986	1		U
Dibromochloromethane	0.00767	0.329	0.00767	1		U
Dibromomethane	0.0131	0.548	0.0131	1		U
Dichlorodifluoromethane	0.00876	0.548	0.00876	1		U
Ethylbenzene	0.0142	0.548	0.0142	1		U
Hexachlorobutadiene	0.0416	0.329	0.0416	1		U
Isopropylbenzene	0.00548	0.548	0.553	1		J
Methyl tert-butyl ether	0.0142	2.19	0.0142	1		U
Methylene chloride	0.0657	0.548	0.131	1		FJ
n-Butylbenzene	0.0142	0.548	0.0142	1		U
n-Propylbenzene	0.00329	0.548	0.750	1		J
Naphthalene	0.0230	0.548	0.0230	1		U
o-Xylene	0.0186	0.548	0.0186	1		U
p-Isopropyltoluene	0.0186	0.657	0.0186	1		U
sec-Butylbenzene	0.00548	0.548	1.99	1		J
Styrene	0.0131	0.548	0.0131	1		U
tert-Butylbenzene	0.00876	0.548	0.00876	1		U
Tetrachloroethene	0.0120	0.548	0.0120	1		U
Toluene	0.00548	0.548	0.00548	1		U
trans-1,2-Dichloroethene	0.0131	0.548	0.0131	1		U
trans-1,3-Dichloropropene	0.0164	0.548	0.0164	1		U
Trichloroethene	0.0131	0.548	0.0131	1		U
Trichlorofluoromethane	0.00876	0.548	0.00876	1		U
Vinyl chloride	0.0142	0.548	0.0142	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-1 (11.5')	**Lab Sample ID:**	0706159-009B	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	992	**File ID:**	M1300.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0329	1.10	0.0329	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	145	84 - 118	*
Dibromofluoromethane	77	65 - 135	
Toluene-d8	92	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2635836	1128046 - 4512186	
Chlorobenzene-d5	2917296	1392345 - 5569380	
Fluorobenzene	5758814	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-1 (11.5') DL	**Lab Sample ID:**	0706159-009BDL	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	992	**File ID:**	M1363.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0570	2.19	0.0570	4		U
1,1,1,2-Tetrachloroethane	0.0701	1.31	0.0701	4		U
1,1,1-Trichloroethane	0.0613	2.19	0.0613	4		U
1,1,2,2-Tetrachloroethane	0.0613	1.31	0.0613	4		U
1,1,2-Trichloroethane	0.110	2.19	0.110	4		U
1,1-Dichloroethane	0.0350	2.19	0.0350	4		U
1,1-Dichloroethene	0.0657	2.63	0.0657	4		U
1,1-Dichloropropene	0.0832	2.19	0.0832	4		U
1,2,3-Trichlorobenzene	0.180	2.19	0.180	4		U
1,2,3-Trichloropropane	0.101	2.19	0.101	4		U
1,2,4-Trichlorobenzene	0.145	2.19	0.145	4		U
1,2,4-Trimethylbenzene	0.0263	2.63	4.16	4		
1,2-Dibromo-3-chloropropane	0.136	4.38	0.136	4		U
1,2-Dibromoethane	0.0350	2.19	0.0350	4		U
1,2-Dichlorobenzene	0.0263	2.19	0.0263	4		U
1,2-Dichloroethane	0.0482	1.31	0.0482	4		U
1,2-Dichloropropane	0.0964	2.19	0.0964	4		U
1,3,5-Trimethylbenzene	0.0350	2.19	0.854	4		F
1,3-Dichlorobenzene	0.0482	2.63	0.0482	4		U
1,3-Dichloropropane	0.0394	1.10	0.0394	4		U
1,4-Dichlorobenzene	0.0263	1.10	0.548	4		F
1-Chlorohexane	0.0701	2.19	0.0701	4		U
2,2-Dichloropropane	0.0570	2.19	0.0570	4		U
2-Butanone	0.184	8.76	0.184	4		U
2-Chlorotoluene	0.0175	2.19	0.0175	4		U
4-Chlorotoluene	0.0307	2.19	0.0307	4		U
4-Methyl-2-pentanone	0.140	8.76	0.140	4		U
Acetone	0.131	21.9	0.131	4		U
Benzene	0.0219	1.10	0.0219	4		U
Bromobenzene	0.0657	2.19	0.0657	4		U
Bromochloromethane	0.0876	2.19	0.0876	4		U
Bromodichloromethane	0.0263	1.10	0.0263	4		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-1 (11.5') DL	**Lab Sample ID:**	0706159-009BDL	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	992	**File ID:**	M1363.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0745	2.63	0.0745	4		U
Bromomethane	0.0570	4.38	0.0570	4		U
Carbon tetrachloride	0.0526	2.19	0.0526	4		U
Chlorobenzene	0.0307	1.10	0.329	4		F
Chloroethane	0.110	2.19	0.110	4		U
Chloroform	0.0307	1.10	0.0307	4		U
Chloromethane	0.136	2.19	0.136	4		U
cis-1,2-Dichloroethene	0.0701	2.19	0.0701	4		U
cis-1,3-Dichloropropene	0.0394	1.31	0.0394	4		U
Dibromochloromethane	0.0307	1.31	0.0307	4		U
Dibromomethane	0.0526	2.19	0.0526	4		U
Dichlorodifluoromethane	0.0350	2.19	0.0350	4		U
Ethylbenzene	0.0570	2.19	0.0570	4		U
Hexachlorobutadiene	0.166	1.31	0.166	4		U
Isopropylbenzene	0.0219	2.19	0.548	4		F
Methyl tert-butyl ether	0.0570	8.76	0.0570	4		U
Methylene chloride	0.263	2.19	0.548	4		F
n-Butylbenzene	0.0570	2.19	0.0570	4		U
n-Propylbenzene	0.0131	2.19	0.876	4		F
Naphthalene	0.0920	2.19	0.0920	4		U
o-Xylene	0.0745	2.19	0.0745	4		U
p-Isopropyltoluene	0.0745	2.63	0.0745	4		U
sec-Butylbenzene	0.0219	2.19	2.06	4		F
Styrene	0.0526	2.19	0.0526	4		U
tert-Butylbenzene	0.0350	2.19	0.0350	4		U
Tetrachloroethene	0.0482	2.19	0.0482	4		U
Toluene	0.0219	2.19	0.0219	4		U
trans-1,2-Dichloroethene	0.0526	2.19	0.0526	4		U
trans-1,3-Dichloropropene	0.0657	2.19	0.0657	4		U
Trichloroethene	0.0526	2.19	0.0526	4		U
Trichlorofluoromethane	0.0350	2.19	0.0350	4		U
Vinyl chloride	0.0570	2.19	0.0570	4		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-1 (11.5') DL	**Lab Sample ID:**	0706159-009BDL	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	992	**File ID:**	M1363.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.131	4.38	0.131	4		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	101	84 - 118	
Dibromofluoromethane	81	65 - 135	
Toluene-d8	89	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2530293	1128046 - 4512186	
Chlorobenzene-d5	3070573	1392345 - 5569380	
Fluorobenzene	5665392	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-2 (12.0')	**Lab Sample ID:**	0706159-010A	**Matrix:**	Soil
% Solids:	84.80	**Initial Calibration ID:**	990	**File ID:**	J3421.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00560	0.00015	0.95		U
1,1,1,2-Tetrachloroethane	0.00018	0.00336	0.00018	0.95		U
1,1,1-Trichloroethane	0.00016	0.00560	0.00016	0.95		U
1,1,2,2-Tetrachloroethane	0.00016	0.00336	0.00016	0.95		U
1,1,2-Trichloroethane	0.00028	0.00560	0.00028	0.95		U
1,1-Dichloroethane	0.00009	0.00560	0.00009	0.95		U
1,1-Dichloroethene	0.00017	0.00672	0.00017	0.95		U
1,1-Dichloropropene	0.00021	0.00560	0.00021	0.95		U
1,2,3-Trichlorobenzene	0.00046	0.00560	0.00046	0.95		U
1,2,3-Trichloropropane	0.00026	0.00560	0.00026	0.95		U
1,2,4-Trichlorobenzene	0.00037	0.00560	0.00037	0.95		U
1,2,4-Trimethylbenzene	0.00007	0.00672	0.00007	0.95		U
1,2-Dibromo-3-chloropropane	0.00035	0.0112	0.00035	0.95		U
1,2-Dibromoethane	0.00009	0.00560	0.00009	0.95		U
1,2-Dichlorobenzene	0.00007	0.00560	0.00007	0.95		U
1,2-Dichloroethane	0.00012	0.00336	0.00012	0.95		U
1,2-Dichloropropane	0.00025	0.00560	0.00025	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00560	0.00009	0.95		U
1,3-Dichlorobenzene	0.00012	0.00672	0.00012	0.95		U
1,3-Dichloropropane	0.00010	0.00280	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00280	0.000863	0.95		F
1-Chlorohexane	0.00018	0.00560	0.00018	0.95		U
2,2-Dichloropropane	0.00015	0.00560	0.00015	0.95		U
2-Butanone	0.00047	0.0224	0.00047	0.95		U
2-Chlorotoluene	0.00004	0.00560	0.00004	0.95		U
4-Chlorotoluene	0.00008	0.00560	0.00008	0.95		U
4-Methyl-2-pentanone	0.00036	0.0224	0.00036	0.95		U
Acetone	0.00034	0.0560	0.00169	0.95		F
Benzene	0.00006	0.00280	0.00006	0.95		U
Bromobenzene	0.00017	0.00560	0.00017	0.95		U
Bromochloromethane	0.00022	0.00560	0.00022	0.95		U
Bromodichloromethane	0.00007	0.00280	0.00007	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-2 (12.0')	**Lab Sample ID:**	0706159-010A	**Matrix:**	Soil
% Solids:	84.80	**Initial Calibration ID:**	990	**File ID:**	J3421.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00672	0.00019	0.95		U
Bromomethane	0.00015	0.0112	0.00015	0.95		U
Carbon tetrachloride	0.00013	0.00560	0.00013	0.95		U
Chlorobenzene	0.00008	0.00280	0.000695	0.95		F
Chloroethane	0.00028	0.00560	0.00028	0.95		U
Chloroform	0.00008	0.00280	0.00008	0.95		U
Chloromethane	0.00035	0.00560	0.00035	0.95		U
cis-1,2-Dichloroethene	0.00018	0.00560	0.00018	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00336	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00336	0.00008	0.95		U
Dibromomethane	0.00013	0.00560	0.00013	0.95		U
Dichlorodifluoromethane	0.00009	0.00560	0.00009	0.95		U
Ethylbenzene	0.00015	0.00560	0.00015	0.95		U
Hexachlorobutadiene	0.00043	0.00336	0.00043	0.95		U
Isopropylbenzene	0.00006	0.00560	0.00006	0.95		U
Methyl tert-butyl ether	0.00015	0.0224	0.00015	0.95		U
Methylene chloride	0.00067	0.00560	0.00297	0.95		F
n-Butylbenzene	0.00015	0.00560	0.00015	0.95		U
n-Propylbenzene	0.00003	0.00560	0.00003	0.95		U
Naphthalene	0.00024	0.00560	0.00024	0.95		U
o-Xylene	0.00019	0.00560	0.00019	0.95		U
p-Isopropyltoluene	0.00019	0.00672	0.00019	0.95		U
sec-Butylbenzene	0.00006	0.00560	0.00006	0.95		U
Styrene	0.00013	0.00560	0.00013	0.95		U
tert-Butylbenzene	0.00009	0.00560	0.00009	0.95		U
Tetrachloroethene	0.00012	0.00560	0.00012	0.95		U
Toluene	0.00006	0.00560	0.000997	0.95		F
trans-1,2-Dichloroethene	0.00013	0.00560	0.00013	0.95		U
trans-1,3-Dichloropropene	0.00017	0.00560	0.00017	0.95		U
Trichloroethene	0.00013	0.00560	0.00013	0.95		U
Trichlorofluoromethane	0.00009	0.00560	0.00009	0.95		U
Vinyl chloride	0.00015	0.00560	0.00015	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB17-2 (12.0')	**Lab Sample ID:**	0706159-010A	**Matrix:**	Soil
% Solids:	84.80	**Initial Calibration ID:**	990	**File ID:**	J3421.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.29 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00560	0.00034	0.95		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	90	52 - 149	
4-Bromofluorobenzene	89	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1021204	685144 - 2740574	
Chlorobenzene-d5	1813243	1005325 - 4021300	
Fluorobenzene	5581656	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1 (8.5')	**Lab Sample ID:**	0706159-011B	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	992	**File ID:**	M1301.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0630	2.42	0.0630	4		U
1,1,1,2-Tetrachloroethane	0.0776	1.45	0.0776	4		U
1,1,1-Trichloroethane	0.0679	2.42	0.0679	4		U
1,1,2,2-Tetrachloroethane	0.0679	1.45	0.0679	4		U
1,1,2-Trichloroethane	0.121	2.42	0.121	4		U
1,1-Dichloroethane	0.0388	2.42	0.0388	4		U
1,1-Dichloroethene	0.0727	2.91	0.0727	4		U
1,1-Dichloropropene	0.0921	2.42	0.0921	4		U
1,2,3-Trichlorobenzene	0.199	2.42	0.199	4		U
1,2,3-Trichloropropane	0.112	2.42	0.112	4		U
1,2,4-Trichlorobenzene	0.160	2.42	0.160	4		U
1,2,4-Trimethylbenzene	0.0291	2.91	17.6	4		J
1,2-Dibromo-3-chloropropane	0.150	4.85	0.150	4		U
1,2-Dibromoethane	0.0388	2.42	0.0388	4		U
1,2-Dichlorobenzene	0.0291	2.42	0.0291	4		U
1,2-Dichloroethane	0.0533	1.45	0.0533	4		U
1,2-Dichloropropane	0.107	2.42	0.107	4		U
1,3,5-Trimethylbenzene	0.0388	2.42	44.7	4		J
1,3-Dichlorobenzene	0.0533	2.91	0.0533	4		U
1,3-Dichloropropane	0.0436	1.21	0.0436	4		U
1,4-Dichlorobenzene	0.0291	1.21	0.606	4		FJ
1-Chlorohexane	0.0776	2.42	0.0776	4		U
2,2-Dichloropropane	0.0630	2.42	0.0630	4		U
2-Butanone	0.204	9.70	0.204	4		U
2-Chlorotoluene	0.0194	2.42	0.0194	4		U
4-Chlorotoluene	0.0339	2.42	0.0339	4		U
4-Methyl-2-pentanone	0.155	9.70	0.155	4		U
Acetone	0.145	24.2	0.145	4		U
Benzene	0.0242	1.21	0.0242	4		U
Bromobenzene	0.0727	2.42	0.0727	4		U
Bromochloromethane	0.0970	2.42	0.0970	4		U
Bromodichloromethane	0.0291	1.21	0.0291	4		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1 (8.5')	**Lab Sample ID:**	0706159-011B	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	992	**File ID:**	M1301.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0824	2.91	0.0824	4		U
Bromomethane	0.0630	4.85	0.0630	4		U
Carbon tetrachloride	0.0582	2.42	0.0582	4		U
Chlorobenzene	0.0339	1.21	3.56	4		J
Chloroethane	0.121	2.42	0.121	4		U
Chloroform	0.0339	1.21	0.0339	4		U
Chloromethane	0.150	2.42	0.150	4		U
cis-1,2-Dichloroethene	0.0776	2.42	0.0776	4		U
cis-1,3-Dichloropropene	0.0436	1.45	0.0436	4		U
Dibromochloromethane	0.0339	1.45	0.0339	4		U
Dibromomethane	0.0582	2.42	0.0582	4		U
Dichlorodifluoromethane	0.0388	2.42	0.0388	4		U
Ethylbenzene	0.0630	2.42	0.0630	4		U
Hexachlorobutadiene	0.184	1.45	0.184	4		U
Isopropylbenzene	0.0242	2.42	0.0242	4		U
Methyl tert-butyl ether	0.0630	9.70	0.0630	4		U
Methylene chloride	0.291	2.42	0.582	4		FJ
n-Butylbenzene	0.0630	2.42	0.0630	4		U
n-Propylbenzene	0.0145	2.42	5.58	4		J
Naphthalene	0.102	2.42	0.102	4		U
o-Xylene	0.0824	2.42	0.0824	4		U
p-Isopropyltoluene	0.0824	2.91	7.83	4		J
sec-Butylbenzene	0.0242	2.42	6.28	4		J
Styrene	0.0582	2.42	0.0582	4		U
tert-Butylbenzene	0.0388	2.42	0.0388	4		U
Tetrachloroethene	0.0533	2.42	0.0533	4		U
Toluene	0.0242	2.42	0.0242	4		U
trans-1,2-Dichloroethene	0.0582	2.42	0.0582	4		U
trans-1,3-Dichloropropene	0.0727	2.42	0.0727	4		U
Trichloroethene	0.0582	2.42	0.0582	4		U
Trichlorofluoromethane	0.0388	2.42	0.0388	4		U
Vinyl chloride	0.0630	2.42	0.0630	4		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1 (8.5')	**Lab Sample ID:**	0706159-011B	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	992	**File ID:**	M1301.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.145	4.85	0.145	4		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	126	84 - 118	*
Dibromofluoromethane	68	65 - 135	
Toluene-d8	91	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2761535	1128046 - 4512186	
Chlorobenzene-d5	3271825	1392345 - 5569380	
Fluorobenzene	5884158	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1 (8.5') DL	**Lab Sample ID:**	0706159-011BDL	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	992	**File ID:**	M1364.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.252	9.70	0.252	16		U
1,1,1,2-Tetrachloroethane	0.310	5.82	0.310	16		U
1,1,1-Trichloroethane	0.272	9.70	0.272	16		U
1,1,2,2-Tetrachloroethane	0.272	5.82	0.272	16		U
1,1,2-Trichloroethane	0.485	9.70	0.485	16		U
1,1-Dichloroethane	0.155	9.70	0.155	16		U
1,1-Dichloroethene	0.291	11.6	0.291	16		U
1,1-Dichloropropene	0.368	9.70	0.368	16		U
1,2,3-Trichlorobenzene	0.795	9.70	0.795	16		U
1,2,3-Trichloropropane	0.446	9.70	0.446	16		U
1,2,4-Trichlorobenzene	0.640	9.70	0.640	16		U
1,2,4-Trimethylbenzene	0.116	11.6	17.7	16		
1,2-Dibromo-3-chloropropane	0.601	19.4	0.601	16		U
1,2-Dibromoethane	0.155	9.70	0.155	16		U
1,2-Dichlorobenzene	0.116	9.70	0.116	16		U
1,2-Dichloroethane	0.213	5.82	0.213	16		U
1,2-Dichloropropane	0.427	9.70	0.427	16		U
1,3,5-Trimethylbenzene	0.155	9.70	45.8	16		
1,3-Dichlorobenzene	0.213	11.6	0.213	16		U
1,3-Dichloropropane	0.175	4.85	0.175	16		U
1,4-Dichlorobenzene	0.116	4.85	0.116	16		U
1-Chlorohexane	0.310	9.70	0.310	16		U
2,2-Dichloropropane	0.252	9.70	0.252	16		U
2-Butanone	0.815	38.8	0.815	16		U
2-Chlorotoluene	0.0776	9.70	0.0776	16		U
4-Chlorotoluene	0.136	9.70	0.136	16		U
4-Methyl-2-pentanone	0.621	38.8	0.621	16		U
Acetone	0.582	97.0	0.582	16		U
Benzene	0.0970	4.85	0.0970	16		U
Bromobenzene	0.291	9.70	0.291	16		U
Bromochloromethane	0.388	9.70	0.388	16		U
Bromodichloromethane	0.116	4.85	0.116	16		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1 (8.5') DL	**Lab Sample ID:**	0706159-011BDL	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	992	**File ID:**	M1364.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.330	11.6	0.330	16		U
Bromomethane	0.252	19.4	0.252	16		U
Carbon tetrachloride	0.233	9.70	0.233	16		U
Chlorobenzene	0.136	4.85	3.88	16		F
Chloroethane	0.485	9.70	0.485	16		U
Chloroform	0.136	4.85	0.136	16		U
Chloromethane	0.601	9.70	0.601	16		U
cis-1,2-Dichloroethene	0.310	9.70	0.310	16		U
cis-1,3-Dichloropropene	0.175	5.82	0.175	16		U
Dibromochloromethane	0.136	5.82	0.136	16		U
Dibromomethane	0.233	9.70	0.233	16		U
Dichlorodifluoromethane	0.155	9.70	0.155	16		U
Ethylbenzene	0.252	9.70	0.252	16		U
Hexachlorobutadiene	0.737	5.82	0.737	16		U
Isopropylbenzene	0.0970	9.70	0.0970	16		U
Methyl tert-butyl ether	0.252	38.8	0.252	16		U
Methylene chloride	1.16	9.70	2.62	16		F
n-Butylbenzene	0.252	9.70	0.252	16		U
n-Propylbenzene	0.0582	9.70	6.30	16		F
Naphthalene	0.407	9.70	0.407	16		U
o-Xylene	0.330	9.70	0.330	16		U
p-Isopropyltoluene	0.330	11.6	9.02	16		F
sec-Butylbenzene	0.0970	9.70	6.59	16		F
Styrene	0.233	9.70	0.233	16		U
tert-Butylbenzene	0.155	9.70	0.155	16		U
Tetrachloroethene	0.213	9.70	0.213	16		U
Toluene	0.0970	9.70	0.0970	16		U
trans-1,2-Dichloroethene	0.233	9.70	0.233	16		U
trans-1,3-Dichloropropene	0.291	9.70	0.291	16		U
Trichloroethene	0.233	9.70	0.233	16		U
Trichlorofluoromethane	0.155	9.70	0.155	16		U
Vinyl chloride	0.252	9.70	0.252	16		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1 (8.5') DL	**Lab Sample ID:**	0706159-011BDL	**Matrix:**	Soil
% Solids:	82.50	**Initial Calibration ID:**	992	**File ID:**	M1364.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.582	19.4	0.582	16		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	52 - 149	
4-Bromofluorobenzene	118	84 - 118	
Dibromofluoromethane	75	65 - 135	
Toluene-d8	86	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2433149	1128046 - 4512186	
Chlorobenzene-d5	2976163	1392345 - 5569380	
Fluorobenzene	5541565	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1/D (8.5')	**Lab Sample ID:**	0706159-012B	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1302.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0617	2.37	0.0617	4		U
1,1,1,2-Tetrachloroethane	0.0759	1.42	0.0759	4		U
1,1,1-Trichloroethane	0.0664	2.37	0.0664	4		U
1,1,2,2-Tetrachloroethane	0.0664	1.42	0.0664	4		U
1,1,2-Trichloroethane	0.119	2.37	0.119	4		U
1,1-Dichloroethane	0.0380	2.37	0.0380	4		U
1,1-Dichloroethene	0.0712	2.85	0.0712	4		U
1,1-Dichloropropene	0.0902	2.37	0.0902	4		U
1,2,3-Trichlorobenzene	0.195	2.37	0.195	4		U
1,2,3-Trichloropropane	0.109	2.37	0.109	4		U
1,2,4-Trichlorobenzene	0.157	2.37	0.157	4		U
1,2,4-Trimethylbenzene	0.0285	2.85	24.6	4		J
1,2-Dibromo-3-chloropropane	0.147	4.74	0.147	4		U
1,2-Dibromoethane	0.0380	2.37	0.0380	4		U
1,2-Dichlorobenzene	0.0285	2.37	0.0285	4		U
1,2-Dichloroethane	0.0522	1.42	0.0522	4		U
1,2-Dichloropropane	0.104	2.37	0.104	4		U
1,3,5-Trimethylbenzene	0.0380	2.37	54.0	4		J
1,3-Dichlorobenzene	0.0522	2.85	0.0522	4		U
1,3-Dichloropropane	0.0427	1.19	0.0427	4		U
1,4-Dichlorobenzene	0.0285	1.19	2.14	4		J
1-Chlorohexane	0.0759	2.37	0.0759	4		U
2,2-Dichloropropane	0.0617	2.37	0.0617	4		U
2-Butanone	0.199	9.49	0.199	4		U
2-Chlorotoluene	0.0190	2.37	0.0190	4		U
4-Chlorotoluene	0.0332	2.37	0.0332	4		U
4-Methyl-2-pentanone	0.152	9.49	0.152	4		U
Acetone	0.142	23.7	0.142	4		U
Benzene	0.0237	1.19	0.0237	4		U
Bromobenzene	0.0712	2.37	0.0712	4		U
Bromochloromethane	0.0949	2.37	0.0949	4		U
Bromodichloromethane	0.0285	1.19	0.0285	4		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1/D (8.5')	**Lab Sample ID:**	0706159-012B	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1302.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0807	2.85	0.0807	4		U
Bromomethane	0.0617	4.74	0.0617	4		U
Carbon tetrachloride	0.0569	2.37	0.0569	4		U
Chlorobenzene	0.0332	1.19	6.50	4		J
Chloroethane	0.119	2.37	0.119	4		U
Chloroform	0.0332	1.19	0.0332	4		U
Chloromethane	0.147	2.37	0.147	4		U
cis-1,2-Dichloroethene	0.0759	2.37	0.0759	4		U
cis-1,3-Dichloropropene	0.0427	1.42	0.0427	4		U
Dibromochloromethane	0.0332	1.42	0.0332	4		U
Dibromomethane	0.0569	2.37	0.0569	4		U
Dichlorodifluoromethane	0.0380	2.37	0.0380	4		U
Ethylbenzene	0.0617	2.37	0.0617	4		U
Hexachlorobutadiene	0.180	1.42	0.180	4		U
Isopropylbenzene	0.0237	2.37	0.878	4		FJ
Methyl tert-butyl ether	0.0617	9.49	0.0617	4		U
Methylene chloride	0.285	2.37	0.617	4		FJ
n-Butylbenzene	0.0617	2.37	0.0617	4		U
n-Propylbenzene	0.0142	2.37	6.50	4		J
Naphthalene	0.0996	2.37	0.0996	4		U
o-Xylene	0.0807	2.37	0.0807	4		U
p-Isopropyltoluene	0.0807	2.85	12.9	4		J
sec-Butylbenzene	0.0237	2.37	9.49	4		J
Styrene	0.0569	2.37	0.0569	4		U
tert-Butylbenzene	0.0380	2.37	0.0380	4		U
Tetrachloroethene	0.0522	2.37	0.0522	4		U
Toluene	0.0237	2.37	0.0237	4		U
trans-1,2-Dichloroethene	0.0569	2.37	0.0569	4		U
trans-1,3-Dichloropropene	0.0712	2.37	0.0712	4		U
Trichloroethene	0.0569	2.37	0.0569	4		U
Trichlorofluoromethane	0.0380	2.37	0.0380	4		U
Vinyl chloride	0.0617	2.37	0.0617	4		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1/D (8.5')	**Lab Sample ID:**	0706159-012B	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1302.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.142	4.74	0.142	4		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	135	84 - 118	*
Dibromofluoromethane	66	65 - 135	
Toluene-d8	93	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2795126	1128046 - 4512186	
Chlorobenzene-d5	3070294	1392345 - 5569380	
Fluorobenzene	5900786	2298515 - 9194060	

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1/D (8.5') DL	**Lab Sample ID:**	0706159-012BDL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1365.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.247	9.49	0.247	16		U
1,1,1,2-Tetrachloroethane	0.304	5.69	0.304	16		U
1,1,1-Trichloroethane	0.266	9.49	0.266	16		U
1,1,2,2-Tetrachloroethane	0.266	5.69	0.266	16		U
1,1,2-Trichloroethane	0.474	9.49	0.474	16		U
1,1-Dichloroethane	0.152	9.49	0.152	16		U
1,1-Dichloroethene	0.285	11.4	0.285	16		U
1,1-Dichloropropene	0.361	9.49	0.361	16		U
1,2,3-Trichlorobenzene	0.778	9.49	0.778	16		U
1,2,3-Trichloropropane	0.437	9.49	0.437	16		U
1,2,4-Trichlorobenzene	0.626	9.49	0.626	16		U
1,2,4-Trimethylbenzene	0.114	11.4	23.9	16		J
1,2-Dibromo-3-chloropropane	0.588	19.0	0.588	16		U
1,2-Dibromoethane	0.152	9.49	0.152	16		U
1,2-Dichlorobenzene	0.114	9.49	0.114	16		U
1,2-Dichloroethane	0.209	5.69	0.209	16		U
1,2-Dichloropropane	0.418	9.49	0.418	16		U
1,3,5-Trimethylbenzene	0.152	9.49	52.5	16		J
1,3-Dichlorobenzene	0.209	11.4	0.209	16		U
1,3-Dichloropropane	0.171	4.74	0.171	16		U
1,4-Dichlorobenzene	0.114	4.74	1.90	16		FJ
1-Chlorohexane	0.304	9.49	0.304	16		U
2,2-Dichloropropane	0.247	9.49	0.247	16		U
2-Butanone	0.797	38.0	0.797	16		U
2-Chlorotoluene	0.0759	9.49	0.0759	16		U
4-Chlorotoluene	0.133	9.49	0.133	16		U
4-Methyl-2-pentanone	0.607	38.0	0.607	16		U
Acetone	0.569	94.9	0.569	16		U
Benzene	0.0949	4.74	0.0949	16		U
Bromobenzene	0.285	9.49	0.285	16		U
Bromochloromethane	0.380	9.49	0.380	16		U
Bromodichloromethane	0.114	4.74	0.114	16		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1/D (8.5') DL	**Lab Sample ID:**	0706159-012BDL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1365.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.323	11.4	0.323	16		U
Bromomethane	0.247	19.0	0.247	16		U
Carbon tetrachloride	0.228	9.49	0.228	16		U
Chlorobenzene	0.133	4.74	6.45	16		J
Chloroethane	0.474	9.49	0.474	16		U
Chloroform	0.133	4.74	0.133	16		U
Chloromethane	0.588	9.49	0.588	16		U
cis-1,2-Dichloroethene	0.304	9.49	0.304	16		U
cis-1,3-Dichloropropene	0.171	5.69	0.171	16		U
Dibromochloromethane	0.133	5.69	0.133	16		U
Dibromomethane	0.228	9.49	0.228	16		U
Dichlorodifluoromethane	0.152	9.49	0.152	16		U
Ethylbenzene	0.247	9.49	0.247	16		U
Hexachlorobutadiene	0.721	5.69	0.721	16		U
Isopropylbenzene	0.0949	9.49	0.0949	16		U
Methyl tert-butyl ether	0.247	38.0	0.247	16		U
Methylene chloride	1.14	9.49	2.28	16		FJ
n-Butylbenzene	0.247	9.49	0.247	16		U
n-Propylbenzene	0.0569	9.49	7.02	16		FJ
Naphthalene	0.399	9.49	0.399	16		U
o-Xylene	0.323	9.49	0.323	16		U
p-Isopropyltoluene	0.323	11.4	11.4	16		J
sec-Butylbenzene	0.0949	9.49	9.02	16		FJ
Styrene	0.228	9.49	0.228	16		U
tert-Butylbenzene	0.152	9.49	0.152	16		U
Tetrachloroethene	0.209	9.49	0.209	16		U
Toluene	0.0949	9.49	0.0949	16		U
trans-1,2-Dichloroethene	0.228	9.49	0.228	16		U
trans-1,3-Dichloropropene	0.285	9.49	0.285	16		U
Trichloroethene	0.228	9.49	0.228	16		U
Trichlorofluoromethane	0.152	9.49	0.152	16		U
Vinyl chloride	0.247	9.49	0.247	16		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-1/D (8.5') DL	**Lab Sample ID:**	0706159-012BDL	**Matrix:**	Soil
% Solids:	84.30	**Initial Calibration ID:**	992	**File ID:**	M1365.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.569	19.0	0.569	16		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	134	84 - 118	*
Dibromofluoromethane	69	65 - 135	
Toluene-d8	85	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2515418	1128046 - 4512186	
Chlorobenzene-d5	3081644	1392345 - 5569380	
Fluorobenzene	5745499	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-2 (12.5')	**Lab Sample ID:**	0706159-013A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3422.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.77 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00624	0.00016	1.05		U
1,1,1,2-Tetrachloroethane	0.00020	0.00374	0.00020	1.05		U
1,1,1-Trichloroethane	0.00017	0.00624	0.00017	1.05		U
1,1,2,2-Tetrachloroethane	0.00017	0.00374	0.00017	1.05		U
1,1,2-Trichloroethane	0.00031	0.00624	0.00031	1.05		U
1,1-Dichloroethane	0.00010	0.00624	0.00010	1.05		U
1,1-Dichloroethene	0.00019	0.00748	0.00019	1.05		U
1,1-Dichloropropene	0.00024	0.00624	0.00024	1.05		U
1,2,3-Trichlorobenzene	0.00051	0.00624	0.00051	1.05		U
1,2,3-Trichloropropane	0.00029	0.00624	0.00029	1.05		U
1,2,4-Trichlorobenzene	0.00041	0.00624	0.00041	1.05		U
1,2,4-Trimethylbenzene	0.00007	0.00748	0.00170	1.05		F
1,2-Dibromo-3-chloropropane	0.00039	0.0125	0.00039	1.05		U
1,2-Dibromoethane	0.00010	0.00624	0.00010	1.05		U
1,2-Dichlorobenzene	0.00007	0.00624	0.0399	1.05		
1,2-Dichloroethane	0.00014	0.00374	0.00014	1.05		U
1,2-Dichloropropane	0.00027	0.00624	0.00027	1.05		U
1,3,5-Trimethylbenzene	0.00010	0.00624	0.00010	1.05		U
1,3-Dichlorobenzene	0.00014	0.00748	0.00231	1.05		F
1,3-Dichloropropane	0.00011	0.00312	0.00011	1.05		U
1,4-Dichlorobenzene	0.00007	0.00312	0.0422	1.05		
1-Chlorohexane	0.00020	0.00624	0.00020	1.05		U
2,2-Dichloropropane	0.00016	0.00624	0.00016	1.05		U
2-Butanone	0.00052	0.0249	0.00052	1.05		U
2-Chlorotoluene	0.00005	0.00624	0.00005	1.05		U
4-Chlorotoluene	0.00009	0.00624	0.00009	1.05		U
4-Methyl-2-pentanone	0.00040	0.0249	0.00040	1.05		U
Acetone	0.00037	0.0624	0.00943	1.05		F
Benzene	0.00006	0.00312	0.00645	1.05		
Bromobenzene	0.00019	0.00624	0.00019	1.05		U
Bromochloromethane	0.00025	0.00624	0.00025	1.05		U
Bromodichloromethane	0.00007	0.00312	0.00007	1.05		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-2 (12.5')	**Lab Sample ID:**	0706159-013A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3422.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.77 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00021	0.00748	0.00021	1.05		U
Bromomethane	0.00016	0.0125	0.00016	1.05		U
Carbon tetrachloride	0.00015	0.00624	0.00015	1.05		U
Chlorobenzene	0.00009	0.00312	0.228	1.05		
Chloroethane	0.00031	0.00624	0.00031	1.05		U
Chloroform	0.00009	0.00312	0.00009	1.05		U
Chloromethane	0.00039	0.00624	0.00039	1.05		U
cis-1,2-Dichloroethene	0.00020	0.00624	0.00020	1.05		U
cis-1,3-Dichloropropene	0.00011	0.00374	0.00011	1.05		U
Dibromochloromethane	0.00009	0.00374	0.00009	1.05		U
Dibromomethane	0.00015	0.00624	0.00015	1.05		U
Dichlorodifluoromethane	0.00010	0.00624	0.00010	1.05		U
Ethylbenzene	0.00016	0.00624	0.00016	1.05		U
Hexachlorobutadiene	0.00047	0.00374	0.00047	1.05		U
Isopropylbenzene	0.00006	0.00624	0.000885	1.05		F
Methyl tert-butyl ether	0.00016	0.0249	0.00016	1.05		U
Methylene chloride	0.00075	0.00624	0.00368	1.05		F
n-Butylbenzene	0.00016	0.00624	0.00016	1.05		U
n-Propylbenzene	0.00004	0.00624	0.000636	1.05		F
Naphthalene	0.00026	0.00624	0.00253	1.05		FQ
o-Xylene	0.00021	0.00624	0.00021	1.05		U
p-Isopropyltoluene	0.00021	0.00748	0.00021	1.05		U
sec-Butylbenzene	0.00006	0.00624	0.00006	1.05		U
Styrene	0.00015	0.00624	0.00015	1.05		U
tert-Butylbenzene	0.00010	0.00624	0.00010	1.05		U
Tetrachloroethene	0.00014	0.00624	0.00014	1.05		U
Toluene	0.00006	0.00624	0.00140	1.05		F
trans-1,2-Dichloroethene	0.00015	0.00624	0.00015	1.05		U
trans-1,3-Dichloropropene	0.00019	0.00624	0.00019	1.05		U
Trichloroethene	0.00015	0.00624	0.00015	1.05		U
Trichlorofluoromethane	0.00010	0.00624	0.00010	1.05		U
Vinyl chloride	0.00016	0.00624	0.00016	1.05		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB18-2 (12.5')	**Lab Sample ID:**	0706159-013A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3422.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.77 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00037	0.00624	0.00037	1.05		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1239258	685144 - 2740574	
Chlorobenzene-d5	1916589	1005325 - 4021300	
Fluorobenzene	5277042	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB19-1 (10.5')	**Lab Sample ID:**	0706159-014B	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	992	**File ID:**	M1303.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0153	0.589	0.324	1		F
1,1,1,2-Tetrachloroethane	0.0188	0.353	0.0188	1		U
1,1,1-Trichloroethane	0.0165	0.589	0.0165	1		U
1,1,2,2-Tetrachloroethane	0.0165	0.353	0.0165	1		U
1,1,2-Trichloroethane	0.0294	0.589	0.0294	1		U
1,1-Dichloroethane	0.00942	0.589	0.00942	1		U
1,1-Dichloroethene	0.0177	0.707	0.0177	1		U
1,1-Dichloropropene	0.0224	0.589	0.0224	1		U
1,2,3-Trichlorobenzene	0.0483	0.589	0.0483	1		U
1,2,3-Trichloropropane	0.0271	0.589	0.0271	1		U
1,2,4-Trichlorobenzene	0.0389	0.589	0.0389	1		U
1,2,4-Trimethylbenzene	0.00707	0.707	5.16	1		
1,2-Dibromo-3-chloropropane	0.0365	1.18	0.0365	1		U
1,2-Dibromoethane	0.00942	0.589	0.00942	1		U
1,2-Dichlorobenzene	0.00707	0.589	0.218	1		F
1,2-Dichloroethane	0.0130	0.353	0.0130	1		U
1,2-Dichloropropane	0.0259	0.589	0.0259	1		U
1,3,5-Trimethylbenzene	0.00942	0.589	1.01	1		
1,3-Dichlorobenzene	0.0130	0.707	0.118	1		F
1,3-Dichloropropane	0.0106	0.294	0.0106	1		U
1,4-Dichlorobenzene	0.00707	0.294	2.75	1		
1-Chlorohexane	0.0188	0.589	0.0188	1		U
2,2-Dichloropropane	0.0153	0.589	0.0153	1		U
2-Butanone	0.0495	2.36	0.0495	1		U
2-Chlorotoluene	0.00471	0.589	0.00471	1		U
4-Chlorotoluene	0.00824	0.589	0.00824	1		U
4-Methyl-2-pentanone	0.0377	2.36	0.0377	1		U
Acetone	0.0353	5.89	0.0353	1		U
Benzene	0.00589	0.294	0.00589	1		U
Bromobenzene	0.0177	0.589	0.0177	1		U
Bromochloromethane	0.0236	0.589	0.0236	1		U
Bromodichloromethane	0.00707	0.294	0.00707	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB19-1 (10.5')	**Lab Sample ID:**	0706159-014B	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	992	**File ID:**	M1303.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0200	0.707	0.0200	1		U
Bromomethane	0.0153	1.18	0.0153	1		U
Carbon tetrachloride	0.0141	0.589	0.0141	1		U
Chlorobenzene	0.00824	0.294	0.836	1		
Chloroethane	0.0294	0.589	0.0294	1		U
Chloroform	0.00824	0.294	0.00824	1		U
Chloromethane	0.0365	0.589	0.0365	1		U
cis-1,2-Dichloroethene	0.0188	0.589	0.0188	1		U
cis-1,3-Dichloropropene	0.0106	0.353	0.0106	1		U
Dibromochloromethane	0.00824	0.353	0.00824	1		U
Dibromomethane	0.0141	0.589	0.0141	1		U
Dichlorodifluoromethane	0.00942	0.589	0.00942	1		U
Ethylbenzene	0.0153	0.589	0.141	1		F
Hexachlorobutadiene	0.0448	0.353	0.0448	1		U
Isopropylbenzene	0.00589	0.589	0.489	1		F
Methyl tert-butyl ether	0.0153	2.36	0.0153	1		U
Methylene chloride	0.0707	0.589	0.165	1		F
n-Butylbenzene	0.0153	0.589	0.0153	1		U
n-Propylbenzene	0.00353	0.589	0.771	1		
Naphthalene	0.0247	0.589	0.0247	1		U
o-Xylene	0.0200	0.589	0.607	1		
p-Isopropyltoluene	0.0200	0.707	0.141	1		F
sec-Butylbenzene	0.00589	0.589	0.265	1		F
Styrene	0.0141	0.589	0.0141	1		U
tert-Butylbenzene	0.00942	0.589	0.00942	1		U
Tetrachloroethene	0.0130	0.589	0.0130	1		U
Toluene	0.00589	0.589	0.00589	1		U
trans-1,2-Dichloroethene	0.0141	0.589	0.0141	1		U
trans-1,3-Dichloropropene	0.0177	0.589	0.0177	1		U
Trichloroethene	0.0141	0.589	0.0141	1		U
Trichlorofluoromethane	0.00942	0.589	0.00942	1		U
Vinyl chloride	0.0153	0.589	0.0153	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB19-1 (10.5')	**Lab Sample ID:**	0706159-014B	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	992	**File ID:**	M1303.D
Date Received:	26-Jun-07	**Date Extracted:**	26-Jun-07	**Date Analyzed:**	04-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0353	1.18	0.931	1		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	108	84 - 118	
Dibromofluoromethane	76	65 - 135	
Toluene-d8	94	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2821165	1128046 - 4512186	
Chlorobenzene-d5	3459323	1392345 - 5569380	
Fluorobenzene	6264142	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB19-2 (11.5')	**Lab Sample ID:**	0706159-015A	**Matrix:**	Soil
% Solids:	83.00	**Initial Calibration ID:**	990	**File ID:**	J3423.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.61 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00017	0.00651	0.00017	1.08		U
1,1,1,2-Tetrachloroethane	0.00021	0.00390	0.00021	1.08		U
1,1,1-Trichloroethane	0.00018	0.00651	0.00018	1.08		U
1,1,2,2-Tetrachloroethane	0.00018	0.00390	0.00018	1.08		U
1,1,2-Trichloroethane	0.00033	0.00651	0.00033	1.08		U
1,1-Dichloroethane	0.00010	0.00651	0.00010	1.08		U
1,1-Dichloroethene	0.00020	0.00781	0.00020	1.08		U
1,1-Dichloropropene	0.00025	0.00651	0.00025	1.08		U
1,2,3-Trichlorobenzene	0.00053	0.00651	0.00053	1.08		U
1,2,3-Trichloropropane	0.00030	0.00651	0.00030	1.08		U
1,2,4-Trichlorobenzene	0.00043	0.00651	0.00043	1.08		U
1,2,4-Trimethylbenzene	0.00008	0.00781	0.00008	1.08		U
1,2-Dibromo-3-chloropropane	0.00040	0.0130	0.00040	1.08		U
1,2-Dibromoethane	0.00010	0.00651	0.00010	1.08		U
1,2-Dichlorobenzene	0.00008	0.00651	0.00882	1.08		
1,2-Dichloroethane	0.00014	0.00390	0.00014	1.08		U
1,2-Dichloropropane	0.00029	0.00651	0.00029	1.08		U
1,3,5-Trimethylbenzene	0.00010	0.00651	0.00010	1.08		U
1,3-Dichlorobenzene	0.00014	0.00781	0.00355	1.08		F
1,3-Dichloropropane	0.00012	0.00325	0.00012	1.08		U
1,4-Dichlorobenzene	0.00008	0.00325	0.0658	1.08		
1-Chlorohexane	0.00021	0.00651	0.00021	1.08		U
2,2-Dichloropropane	0.00017	0.00651	0.00017	1.08		U
2-Butanone	0.00055	0.0260	0.00055	1.08		U
2-Chlorotoluene	0.00005	0.00651	0.00133	1.08		F
4-Chlorotoluene	0.00009	0.00651	0.00009	1.08		U
4-Methyl-2-pentanone	0.00042	0.0260	0.00042	1.08		U
Acetone	0.00039	0.0651	0.00307	1.08		F
Benzene	0.00007	0.00325	0.00007	1.08		U
Bromobenzene	0.00020	0.00651	0.00020	1.08		U
Bromochloromethane	0.00026	0.00651	0.00026	1.08		U
Bromodichloromethane	0.00008	0.00325	0.00008	1.08		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB19-2 (11.5')	**Lab Sample ID:**	0706159-015A	**Matrix:**	Soil
% Solids:	83.00	**Initial Calibration ID:**	990	**File ID:**	J3423.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.61 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00022	0.00781	0.00022	1.08		U
Bromomethane	0.00017	0.0130	0.00017	1.08		U
Carbon tetrachloride	0.00016	0.00651	0.00016	1.08		U
Chlorobenzene	0.00009	0.00325	0.109	1.08		
Chloroethane	0.00033	0.00651	0.00033	1.08		U
Chloroform	0.00009	0.00325	0.00009	1.08		U
Chloromethane	0.00040	0.00651	0.00040	1.08		U
cis-1,2-Dichloroethene	0.00021	0.00651	0.00021	1.08		U
cis-1,3-Dichloropropene	0.00012	0.00390	0.00012	1.08		U
Dibromochloromethane	0.00009	0.00390	0.00009	1.08		U
Dibromomethane	0.00016	0.00651	0.00016	1.08		U
Dichlorodifluoromethane	0.00010	0.00651	0.00010	1.08		U
Ethylbenzene	0.00017	0.00651	0.00017	1.08		U
Hexachlorobutadiene	0.00049	0.00390	0.00049	1.08		U
Isopropylbenzene	0.00007	0.00651	0.00007	1.08		U
Methyl tert-butyl ether	0.00017	0.0260	0.00017	1.08		U
Methylene chloride	0.00078	0.00651	0.00317	1.08		F
n-Butylbenzene	0.00017	0.00651	0.000872	1.08		F
n-Propylbenzene	0.00004	0.00651	0.00004	1.08		U
Naphthalene	0.00027	0.00651	0.000924	1.08		FQ
o-Xylene	0.00022	0.00651	0.00900	1.08		
p-Isopropyltoluene	0.00022	0.00781	0.00022	1.08		U
sec-Butylbenzene	0.00007	0.00651	0.000976	1.08		F
Styrene	0.00016	0.00651	0.00016	1.08		U
tert-Butylbenzene	0.00010	0.00651	0.00010	1.08		U
Tetrachloroethene	0.00014	0.00651	0.00014	1.08		U
Toluene	0.00007	0.00651	0.000976	1.08		F
trans-1,2-Dichloroethene	0.00016	0.00651	0.00016	1.08		U
trans-1,3-Dichloropropene	0.00020	0.00651	0.00020	1.08		U
Trichloroethene	0.00016	0.00651	0.00016	1.08		U
Trichlorofluoromethane	0.00010	0.00651	0.00010	1.08		U
Vinyl chloride	0.00017	0.00651	0.00017	1.08		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB19-2 (11.5')	**Lab Sample ID:**	0706159-015A	**Matrix:**	Soil
% Solids:	83.00	**Initial Calibration ID:**	990	**File ID:**	J3423.D
Date Received:	26-Jun-07	**Date Extracted:**		**Date Analyzed:**	27-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.61 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00039	0.00651	0.00900	1.08		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1185064	685144 - 2740574	
Chlorobenzene-d5	1979735	1005325 - 4021300	
Fluorobenzene	5466679	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-1 (11.5')	**Lab Sample ID:**	0706165-001A	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	996	**File ID:**	J3622.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	10-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.23 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00578	0.00561	0.96		F
1,1,1,2-Tetrachloroethane	0.00018	0.00347	0.00018	0.96		U
1,1,1-Trichloroethane	0.00016	0.00578	0.00016	0.96		U
1,1,2,2-Tetrachloroethane	0.00016	0.00347	0.00016	0.96		U
1,1,2-Trichloroethane	0.00029	0.00578	0.00029	0.96		U
1,1-Dichloroethane	0.00009	0.00578	0.00009	0.96		U
1,1-Dichloroethene	0.00017	0.00693	0.00017	0.96		U
1,1-Dichloropropene	0.00022	0.00578	0.00022	0.96		U
1,2,3-Trichlorobenzene	0.00047	0.00578	0.00285	0.96		F
1,2,3-Trichloropropane	0.00027	0.00578	0.00027	0.96		U
1,2,4-Trichlorobenzene	0.00038	0.00578	0.00214	0.96		F
1,2,4-Trimethylbenzene	0.00007	0.00693	0.00888	0.96		
1,2-Dibromo-3-chloropropane	0.00036	0.0116	0.00036	0.96		UQ
1,2-Dibromoethane	0.00009	0.00578	0.00009	0.96		UQ
1,2-Dichlorobenzene	0.00007	0.00578	0.00323	0.96		F
1,2-Dichloroethane	0.00013	0.00347	0.00013	0.96		U
1,2-Dichloropropane	0.00025	0.00578	0.00025	0.96		U
1,3,5-Trimethylbenzene	0.00009	0.00578	0.00343	0.96		F
1,3-Dichlorobenzene	0.00013	0.00693	0.00113	0.96		F
1,3-Dichloropropane	0.00010	0.00289	0.00010	0.96		U
1,4-Dichlorobenzene	0.00007	0.00289	0.0149	0.96		
1-Chlorohexane	0.00018	0.00578	0.00018	0.96		U
2,2-Dichloropropane	0.00015	0.00578	0.00015	0.96		U
2-Butanone	0.00049	0.0231	0.00481	0.96		F
2-Chlorotoluene	0.00005	0.00578	0.00213	0.96		F
4-Chlorotoluene	0.00008	0.00578	0.00103	0.96		F
4-Methyl-2-pentanone	0.00037	0.0231	0.00037	0.96		UQ
Acetone	0.00035	0.0578	0.0202	0.96		F
Benzene	0.00006	0.00289	0.00006	0.96		U
Bromobenzene	0.00017	0.00578	0.00017	0.96		U
Bromochloromethane	0.00023	0.00578	0.00023	0.96		U
Bromodichloromethane	0.00007	0.00289	0.00007	0.96		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-1 (11.5')	**Lab Sample ID:**	0706165-001A	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	996	**File ID:**	J3622.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	10-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.23 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00693	0.00020	0.96		UQ
Bromomethane	0.00015	0.0116	0.00015	0.96		U
Carbon tetrachloride	0.00014	0.00578	0.00014	0.96		U
Chlorobenzene	0.00008	0.00289	0.108	0.96		
Chloroethane	0.00029	0.00578	0.00029	0.96		U
Chloroform	0.00008	0.00289	0.00008	0.96		U
Chloromethane	0.00036	0.00578	0.00036	0.96		U
cis-1,2-Dichloroethene	0.00018	0.00578	0.00018	0.96		U
cis-1,3-Dichloropropene	0.00010	0.00347	0.00010	0.96		UQ
Dibromochloromethane	0.00008	0.00347	0.00008	0.96		UQ
Dibromomethane	0.00014	0.00578	0.00014	0.96		U
Dichlorodifluoromethane	0.00009	0.00578	0.00009	0.96		U
Ethylbenzene	0.00015	0.00578	0.00148	0.96		F
Hexachlorobutadiene	0.00044	0.00347	0.000658	0.96		F
Isopropylbenzene	0.00006	0.00578	0.000693	0.96		F
Methyl tert-butyl ether	0.00015	0.0231	0.00015	0.96		U
Methylene chloride	0.00069	0.00578	0.00069	0.96		UQ
n-Butylbenzene	0.00015	0.00578	0.00147	0.96		F
n-Propylbenzene	0.00003	0.00578	0.00172	0.96		F
Naphthalene	0.00024	0.00578	0.00864	0.96		
o-Xylene	0.00020	0.00578	0.00295	0.96		F
p-Isopropyltoluene	0.00020	0.00693	0.00020	0.96		U
sec-Butylbenzene	0.00006	0.00578	0.00131	0.96		F
Styrene	0.00014	0.00578	0.00295	0.96		F
tert-Butylbenzene	0.00009	0.00578	0.000578	0.96		F
Tetrachloroethene	0.00013	0.00578	0.00013	0.96		U
Toluene	0.00006	0.00578	0.00225	0.96		FQ
trans-1,2-Dichloroethene	0.00014	0.00578	0.00014	0.96		U
trans-1,3-Dichloropropene	0.00017	0.00578	0.00017	0.96		UQ
Trichloroethene	0.00014	0.00578	0.00014	0.96		U
Trichlorofluoromethane	0.00009	0.00578	0.00009	0.96		U
Vinyl chloride	0.00015	0.00578	0.00015	0.96		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-1 (11.5')	**Lab Sample ID:**	0706165-001A	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	996	**File ID:**	J3622.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	10-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.23 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00578	0.00856	0.96		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	117	84 - 118	
Dibromofluoromethane	105	65 - 135	
Toluene-d8	116	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1032383	501074 - 2004296	
Chlorobenzene-d5	1776741	952958 - 3811830	
Fluorobenzene	5020611	2502442 - 10009770	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-1 (11.5') RA	**Lab Sample ID:**	0706165-001ARA	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	996	**File ID:**	J3627.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	10-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00578	0.00509	0.96		F
1,1,1,2-Tetrachloroethane	0.00018	0.00347	0.00018	0.96		U
1,1,1-Trichloroethane	0.00016	0.00578	0.00016	0.96		U
1,1,2,2-Tetrachloroethane	0.00016	0.00347	0.00016	0.96		U
1,1,2-Trichloroethane	0.00029	0.00578	0.00029	0.96		U
1,1-Dichloroethane	0.00009	0.00578	0.00009	0.96		U
1,1-Dichloroethene	0.00017	0.00693	0.00017	0.96		U
1,1-Dichloropropene	0.00022	0.00578	0.00022	0.96		U
1,2,3-Trichlorobenzene	0.00047	0.00578	0.000670	0.96		F
1,2,3-Trichloropropane	0.00027	0.00578	0.00027	0.96		U
1,2,4-Trichlorobenzene	0.00038	0.00578	0.000647	0.96		F
1,2,4-Trimethylbenzene	0.00007	0.00693	0.00910	0.96		
1,2-Dibromo-3-chloropropane	0.00036	0.0116	0.00036	0.96		UQ
1,2-Dibromoethane	0.00009	0.00578	0.00009	0.96		UQ
1,2-Dichlorobenzene	0.00007	0.00578	0.00422	0.96		F
1,2-Dichloroethane	0.00013	0.00347	0.00013	0.96		U
1,2-Dichloropropane	0.00025	0.00578	0.00025	0.96		U
1,3,5-Trimethylbenzene	0.00009	0.00578	0.00330	0.96		F
1,3-Dichlorobenzene	0.00013	0.00693	0.000982	0.96		F
1,3-Dichloropropane	0.00010	0.00289	0.00010	0.96		U
1,4-Dichlorobenzene	0.00007	0.00289	0.0181	0.96		
1-Chlorohexane	0.00018	0.00578	0.00018	0.96		U
2,2-Dichloropropane	0.00015	0.00578	0.00015	0.96		U
2-Butanone	0.00049	0.0231	0.00516	0.96		F
2-Chlorotoluene	0.00005	0.00578	0.00303	0.96		F
4-Chlorotoluene	0.00008	0.00578	0.00149	0.96		F
4-Methyl-2-pentanone	0.00037	0.0231	0.00037	0.96		UQ
Acetone	0.00035	0.0578	0.0223	0.96		F
Benzene	0.00006	0.00289	0.00006	0.96		U
Bromobenzene	0.00017	0.00578	0.00017	0.96		U
Bromochloromethane	0.00023	0.00578	0.00023	0.96		U
Bromodichloromethane	0.00007	0.00289	0.00007	0.96		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-1 (11.5') RA	**Lab Sample ID:**	0706165-001ARA	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	996	**File ID:**	J3627.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	10-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00693	0.00020	0.96		UQ
Bromomethane	0.00015	0.0116	0.00015	0.96		U
Carbon tetrachloride	0.00014	0.00578	0.00014	0.96		U
Chlorobenzene	0.00008	0.00289	0.163	0.96		
Chloroethane	0.00029	0.00578	0.00029	0.96		U
Chloroform	0.00008	0.00289	0.00008	0.96		U
Chloromethane	0.00036	0.00578	0.00036	0.96		U
cis-1,2-Dichloroethene	0.00018	0.00578	0.00018	0.96		U
cis-1,3-Dichloropropene	0.00010	0.00347	0.00010	0.96		UQ
Dibromochloromethane	0.00008	0.00347	0.00008	0.96		UQ
Dibromomethane	0.00014	0.00578	0.00014	0.96		U
Dichlorodifluoromethane	0.00009	0.00578	0.00009	0.96		U
Ethylbenzene	0.00015	0.00578	0.00151	0.96		F
Hexachlorobutadiene	0.00044	0.00347	0.00044	0.96		U
Isopropylbenzene	0.00006	0.00578	0.000936	0.96		F
Methyl tert-butyl ether	0.00015	0.0231	0.00015	0.96		U
Methylene chloride	0.00069	0.00578	0.00069	0.96		UQ
n-Butylbenzene	0.00015	0.00578	0.00150	0.96		F
n-Propylbenzene	0.00003	0.00578	0.00213	0.96		F
Naphthalene	0.00024	0.00578	0.00207	0.96		F
o-Xylene	0.00020	0.00578	0.00302	0.96		F
p-Isopropyltoluene	0.00020	0.00693	0.00020	0.96		U
sec-Butylbenzene	0.00006	0.00578	0.00140	0.96		F
Styrene	0.00014	0.00578	0.00014	0.96		U
tert-Butylbenzene	0.00009	0.00578	0.00009	0.96		U
Tetrachloroethene	0.00013	0.00578	0.00013	0.96		U
Toluene	0.00006	0.00578	0.00211	0.96		FQ
trans-1,2-Dichloroethene	0.00014	0.00578	0.00014	0.96		U
trans-1,3-Dichloropropene	0.00017	0.00578	0.00017	0.96		UQ
Trichloroethene	0.00014	0.00578	0.00014	0.96		U
Trichlorofluoromethane	0.00009	0.00578	0.00009	0.96		U
Vinyl chloride	0.00015	0.00578	0.00015	0.96		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-1 (11.5') RA	**Lab Sample ID:**	0706165-001ARA	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	996	**File ID:**	J3627.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	10-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00578	0.00811	0.96		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	114	84 - 118	
Dibromofluoromethane	106	65 - 135	
Toluene-d8	114	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	782759	501074 - 2004296	
Chlorobenzene-d5	1468583	952958 - 3811830	
Fluorobenzene	4371202	2502442 - 10009770	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-2 (12.5')	**Lab Sample ID:**	0706165-002A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3544.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.14 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00582	0.00112	0.97		F
1,1,1,2-Tetrachloroethane	0.00019	0.00349	0.00019	0.97		U
1,1,1-Trichloroethane	0.00016	0.00582	0.00016	0.97		U
1,1,2,2-Tetrachloroethane	0.00016	0.00349	0.00016	0.97		UQ
1,1,2-Trichloroethane	0.00029	0.00582	0.00029	0.97		U
1,1-Dichloroethane	0.00009	0.00582	0.00009	0.97		U
1,1-Dichloroethene	0.00017	0.00698	0.00017	0.97		U
1,1-Dichloropropene	0.00022	0.00582	0.00022	0.97		U
1,2,3-Trichlorobenzene	0.00048	0.00582	0.00048	0.97		UQ
1,2,3-Trichloropropane	0.00027	0.00582	0.00027	0.97		UQ
1,2,4-Trichlorobenzene	0.00038	0.00582	0.00038	0.97		UQ
1,2,4-Trimethylbenzene	0.00007	0.00698	0.00176	0.97		FQ
1,2-Dibromo-3-chloropropane	0.00036	0.0116	0.00036	0.97		UQ
1,2-Dibromoethane	0.00009	0.00582	0.00009	0.97		U
1,2-Dichlorobenzene	0.00007	0.00582	0.00355	0.97		FQ
1,2-Dichloroethane	0.00013	0.00349	0.00013	0.97		U
1,2-Dichloropropane	0.00026	0.00582	0.00026	0.97		U
1,3,5-Trimethylbenzene	0.00009	0.00582	0.000721	0.97		FQ
1,3-Dichlorobenzene	0.00013	0.00698	0.000977	0.97		FQ
1,3-Dichloropropane	0.00010	0.00291	0.00010	0.97		U
1,4-Dichlorobenzene	0.00007	0.00291	0.0122	0.97		Q
1-Chlorohexane	0.00019	0.00582	0.00019	0.97		U
2,2-Dichloropropane	0.00015	0.00582	0.00015	0.97		U
2-Butanone	0.00049	0.0233	0.00049	0.97		U
2-Chlorotoluene	0.00005	0.00582	0.00159	0.97		FQ
4-Chlorotoluene	0.00008	0.00582	0.00008	0.97		UQ
4-Methyl-2-pentanone	0.00037	0.0233	0.00037	0.97		U
Acetone	0.00035	0.0582	0.00486	0.97		F
Benzene	0.00006	0.00291	0.00006	0.97		U
Bromobenzene	0.00017	0.00582	0.00017	0.97		UQ
Bromochloromethane	0.00023	0.00582	0.00023	0.97		U
Bromodichloromethane	0.00007	0.00291	0.00007	0.97		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-2 (12.5')	**Lab Sample ID:**	0706165-002A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3544.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.14 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00698	0.00020	0.97		U
Bromomethane	0.00015	0.0116	0.00015	0.97		U
Carbon tetrachloride	0.00014	0.00582	0.00014	0.97		U
Chlorobenzene	0.00008	0.00291	0.161	0.97		
Chloroethane	0.00029	0.00582	0.00029	0.97		UQ
Chloroform	0.00008	0.00291	0.00008	0.97		U
Chloromethane	0.00036	0.00582	0.00036	0.97		U
cis-1,2-Dichloroethene	0.00019	0.00582	0.00019	0.97		U
cis-1,3-Dichloropropene	0.00010	0.00349	0.00010	0.97		U
Dibromochloromethane	0.00008	0.00349	0.00008	0.97		U
Dibromomethane	0.00014	0.00582	0.00014	0.97		U
Dichlorodifluoromethane	0.00009	0.00582	0.00009	0.97		U
Ethylbenzene	0.00015	0.00582	0.00015	0.97		U
Hexachlorobutadiene	0.00044	0.00349	0.00044	0.97		UQ
Isopropylbenzene	0.00006	0.00582	0.00006	0.97		UQ
Methyl tert-butyl ether	0.00015	0.0233	0.00015	0.97		U
Methylene chloride	0.00070	0.00582	0.00278	0.97		F
n-Butylbenzene	0.00015	0.00582	0.000791	0.97		FQ
n-Propylbenzene	0.00003	0.00582	0.00003	0.97		UQ
Naphthalene	0.00024	0.00582	0.000919	0.97		FQ
o-Xylene	0.00020	0.00582	0.00122	0.97		F
p-Isopropyltoluene	0.00020	0.00698	0.00020	0.97		UQ
sec-Butylbenzene	0.00006	0.00582	0.000826	0.97		FQ
Styrene	0.00014	0.00582	0.00014	0.97		U
tert-Butylbenzene	0.00009	0.00582	0.00009	0.97		UQ
Tetrachloroethene	0.00013	0.00582	0.00013	0.97		U
Toluene	0.00006	0.00582	0.00006	0.97		U
trans-1,2-Dichloroethene	0.00014	0.00582	0.00014	0.97		U
trans-1,3-Dichloropropene	0.00017	0.00582	0.00017	0.97		U
Trichloroethene	0.00014	0.00582	0.00014	0.97		U
Trichlorofluoromethane	0.00009	0.00582	0.00009	0.97		U
Vinyl chloride	0.00015	0.00582	0.00015	0.97		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-2 (12.5')	**Lab Sample ID:**	0706165-002A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3544.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.14 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00582	0.00234	0.97		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	84	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	95	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	606824	685144 - 2740574	*
Chlorobenzene-d5	1325268	1005325 - 4021300	
Fluorobenzene	3801637	2897598 - 11590392	

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-2 (12.5') RA	**Lab Sample ID:**	0706165-002ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3601.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00576	0.00204	0.96		FJQ
1,1,1,2-Tetrachloroethane	0.00018	0.00345	0.00018	0.96		UJQ
1,1,1-Trichloroethane	0.00016	0.00576	0.00016	0.96		UJ
1,1,2,2-Tetrachloroethane	0.00016	0.00345	0.00016	0.96		UJQ
1,1,2-Trichloroethane	0.00029	0.00576	0.00029	0.96		UJQ
1,1-Dichloroethane	0.00009	0.00576	0.00009	0.96		UJ
1,1-Dichloroethene	0.00017	0.00691	0.00017	0.96		UJ
1,1-Dichloropropene	0.00022	0.00576	0.00022	0.96		UJ
1,2,3-Trichlorobenzene	0.00047	0.00576	0.00047	0.96		UJQ
1,2,3-Trichloropropane	0.00026	0.00576	0.00026	0.96		UJQ
1,2,4-Trichlorobenzene	0.00038	0.00576	0.000714	0.96		FJQ
1,2,4-Trimethylbenzene	0.00007	0.00691	0.00306	0.96		FJQ
1,2-Dibromo-3-chloropropane	0.00036	0.0115	0.00036	0.96		UJQ
1,2-Dibromoethane	0.00009	0.00576	0.00009	0.96		UJQ
1,2-Dichlorobenzene	0.00007	0.00576	0.00355	0.96		FJQ
1,2-Dichloroethane	0.00013	0.00345	0.00013	0.96		UJ
1,2-Dichloropropane	0.00025	0.00576	0.00025	0.96		UJ
1,3,5-Trimethylbenzene	0.00009	0.00576	0.00136	0.96		FJQ
1,3-Dichlorobenzene	0.00013	0.00691	0.00100	0.96		FJQ
1,3-Dichloropropane	0.00010	0.00288	0.00010	0.96		UJ
1,4-Dichlorobenzene	0.00007	0.00288	0.0137	0.96		JQ
1-Chlorohexane	0.00018	0.00576	0.00018	0.96		UJ
2,2-Dichloropropane	0.00015	0.00576	0.00015	0.96		UJ
2-Butanone	0.00048	0.0230	0.00048	0.96		UJ
2-Chlorotoluene	0.00005	0.00576	0.00169	0.96		FJQ
4-Chlorotoluene	0.00008	0.00576	0.00008	0.96		UJQ
4-Methyl-2-pentanone	0.00037	0.0230	0.00037	0.96		UJ
Acetone	0.00035	0.0576	0.00436	0.96		FJ
Benzene	0.00006	0.00288	0.00006	0.96		UJ
Bromobenzene	0.00017	0.00576	0.00017	0.96		UJQ
Bromochloromethane	0.00023	0.00576	0.00023	0.96		UJQ
Bromodichloromethane	0.00007	0.00288	0.00007	0.96		UJ

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-2 (12.5') RA	**Lab Sample ID:**	0706165-002ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3601.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00691	0.00020	0.96		UJQ
Bromomethane	0.00015	0.0115	0.00015	0.96		UJ
Carbon tetrachloride	0.00014	0.00576	0.00014	0.96		UJ
Chlorobenzene	0.00008	0.00288	0.152	0.96		JQ
Chloroethane	0.00029	0.00576	0.00029	0.96		UJQ
Chloroform	0.00008	0.00288	0.00008	0.96		UJ
Chloromethane	0.00036	0.00576	0.00036	0.96		UJQ
cis-1,2-Dichloroethene	0.00018	0.00576	0.00018	0.96		UJ
cis-1,3-Dichloropropene	0.00010	0.00345	0.00010	0.96		UJ
Dibromochloromethane	0.00008	0.00345	0.00008	0.96		UJQ
Dibromomethane	0.00014	0.00576	0.00014	0.96		UJQ
Dichlorodifluoromethane	0.00009	0.00576	0.00009	0.96		UJQ
Ethylbenzene	0.00015	0.00576	0.000622	0.96		FJ
Hexachlorobutadiene	0.00044	0.00345	0.00044	0.96		UJQ
Isopropylbenzene	0.00006	0.00576	0.00006	0.96		UJQ
Methyl tert-butyl ether	0.00015	0.0230	0.00015	0.96		UJ
Methylene chloride	0.00069	0.00576	0.00235	0.96		FJ
n-Butylbenzene	0.00015	0.00576	0.000875	0.96		FJQ
n-Propylbenzene	0.00003	0.00576	0.000656	0.96		FJQ
Naphthalene	0.00024	0.00576	0.000829	0.96		FJQB
o-Xylene	0.00020	0.00576	0.00147	0.96		FJQ
p-Isopropyltoluene	0.00020	0.00691	0.00020	0.96		UJQ
sec-Butylbenzene	0.00006	0.00576	0.000829	0.96		FJQ
Styrene	0.00014	0.00576	0.00014	0.96		UJQ
tert-Butylbenzene	0.00009	0.00576	0.00009	0.96		UJQ
Tetrachloroethene	0.00013	0.00576	0.00013	0.96		UJQ
Toluene	0.00006	0.00576	0.00107	0.96		FJQ
trans-1,2-Dichloroethene	0.00014	0.00576	0.00014	0.96		UJ
trans-1,3-Dichloropropene	0.00017	0.00576	0.00017	0.96		UJQ
Trichloroethene	0.00014	0.00576	0.00014	0.96		UJQ
Trichlorofluoromethane	0.00009	0.00576	0.00009	0.96		UJQ
Vinyl chloride	0.00015	0.00576	0.00015	0.96		UJQ

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB20-2 (12.5') RA	**Lab Sample ID:**	0706165-002ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3601.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00576	0.00351	0.96		FJQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	83	84 - 118	*
Dibromofluoromethane	95	65 - 135	
Toluene-d8	97	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	559633	685144 - 2740574	*
Chlorobenzene-d5	1218664	1005325 - 4021300	
Fluorobenzene	3401193	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-1 (11.5')	**Lab Sample ID:**	0706165-003B	**Matrix:**	Soil
% Solids:	87.70	**Initial Calibration ID:**	992	**File ID:**	M1367.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.119	4.56	7.39	8		J
1,1,1,2-Tetrachloroethane	0.146	2.74	0.146	8		U
1,1,1-Trichloroethane	0.128	4.56	0.128	8		U
1,1,2,2-Tetrachloroethane	0.128	2.74	0.128	8		U
1,1,2-Trichloroethane	0.228	4.56	0.228	8		U
1,1-Dichloroethane	0.0730	4.56	0.0730	8		U
1,1-Dichloroethene	0.137	5.47	0.137	8		U
1,1-Dichloropropene	0.173	4.56	0.173	8		U
1,2,3-Trichlorobenzene	0.374	4.56	0.374	8		U
1,2,3-Trichloropropane	0.210	4.56	0.210	8		U
1,2,4-Trichlorobenzene	0.301	4.56	0.301	8		U
1,2,4-Trimethylbenzene	0.0547	5.47	104	8		J
1,2-Dibromo-3-chloropropane	0.283	9.12	0.283	8		U
1,2-Dibromoethane	0.0730	4.56	0.0730	8		U
1,2-Dichlorobenzene	0.0547	4.56	3.19	8		FJ
1,2-Dichloroethane	0.100	2.74	0.100	8		U
1,2-Dichloropropane	0.201	4.56	0.201	8		U
1,3,5-Trimethylbenzene	0.0730	4.56	47.0	8		J
1,3-Dichlorobenzene	0.100	5.47	0.958	8		FJ
1,3-Dichloropropane	0.0821	2.28	0.0821	8		U
1,4-Dichlorobenzene	0.0547	2.28	33.7	8		J
1-Chlorohexane	0.146	4.56	0.146	8		U
2,2-Dichloropropane	0.119	4.56	0.119	8		U
2-Butanone	0.383	18.2	0.383	8		U
2-Chlorotoluene	0.0365	4.56	0.0365	8		U
4-Chlorotoluene	0.0639	4.56	0.0639	8		U
4-Methyl-2-pentanone	0.292	18.2	0.292	8		U
Acetone	0.274	45.6	0.274	8		U
Benzene	0.0456	2.28	0.0456	8		U
Bromobenzene	0.137	4.56	0.137	8		U
Bromochloromethane	0.182	4.56	0.182	8		U
Bromodichloromethane	0.0547	2.28	0.0547	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-1 (11.5')	**Lab Sample ID:**	0706165-003B	**Matrix:**	Soil
% Solids:	87.70	**Initial Calibration ID:**	992	**File ID:**	M1367.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.155	5.47	0.155	8		U
Bromomethane	0.119	9.12	0.119	8		U
Carbon tetrachloride	0.109	4.56	0.109	8		U
Chlorobenzene	0.0639	2.28	218	8		J
Chloroethane	0.228	4.56	0.228	8		U
Chloroform	0.0639	2.28	0.0639	8		U
Chloromethane	0.283	4.56	0.283	8		U
cis-1,2-Dichloroethene	0.146	4.56	0.146	8		U
cis-1,3-Dichloropropene	0.0821	2.74	0.0821	8		U
Dibromochloromethane	0.0639	2.74	0.0639	8		U
Dibromomethane	0.109	4.56	0.109	8		U
Dichlorodifluoromethane	0.0730	4.56	0.0730	8		U
Ethylbenzene	0.119	4.56	0.958	8		FJ
Hexachlorobutadiene	0.347	2.74	0.347	8		U
Isopropylbenzene	0.0456	4.56	3.92	8		FJ
Methyl tert-butyl ether	0.119	18.2	0.119	8		U
Methylene chloride	0.547	4.56	1.09	8		FJ
n-Butylbenzene	0.119	4.56	0.119	8		U
n-Propylbenzene	0.0274	4.56	8.35	8		J
Naphthalene	0.192	4.56	17.1	8		J
o-Xylene	0.155	4.56	7.16	8		J
p-Isopropyltoluene	0.155	5.47	6.52	8		J
sec-Butylbenzene	0.0456	4.56	3.79	8		FJ
Styrene	0.109	4.56	0.109	8		U
tert-Butylbenzene	0.0730	4.56	0.0730	8		U
Tetrachloroethene	0.100	4.56	0.100	8		U
Toluene	0.0456	4.56	0.0456	8		U
trans-1,2-Dichloroethene	0.109	4.56	0.109	8		U
trans-1,3-Dichloropropene	0.137	4.56	0.137	8		U
Trichloroethene	0.109	4.56	0.109	8		U
Trichlorofluoromethane	0.0730	4.56	0.0730	8		U
Vinyl chloride	0.119	4.56	0.119	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-1 (11.5')	**Lab Sample ID:**	0706165-003B	**Matrix:**	Soil
% Solids:	87.70	**Initial Calibration ID:**	992	**File ID:**	M1367.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.274	9.12	14.5	8		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	52 - 149	
4-Bromofluorobenzene	120	84 - 118	*
Dibromofluoromethane	94	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2488478	1128046 - 4512186	
Chlorobenzene-d5	3024143	1392345 - 5569380	
Fluorobenzene	5757970	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-1 (11.5') DL	**Lab Sample ID:**	0706165-003BDL	**Matrix:**	Soil
% Solids:	87.70	**Initial Calibration ID:**	992	**File ID:**	M1418.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.237	9.12	8.94	16		FJ
1,1,1,2-Tetrachloroethane	0.292	5.47	0.292	16		U
1,1,1-Trichloroethane	0.255	9.12	0.255	16		U
1,1,2,2-Tetrachloroethane	0.255	5.47	0.255	16		U
1,1,2-Trichloroethane	0.456	9.12	0.456	16		U
1,1-Dichloroethane	0.146	9.12	0.146	16		U
1,1-Dichloroethene	0.274	10.9	0.274	16		U
1,1-Dichloropropene	0.347	9.12	0.347	16		U
1,2,3-Trichlorobenzene	0.748	9.12	0.748	16		U
1,2,3-Trichloropropane	0.420	9.12	0.420	16		U
1,2,4-Trichlorobenzene	0.602	9.12	0.602	16		U
1,2,4-Trimethylbenzene	0.109	10.9	143	16		J
1,2-Dibromo-3-chloropropane	0.566	18.2	0.566	16		U
1,2-Dibromoethane	0.146	9.12	0.146	16		U
1,2-Dichlorobenzene	0.109	9.12	4.38	16		FJ
1,2-Dichloroethane	0.201	5.47	0.201	16		U
1,2-Dichloropropane	0.401	9.12	0.401	16		U
1,3,5-Trimethylbenzene	0.146	9.12	67.0	16		J
1,3-Dichlorobenzene	0.201	10.9	1.28	16		FJ
1,3-Dichloropropane	0.164	4.56	0.164	16		U
1,4-Dichlorobenzene	0.109	4.56	47.7	16		J
1-Chlorohexane	0.292	9.12	0.292	16		U
2,2-Dichloropropane	0.237	9.12	0.237	16		U
2-Butanone	0.766	36.5	0.766	16		U
2-Chlorotoluene	0.0730	9.12	0.0730	16		U
4-Chlorotoluene	0.128	9.12	0.128	16		U
4-Methyl-2-pentanone	0.584	36.5	0.584	16		U
Acetone	0.547	91.2	0.547	16		U
Benzene	0.0912	4.56	0.0912	16		U
Bromobenzene	0.274	9.12	0.274	16		U
Bromochloromethane	0.365	9.12	0.365	16		U
Bromodichloromethane	0.109	4.56	0.109	16		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-1 (11.5') DL	**Lab Sample ID:**	0706165-003BDL	**Matrix:**	Soil
% Solids:	87.70	**Initial Calibration ID:**	992	**File ID:**	M1418.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.310	10.9	0.310	16		U
Bromomethane	0.237	18.2	0.237	16		U
Carbon tetrachloride	0.219	9.12	0.219	16		U
Chlorobenzene	0.128	4.56	302	16		J
Chloroethane	0.456	9.12	0.456	16		U
Chloroform	0.128	4.56	0.128	16		U
Chloromethane	0.566	9.12	0.566	16		U
cis-1,2-Dichloroethene	0.292	9.12	0.292	16		U
cis-1,3-Dichloropropene	0.164	5.47	0.164	16		U
Dibromochloromethane	0.128	5.47	0.128	16		U
Dibromomethane	0.219	9.12	0.219	16		U
Dichlorodifluoromethane	0.146	9.12	0.146	16		UQ
Ethylbenzene	0.237	9.12	1.19	16		FJ
Hexachlorobutadiene	0.693	5.47	0.693	16		U
Isopropylbenzene	0.0912	9.12	5.47	16		FJ
Methyl tert-butyl ether	0.237	36.5	0.237	16		U
Methylene chloride	1.09	9.12	3.47	16		FJ
n-Butylbenzene	0.237	9.12	0.237	16		U
n-Propylbenzene	0.0547	9.12	11.5	16		JQ
Naphthalene	0.383	9.12	21.2	16		J
o-Xylene	0.310	9.12	9.40	16		J
p-Isopropyltoluene	0.310	10.9	8.12	16		FJ
sec-Butylbenzene	0.0912	9.12	5.38	16		FJ
Styrene	0.219	9.12	0.219	16		U
tert-Butylbenzene	0.146	9.12	0.146	16		U
Tetrachloroethene	0.201	9.12	0.201	16		U
Toluene	0.0912	9.12	0.0912	16		U
trans-1,2-Dichloroethene	0.219	9.12	0.219	16		U
trans-1,3-Dichloropropene	0.274	9.12	0.274	16		U
Trichloroethene	0.219	9.12	0.219	16		U
Trichlorofluoromethane	0.146	9.12	0.146	16		U
Vinyl chloride	0.237	9.12	0.237	16		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-1 (11.5') DL	**Lab Sample ID:**	0706165-003BDL	**Matrix:**	Soil
% Solids:	87.70	**Initial Calibration ID:**	992	**File ID:**	M1418.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.547	18.2	18.3	16		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	123	52 - 149	
4-Bromofluorobenzene	154	84 - 118	*
Dibromofluoromethane	107	65 - 135	
Toluene-d8	117	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1736639	1128046 - 4512186	
Chlorobenzene-d5	2278511	1392345 - 5569380	
Fluorobenzene	4060691	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-2 (15.5')	**Lab Sample ID:**	0706165-004A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3546.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.06 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00594	0.00015	0.99		UJ
1,1,1,2-Tetrachloroethane	0.00019	0.00356	0.00019	0.99		UJ
1,1,1-Trichloroethane	0.00017	0.00594	0.00017	0.99		UJ
1,1,2,2-Tetrachloroethane	0.00017	0.00356	0.00017	0.99		UJQ
1,1,2-Trichloroethane	0.00030	0.00594	0.00030	0.99		UJ
1,1-Dichloroethane	0.00009	0.00594	0.00009	0.99		UJ
1,1-Dichloroethene	0.00018	0.00712	0.00018	0.99		UJ
1,1-Dichloropropene	0.00023	0.00594	0.00023	0.99		UJ
1,2,3-Trichlorobenzene	0.00049	0.00594	0.00049	0.99		UJQ
1,2,3-Trichloropropane	0.00027	0.00594	0.00027	0.99		UJQ
1,2,4-Trichlorobenzene	0.00039	0.00594	0.00039	0.99		UJQ
1,2,4-Trimethylbenzene	0.00007	0.00712	0.00197	0.99		FJQ
1,2-Dibromo-3-chloropropane	0.00037	0.0119	0.00037	0.99		UJQ
1,2-Dibromoethane	0.00009	0.00594	0.00009	0.99		UJ
1,2-Dichlorobenzene	0.00007	0.00594	0.0182	0.99		JQ
1,2-Dichloroethane	0.00013	0.00356	0.00013	0.99		UJ
1,2-Dichloropropane	0.00026	0.00594	0.00026	0.99		UJ
1,3,5-Trimethylbenzene	0.00009	0.00594	0.00009	0.99		UJQ
1,3-Dichlorobenzene	0.00013	0.00712	0.00573	0.99		FJQ
1,3-Dichloropropane	0.00011	0.00297	0.00011	0.99		UJ
1,4-Dichlorobenzene	0.00007	0.00297	0.0845	0.99		JQ
1-Chlorohexane	0.00019	0.00594	0.00019	0.99		UJ
2,2-Dichloropropane	0.00015	0.00594	0.00015	0.99		UJ
2-Butanone	0.00050	0.0237	0.00050	0.99		UJ
2-Chlorotoluene	0.00005	0.00594	0.000700	0.99		FJQ
4-Chlorotoluene	0.00008	0.00594	0.00008	0.99		UJQ
4-Methyl-2-pentanone	0.00038	0.0237	0.00038	0.99		UJ
Acetone	0.00036	0.0594	0.00347	0.99		FJ
Benzene	0.00006	0.00297	0.000878	0.99		FJ
Bromobenzene	0.00018	0.00594	0.00018	0.99		UJQ
Bromochloromethane	0.00024	0.00594	0.00024	0.99		UJ
Bromodichloromethane	0.00007	0.00297	0.00007	0.99		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-2 (15.5')	**Lab Sample ID:**	0706165-004A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3546.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.06 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00712	0.00020	0.99		UJ
Bromomethane	0.00015	0.0119	0.00015	0.99		UJ
Carbon tetrachloride	0.00014	0.00594	0.00014	0.99		UJ
Chlorobenzene	0.00008	0.00297	0.174	0.99		J
Chloroethane	0.00030	0.00594	0.00030	0.99		UJQ
Chloroform	0.00008	0.00297	0.00008	0.99		UJ
Chloromethane	0.00037	0.00594	0.00037	0.99		UJ
cis-1,2-Dichloroethene	0.00019	0.00594	0.00019	0.99		UJ
cis-1,3-Dichloropropene	0.00011	0.00356	0.00011	0.99		UJ
Dibromochloromethane	0.00008	0.00356	0.00008	0.99		UJ
Dibromomethane	0.00014	0.00594	0.00014	0.99		UJ
Dichlorodifluoromethane	0.00009	0.00594	0.00009	0.99		UJ
Ethylbenzene	0.00015	0.00594	0.00015	0.99		UJ
Hexachlorobutadiene	0.00045	0.00356	0.00045	0.99		UJQ
Isopropylbenzene	0.00006	0.00594	0.00211	0.99		FJQ
Methyl tert-butyl ether	0.00015	0.0237	0.00015	0.99		UJ
Methylene chloride	0.00071	0.00594	0.00291	0.99		FJ
n-Butylbenzene	0.00015	0.00594	0.00145	0.99		FJQ
n-Propylbenzene	0.00004	0.00594	0.00004	0.99		UJQ
Naphthalene	0.00025	0.00594	0.0258	0.99		JQ
o-Xylene	0.00020	0.00594	0.0681	0.99		J
p-Isopropyltoluene	0.00020	0.00712	0.00020	0.99		UJQ
sec-Butylbenzene	0.00006	0.00594	0.00164	0.99		FJQ
Styrene	0.00014	0.00594	0.00014	0.99		UJ
tert-Butylbenzene	0.00009	0.00594	0.00009	0.99		UJQ
Tetrachloroethene	0.00013	0.00594	0.00013	0.99		UJ
Toluene	0.00006	0.00594	0.00112	0.99		FJ
trans-1,2-Dichloroethene	0.00014	0.00594	0.00014	0.99		UJ
trans-1,3-Dichloropropene	0.00018	0.00594	0.00018	0.99		UJ
Trichloroethene	0.00014	0.00594	0.00014	0.99		UJ
Trichlorofluoromethane	0.00009	0.00594	0.00009	0.99		UJ
Vinyl chloride	0.00015	0.00594	0.00015	0.99		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-2 (15.5')	**Lab Sample ID:**	0706165-004A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3546.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.06 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00594	0.0681	0.99		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	83	84 - 118	*
Dibromofluoromethane	94	65 - 135	
Toluene-d8	95	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	662455	685144 - 2740574	*
Chlorobenzene-d5	1354106	1005325 - 4021300	
Fluorobenzene	3926522	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-2 (15.5') RA	**Lab Sample ID:**	0706165-004ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3603.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.85 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00618	0.00114	1.03		FQ
1,1,1,2-Tetrachloroethane	0.00020	0.00371	0.00020	1.03		UQ
1,1,1-Trichloroethane	0.00017	0.00618	0.00017	1.03		U
1,1,2,2-Tetrachloroethane	0.00017	0.00371	0.00017	1.03		UQ
1,1,2-Trichloroethane	0.00031	0.00618	0.00031	1.03		UQ
1,1-Dichloroethane	0.00010	0.00618	0.00010	1.03		U
1,1-Dichloroethene	0.00019	0.00741	0.00019	1.03		U
1,1-Dichloropropene	0.00023	0.00618	0.00023	1.03		U
1,2,3-Trichlorobenzene	0.00051	0.00618	0.00051	1.03		UQ
1,2,3-Trichloropropane	0.00028	0.00618	0.00028	1.03		UQ
1,2,4-Trichlorobenzene	0.00041	0.00618	0.00041	1.03		UQ
1,2,4-Trimethylbenzene	0.00007	0.00741	0.00264	1.03		FQ
1,2-Dibromo-3-chloropropane	0.00038	0.0124	0.00038	1.03		UQ
1,2-Dibromoethane	0.00010	0.00618	0.00010	1.03		UQ
1,2-Dichlorobenzene	0.00007	0.00618	0.0146	1.03		Q
1,2-Dichloroethane	0.00014	0.00371	0.00014	1.03		U
1,2-Dichloropropane	0.00027	0.00618	0.00027	1.03		U
1,3,5-Trimethylbenzene	0.00010	0.00618	0.000692	1.03		FQ
1,3-Dichlorobenzene	0.00014	0.00741	0.00430	1.03		FQ
1,3-Dichloropropane	0.00011	0.00309	0.00011	1.03		U
1,4-Dichlorobenzene	0.00007	0.00309	0.0647	1.03		Q
1-Chlorohexane	0.00020	0.00618	0.00020	1.03		U
2,2-Dichloropropane	0.00016	0.00618	0.00016	1.03		U
2-Butanone	0.00052	0.0247	0.00052	1.03		U
2-Chlorotoluene	0.00005	0.00618	0.00005	1.03		UQ
4-Chlorotoluene	0.00009	0.00618	0.00009	1.03		UQ
4-Methyl-2-pentanone	0.00040	0.0247	0.00040	1.03		U
Acetone	0.00037	0.0618	0.00287	1.03		F
Benzene	0.00006	0.00309	0.000704	1.03		F
Bromobenzene	0.00019	0.00618	0.00019	1.03		UQ
Bromochloromethane	0.00025	0.00618	0.00025	1.03		UQ
Bromodichloromethane	0.00007	0.00309	0.00007	1.03		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-2 (15.5') RA	**Lab Sample ID:**	0706165-004ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3603.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.85 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00021	0.00741	0.00021	1.03		UQ
Bromomethane	0.00016	0.0124	0.00016	1.03		U
Carbon tetrachloride	0.00015	0.00618	0.00015	1.03		U
Chlorobenzene	0.00009	0.00309	0.159	1.03		Q
Chloroethane	0.00031	0.00618	0.00031	1.03		UQ
Chloroform	0.00009	0.00309	0.00009	1.03		U
Chloromethane	0.00038	0.00618	0.00038	1.03		UQ
cis-1,2-Dichloroethene	0.00020	0.00618	0.00020	1.03		U
cis-1,3-Dichloropropene	0.00011	0.00371	0.00011	1.03		U
Dibromochloromethane	0.00009	0.00371	0.00009	1.03		UQ
Dibromomethane	0.00015	0.00618	0.00015	1.03		UQ
Dichlorodifluoromethane	0.00010	0.00618	0.00010	1.03		UQ
Ethylbenzene	0.00016	0.00618	0.00016	1.03		U
Hexachlorobutadiene	0.00047	0.00371	0.00047	1.03		UQ
Isopropylbenzene	0.00006	0.00618	0.00174	1.03		FQ
Methyl tert-butyl ether	0.00016	0.0247	0.00016	1.03		U
Methylene chloride	0.00074	0.00618	0.00220	1.03		F
n-Butylbenzene	0.00016	0.00618	0.00114	1.03		FQ
n-Propylbenzene	0.00004	0.00618	0.00004	1.03		UQ
Naphthalene	0.00026	0.00618	0.0211	1.03		QB
o-Xylene	0.00021	0.00618	0.0565	1.03		Q
p-Isopropyltoluene	0.00021	0.00741	0.00021	1.03		UQ
sec-Butylbenzene	0.00006	0.00618	0.00119	1.03		FQ
Styrene	0.00015	0.00618	0.00015	1.03		UQ
tert-Butylbenzene	0.00010	0.00618	0.00010	1.03		UQ
Tetrachloroethene	0.00014	0.00618	0.00014	1.03		UQ
Toluene	0.00006	0.00618	0.00119	1.03		FQ
trans-1,2-Dichloroethene	0.00015	0.00618	0.00015	1.03		U
trans-1,3-Dichloropropene	0.00019	0.00618	0.00019	1.03		UQ
Trichloroethene	0.00015	0.00618	0.00015	1.03		UQ
Trichlorofluoromethane	0.00010	0.00618	0.00010	1.03		UQ
Vinyl chloride	0.00016	0.00618	0.00016	1.03		UQ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB21-2 (15.5') RA	**Lab Sample ID:**	0706165-004ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3603.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.85 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00037	0.00618	0.0577	1.03		Q

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	84	84 - 118	
Dibromofluoromethane	93	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	637509	685144 - 2740574	*
Chlorobenzene-d5	1320038	1005325 - 4021300	
Fluorobenzene	3614525	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-1 (12.5')	**Lab Sample ID:**	0706165-005B	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	992	**File ID:**	M1368.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.121	4.63	3.57	8		FJ
1,1,1,2-Tetrachloroethane	0.148	2.78	0.148	8		U
1,1,1-Trichloroethane	0.130	4.63	0.130	8		U
1,1,2,2-Tetrachloroethane	0.130	2.78	0.130	8		U
1,1,2-Trichloroethane	0.232	4.63	0.232	8		U
1,1-Dichloroethane	0.0742	4.63	0.0742	8		U
1,1-Dichloroethene	0.139	5.56	0.139	8		U
1,1-Dichloropropene	0.176	4.63	0.176	8		U
1,2,3-Trichlorobenzene	0.380	4.63	0.380	8		U
1,2,3-Trichloropropane	0.213	4.63	0.213	8		U
1,2,4-Trichlorobenzene	0.306	4.63	0.306	8		U
1,2,4-Trimethylbenzene	0.0556	5.56	56.9	8		J
1,2-Dibromo-3-chloropropane	0.287	9.27	0.287	8		U
1,2-Dibromoethane	0.0742	4.63	0.0742	8		U
1,2-Dichlorobenzene	0.0556	4.63	1.90	8		FJ
1,2-Dichloroethane	0.102	2.78	0.102	8		U
1,2-Dichloropropane	0.204	4.63	0.204	8		U
1,3,5-Trimethylbenzene	0.0742	4.63	31.5	8		J
1,3-Dichlorobenzene	0.102	5.56	3.43	8		FJ
1,3-Dichloropropane	0.0834	2.32	0.0834	8		U
1,4-Dichlorobenzene	0.0556	2.32	57.9	8		J
1-Chlorohexane	0.148	4.63	0.148	8		U
2,2-Dichloropropane	0.121	4.63	0.121	8		U
2-Butanone	0.389	18.5	0.389	8		U
2-Chlorotoluene	0.0371	4.63	0.0371	8		U
4-Chlorotoluene	0.0649	4.63	0.0649	8		U
4-Methyl-2-pentanone	0.297	18.5	0.297	8		U
Acetone	0.278	46.3	0.278	8		U
Benzene	0.0463	2.32	0.0463	8		U
Bromobenzene	0.139	4.63	0.139	8		U
Bromochloromethane	0.185	4.63	0.185	8		U
Bromodichloromethane	0.0556	2.32	0.0556	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-1 (12.5')	**Lab Sample ID:**	0706165-005B	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	992	**File ID:**	M1368.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.158	5.56	0.158	8		U
Bromomethane	0.121	9.27	0.121	8		U
Carbon tetrachloride	0.111	4.63	0.111	8		U
Chlorobenzene	0.0649	2.32	79.6	8		J
Chloroethane	0.232	4.63	0.232	8		U
Chloroform	0.0649	2.32	0.0649	8		U
Chloromethane	0.287	4.63	0.287	8		U
cis-1,2-Dichloroethene	0.148	4.63	0.148	8		U
cis-1,3-Dichloropropene	0.0834	2.78	0.0834	8		U
Dibromochloromethane	0.0649	2.78	0.0649	8		U
Dibromomethane	0.111	4.63	0.111	8		U
Dichlorodifluoromethane	0.0742	4.63	0.0742	8		U
Ethylbenzene	0.121	4.63	0.510	8		FJ
Hexachlorobutadiene	0.352	2.78	0.352	8		U
Isopropylbenzene	0.0463	4.63	3.29	8		FJ
Methyl tert-butyl ether	0.121	18.5	0.121	8		U
Methylene chloride	0.556	4.63	1.21	8		FJ
n-Butylbenzene	0.121	4.63	0.121	8		U
n-Propylbenzene	0.0278	4.63	3.06	8		FJ
Naphthalene	0.195	4.63	10.1	8		J
o-Xylene	0.158	4.63	1.21	8		FJ
p-Isopropyltoluene	0.158	5.56	4.13	8		FJ
sec-Butylbenzene	0.0463	4.63	3.06	8		FJ
Styrene	0.111	4.63	0.111	8		U
tert-Butylbenzene	0.0742	4.63	0.0742	8		U
Tetrachloroethene	0.102	4.63	0.102	8		U
Toluene	0.0463	4.63	0.0463	8		U
trans-1,2-Dichloroethene	0.111	4.63	0.111	8		U
trans-1,3-Dichloropropene	0.139	4.63	0.139	8		U
Trichloroethene	0.111	4.63	0.111	8		U
Trichlorofluoromethane	0.0742	4.63	0.0742	8		U
Vinyl chloride	0.121	4.63	0.121	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-1 (12.5')	**Lab Sample ID:**	0706165-005B	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	992	**File ID:**	M1368.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.278	9.27	4.77	8		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	130	84 - 118	*
Dibromofluoromethane	90	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2435001	1128046 - 4512186	
Chlorobenzene-d5	2956017	1392345 - 5569380	
Fluorobenzene	5627651	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-1 (12.5') DL	**Lab Sample ID:**	0706165-005BDL	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	992	**File ID:**	M1419.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.241	9.27	3.43	16		FJ
1,1,1,2-Tetrachloroethane	0.297	5.56	0.297	16		U
1,1,1-Trichloroethane	0.260	9.27	0.260	16		U
1,1,2,2-Tetrachloroethane	0.260	5.56	0.260	16		U
1,1,2-Trichloroethane	0.463	9.27	0.463	16		U
1,1-Dichloroethane	0.148	9.27	0.148	16		U
1,1-Dichloroethene	0.278	11.1	0.278	16		U
1,1-Dichloropropene	0.352	9.27	0.352	16		U
1,2,3-Trichlorobenzene	0.760	9.27	0.760	16		U
1,2,3-Trichloropropane	0.426	9.27	0.426	16		U
1,2,4-Trichlorobenzene	0.612	9.27	0.612	16		U
1,2,4-Trimethylbenzene	0.111	11.1	53.3	16		J
1,2-Dibromo-3-chloropropane	0.575	18.5	0.575	16		U
1,2-Dibromoethane	0.148	9.27	0.148	16		U
1,2-Dichlorobenzene	0.111	9.27	1.85	16		FJ
1,2-Dichloroethane	0.204	5.56	0.204	16		U
1,2-Dichloropropane	0.408	9.27	0.408	16		U
1,3,5-Trimethylbenzene	0.148	9.27	29.8	16		J
1,3-Dichlorobenzene	0.204	11.1	3.62	16		FJ
1,3-Dichloropropane	0.167	4.63	0.167	16		U
1,4-Dichlorobenzene	0.111	4.63	56.5	16		J
1-Chlorohexane	0.297	9.27	0.297	16		U
2,2-Dichloropropane	0.241	9.27	0.241	16		U
2-Butanone	0.779	37.1	0.779	16		U
2-Chlorotoluene	0.0742	9.27	0.0742	16		U
4-Chlorotoluene	0.130	9.27	0.130	16		U
4-Methyl-2-pentanone	0.593	37.1	0.593	16		U
Acetone	0.556	92.7	0.556	16		U
Benzene	0.0927	4.63	0.0927	16		U
Bromobenzene	0.278	9.27	0.278	16		U
Bromochloromethane	0.371	9.27	0.371	16		U
Bromodichloromethane	0.111	4.63	0.111	16		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-1 (12.5') DL	**Lab Sample ID:**	0706165-005BDL	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	992	**File ID:**	M1419.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.315	11.1	0.315	16		U
Bromomethane	0.241	18.5	0.241	16		U
Carbon tetrachloride	0.222	9.27	0.222	16		U
Chlorobenzene	0.130	4.63	78.4	16		J
Chloroethane	0.463	9.27	0.463	16		U
Chloroform	0.130	4.63	0.130	16		U
Chloromethane	0.575	9.27	0.575	16		U
cis-1,2-Dichloroethene	0.297	9.27	0.297	16		U
cis-1,3-Dichloropropene	0.167	5.56	0.167	16		U
Dibromochloromethane	0.130	5.56	0.130	16		U
Dibromomethane	0.222	9.27	0.222	16		U
Dichlorodifluoromethane	0.148	9.27	0.148	16		UQ
Ethylbenzene	0.241	9.27	0.241	16		U
Hexachlorobutadiene	0.705	5.56	0.705	16		U
Isopropylbenzene	0.0927	9.27	3.06	16		FJ
Methyl tert-butyl ether	0.241	37.1	0.241	16		U
Methylene chloride	1.11	9.27	2.13	16		FJ
n-Butylbenzene	0.241	9.27	0.241	16		U
n-Propylbenzene	0.0556	9.27	2.87	16		FJQ
Naphthalene	0.389	9.27	9.08	16		FJ
o-Xylene	0.315	9.27	0.927	16		FJ
p-Isopropyltoluene	0.315	11.1	4.17	16		FJ
sec-Butylbenzene	0.0927	9.27	2.87	16		FJ
Styrene	0.222	9.27	0.222	16		U
tert-Butylbenzene	0.148	9.27	0.148	16		U
Tetrachloroethene	0.204	9.27	0.204	16		U
Toluene	0.0927	9.27	0.0927	16		U
trans-1,2-Dichloroethene	0.222	9.27	0.222	16		U
trans-1,3-Dichloropropene	0.278	9.27	0.278	16		U
Trichloroethene	0.222	9.27	0.222	16		U
Trichlorofluoromethane	0.148	9.27	0.148	16		U
Vinyl chloride	0.241	9.27	0.241	16		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-1 (12.5') DL	**Lab Sample ID:**	0706165-005BDL	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	992	**File ID:**	M1419.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.556	18.5	4.36	16		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	91	52 - 149	
4-Bromofluorobenzene	136	84 - 118	*
Dibromofluoromethane	77	65 - 135	
Toluene-d8	86	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2481186	1128046 - 4512186	
Chlorobenzene-d5	3076399	1392345 - 5569380	
Fluorobenzene	5625634	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-2 (15.5')	**Lab Sample ID:**	0706165-006A	**Matrix:**	Soil
% Solids:	82.70	**Initial Calibration ID:**	990	**File ID:**	J3541.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.06 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00599	0.000790	0.99		F
1,1,1,2-Tetrachloroethane	0.00019	0.00359	0.00019	0.99		U
1,1,1-Trichloroethane	0.00017	0.00599	0.00017	0.99		U
1,1,2,2-Tetrachloroethane	0.00017	0.00359	0.00017	0.99		U
1,1,2-Trichloroethane	0.00030	0.00599	0.00030	0.99		U
1,1-Dichloroethane	0.00010	0.00599	0.00010	0.99		U
1,1-Dichloroethene	0.00018	0.00718	0.00018	0.99		U
1,1-Dichloropropene	0.00023	0.00599	0.00023	0.99		U
1,2,3-Trichlorobenzene	0.00049	0.00599	0.00049	0.99		U
1,2,3-Trichloropropane	0.00028	0.00599	0.00028	0.99		U
1,2,4-Trichlorobenzene	0.00040	0.00599	0.00040	0.99		U
1,2,4-Trimethylbenzene	0.00007	0.00718	0.000706	0.99		F
1,2-Dibromo-3-chloropropane	0.00037	0.0120	0.00037	0.99		U
1,2-Dibromoethane	0.00010	0.00599	0.00010	0.99		U
1,2-Dichlorobenzene	0.00007	0.00599	0.00101	0.99		F
1,2-Dichloroethane	0.00013	0.00359	0.00013	0.99		U
1,2-Dichloropropane	0.00026	0.00599	0.00026	0.99		U
1,3,5-Trimethylbenzene	0.00010	0.00599	0.00010	0.99		U
1,3-Dichlorobenzene	0.00013	0.00718	0.00013	0.99		U
1,3-Dichloropropane	0.00011	0.00299	0.00011	0.99		U
1,4-Dichlorobenzene	0.00007	0.00299	0.00900	0.99		
1-Chlorohexane	0.00019	0.00599	0.00019	0.99		U
2,2-Dichloropropane	0.00016	0.00599	0.00016	0.99		U
2-Butanone	0.00050	0.0239	0.00050	0.99		U
2-Chlorotoluene	0.00005	0.00599	0.00005	0.99		U
4-Chlorotoluene	0.00008	0.00599	0.00008	0.99		U
4-Methyl-2-pentanone	0.00038	0.0239	0.00038	0.99		U
Acetone	0.00036	0.0599	0.00213	0.99		F
Benzene	0.00006	0.00299	0.00006	0.99		U
Bromobenzene	0.00018	0.00599	0.00018	0.99		U
Bromochloromethane	0.00024	0.00599	0.00024	0.99		U
Bromodichloromethane	0.00007	0.00299	0.00007	0.99		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-2 (15.5')	**Lab Sample ID:**	0706165-006A	**Matrix:**	Soil
% Solids:	82.70	**Initial Calibration ID:**	990	**File ID:**	J3541.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.06 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00718	0.00020	0.99		U
Bromomethane	0.00016	0.0120	0.00016	0.99		U
Carbon tetrachloride	0.00014	0.00599	0.00014	0.99		U
Chlorobenzene	0.00008	0.00299	0.0712	0.99		
Chloroethane	0.00030	0.00599	0.00030	0.99		U
Chloroform	0.00008	0.00299	0.00008	0.99		U
Chloromethane	0.00037	0.00599	0.00037	0.99		U
cis-1,2-Dichloroethene	0.00019	0.00599	0.00019	0.99		U
cis-1,3-Dichloropropene	0.00011	0.00359	0.00011	0.99		U
Dibromochloromethane	0.00008	0.00359	0.00008	0.99		U
Dibromomethane	0.00014	0.00599	0.00014	0.99		U
Dichlorodifluoromethane	0.00010	0.00599	0.00010	0.99		U
Ethylbenzene	0.00016	0.00599	0.00016	0.99		U
Hexachlorobutadiene	0.00045	0.00359	0.00045	0.99		U
Isopropylbenzene	0.00006	0.00599	0.00006	0.99		U
Methyl tert-butyl ether	0.00016	0.0239	0.00016	0.99		U
Methylene chloride	0.00072	0.00599	0.00266	0.99		F
n-Butylbenzene	0.00016	0.00599	0.00016	0.99		U
n-Propylbenzene	0.00004	0.00599	0.00004	0.99		U
Naphthalene	0.00025	0.00599	0.000982	0.99		FQ
o-Xylene	0.00020	0.00599	0.00130	0.99		F
p-Isopropyltoluene	0.00020	0.00718	0.00020	0.99		U
sec-Butylbenzene	0.00006	0.00599	0.000658	0.99		F
Styrene	0.00014	0.00599	0.00014	0.99		U
tert-Butylbenzene	0.00010	0.00599	0.00010	0.99		U
Tetrachloroethene	0.00013	0.00599	0.00013	0.99		U
Toluene	0.00006	0.00599	0.000790	0.99		F
trans-1,2-Dichloroethene	0.00014	0.00599	0.00014	0.99		U
trans-1,3-Dichloropropene	0.00018	0.00599	0.00018	0.99		U
Trichloroethene	0.00014	0.00599	0.00014	0.99		U
Trichlorofluoromethane	0.00010	0.00599	0.00010	0.99		U
Vinyl chloride	0.00016	0.00599	0.00016	0.99		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB22-2 (15.5')	**Lab Sample ID:**	0706165-006A	**Matrix:**	Soil
% Solids:	82.70	**Initial Calibration ID:**	990	**File ID:**	J3541.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.06 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00599	0.00209	0.99		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	91	65 - 135	
Toluene-d8	97	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	803504	685144 - 2740574	
Chlorobenzene-d5	1581899	1005325 - 4021300	
Fluorobenzene	4533404	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-1 (13.5')	**Lab Sample ID:**	0706165-007B	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	992	**File ID:**	M1369.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.126	4.84	0.920	8		FJ
1,1,1,2-Tetrachloroethane	0.155	2.91	0.155	8		U
1,1,1-Trichloroethane	0.136	4.84	0.136	8		U
1,1,2,2-Tetrachloroethane	0.136	2.91	0.136	8		U
1,1,2-Trichloroethane	0.242	4.84	0.242	8		U
1,1-Dichloroethane	0.0775	4.84	0.0775	8		U
1,1-Dichloroethene	0.145	5.81	0.145	8		U
1,1-Dichloropropene	0.184	4.84	0.184	8		U
1,2,3-Trichlorobenzene	0.397	4.84	0.397	8		U
1,2,3-Trichloropropane	0.223	4.84	0.223	8		U
1,2,4-Trichlorobenzene	0.320	4.84	0.320	8		U
1,2,4-Trimethylbenzene	0.0581	5.81	63.9	8		J
1,2-Dibromo-3-chloropropane	0.300	9.69	0.300	8		U
1,2-Dibromoethane	0.0775	4.84	0.0775	8		U
1,2-Dichlorobenzene	0.0581	4.84	0.678	8		FJ
1,2-Dichloroethane	0.107	2.91	0.107	8		U
1,2-Dichloropropane	0.213	4.84	0.213	8		U
1,3,5-Trimethylbenzene	0.0775	4.84	22.5	8		J
1,3-Dichlorobenzene	0.107	5.81	0.107	8		U
1,3-Dichloropropane	0.0872	2.42	0.0872	8		U
1,4-Dichlorobenzene	0.0581	2.42	2.37	8		FJ
1-Chlorohexane	0.155	4.84	0.155	8		U
2,2-Dichloropropane	0.126	4.84	0.126	8		U
2-Butanone	0.407	19.4	0.407	8		U
2-Chlorotoluene	0.0387	4.84	0.0387	8		U
4-Chlorotoluene	0.0678	4.84	0.0678	8		U
4-Methyl-2-pentanone	0.310	19.4	0.310	8		U
Acetone	0.291	48.4	0.291	8		U
Benzene	0.0484	2.42	0.0484	8		U
Bromobenzene	0.145	4.84	0.145	8		U
Bromochloromethane	0.194	4.84	0.194	8		U
Bromodichloromethane	0.0581	2.42	0.0581	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-1 (13.5')	**Lab Sample ID:**	0706165-007B	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	992	**File ID:**	M1369.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.165	5.81	0.165	8		U
Bromomethane	0.126	9.69	0.126	8		U
Carbon tetrachloride	0.116	4.84	0.116	8		U
Chlorobenzene	0.0678	2.42	23.4	8		J
Chloroethane	0.242	4.84	0.242	8		U
Chloroform	0.0678	2.42	0.0678	8		U
Chloromethane	0.300	4.84	0.300	8		U
cis-1,2-Dichloroethene	0.155	4.84	0.155	8		U
cis-1,3-Dichloropropene	0.0872	2.91	0.0872	8		U
Dibromochloromethane	0.0678	2.91	0.0678	8		U
Dibromomethane	0.116	4.84	0.116	8		U
Dichlorodifluoromethane	0.0775	4.84	0.0775	8		U
Ethylbenzene	0.126	4.84	0.126	8		U
Hexachlorobutadiene	0.368	2.91	0.368	8		U
Isopropylbenzene	0.0484	4.84	3.54	8		FJ
Methyl tert-butyl ether	0.126	19.4	0.126	8		U
Methylene chloride	0.581	4.84	1.40	8		FJ
n-Butylbenzene	0.126	4.84	0.126	8		U
n-Propylbenzene	0.0291	4.84	7.75	8		J
Naphthalene	0.203	4.84	1.31	8		FJ
o-Xylene	0.165	4.84	0.165	8		U
p-Isopropyltoluene	0.165	5.81	11.0	8		J
sec-Butylbenzene	0.0484	4.84	10.2	8		J
Styrene	0.116	4.84	0.116	8		U
tert-Butylbenzene	0.0775	4.84	0.0775	8		U
Tetrachloroethene	0.107	4.84	0.107	8		U
Toluene	0.0484	4.84	0.0484	8		U
trans-1,2-Dichloroethene	0.116	4.84	0.116	8		U
trans-1,3-Dichloropropene	0.145	4.84	0.145	8		U
Trichloroethene	0.116	4.84	0.116	8		U
Trichlorofluoromethane	0.0775	4.84	0.0775	8		U
Vinyl chloride	0.126	4.84	0.126	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-1 (13.5')	**Lab Sample ID:**	0706165-007B	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	992	**File ID:**	M1369.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.291	9.69	0.920	8		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	117	52 - 149	
4-Bromofluorobenzene	154	84 - 118	*
Dibromofluoromethane	90	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2478715	1128046 - 4512186	
Chlorobenzene-d5	2941473	1392345 - 5569380	
Fluorobenzene	5527907	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-1 (13.5') DL	**Lab Sample ID:**	0706165-007BDL	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	992	**File ID:**	M1420.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.252	9.69	1.07	16		FJ
1,1,1,2-Tetrachloroethane	0.310	5.81	0.310	16		U
1,1,1-Trichloroethane	0.271	9.69	0.271	16		U
1,1,2,2-Tetrachloroethane	0.271	5.81	0.271	16		U
1,1,2-Trichloroethane	0.484	9.69	0.484	16		U
1,1-Dichloroethane	0.155	9.69	0.155	16		U
1,1-Dichloroethene	0.291	11.6	0.291	16		U
1,1-Dichloropropene	0.368	9.69	0.368	16		U
1,2,3-Trichlorobenzene	0.794	9.69	0.794	16		U
1,2,3-Trichloropropane	0.446	9.69	0.446	16		U
1,2,4-Trichlorobenzene	0.639	9.69	0.639	16		U
1,2,4-Trimethylbenzene	0.116	11.6	63.2	16		J
1,2-Dibromo-3-chloropropane	0.600	19.4	0.600	16		U
1,2-Dibromoethane	0.155	9.69	0.155	16		U
1,2-Dichlorobenzene	0.116	9.69	0.116	16		U
1,2-Dichloroethane	0.213	5.81	0.213	16		U
1,2-Dichloropropane	0.426	9.69	0.426	16		U
1,3,5-Trimethylbenzene	0.155	9.69	24.3	16		J
1,3-Dichlorobenzene	0.213	11.6	0.213	16		U
1,3-Dichloropropane	0.174	4.84	0.174	16		U
1,4-Dichlorobenzene	0.116	4.84	2.32	16		FJ
1-Chlorohexane	0.310	9.69	0.310	16		U
2,2-Dichloropropane	0.252	9.69	0.252	16		U
2-Butanone	0.814	38.7	0.814	16		U
2-Chlorotoluene	0.0775	9.69	0.0775	16		U
4-Chlorotoluene	0.136	9.69	0.136	16		U
4-Methyl-2-pentanone	0.620	38.7	0.620	16		U
Acetone	0.581	96.9	0.581	16		U
Benzene	0.0969	4.84	0.0969	16		U
Bromobenzene	0.291	9.69	0.291	16		U
Bromochloromethane	0.387	9.69	0.387	16		U
Bromodichloromethane	0.116	4.84	0.116	16		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-1 (13.5') DL	**Lab Sample ID:**	0706165-007BDL	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	992	**File ID:**	M1420.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.329	11.6	0.329	16		U
Bromomethane	0.252	19.4	0.252	16		U
Carbon tetrachloride	0.232	9.69	0.232	16		U
Chlorobenzene	0.136	4.84	21.7	16		J
Chloroethane	0.484	9.69	0.484	16		U
Chloroform	0.136	4.84	0.136	16		U
Chloromethane	0.600	9.69	0.600	16		U
cis-1,2-Dichloroethene	0.310	9.69	0.310	16		U
cis-1,3-Dichloropropene	0.174	5.81	0.174	16		U
Dibromochloromethane	0.136	5.81	0.136	16		U
Dibromomethane	0.232	9.69	0.232	16		U
Dichlorodifluoromethane	0.155	9.69	0.155	16		UQ
Ethylbenzene	0.252	9.69	0.252	16		U
Hexachlorobutadiene	0.736	5.81	0.736	16		U
Isopropylbenzene	0.0969	9.69	3.49	16		FJ
Methyl tert-butyl ether	0.252	38.7	0.252	16		U
Methylene chloride	1.16	9.69	2.81	16		FJ
n-Butylbenzene	0.252	9.69	0.252	16		U
n-Propylbenzene	0.0581	9.69	8.04	16		FJQ
Naphthalene	0.407	9.69	0.407	16		U
o-Xylene	0.329	9.69	0.329	16		U
p-Isopropyltoluene	0.329	11.6	11.5	16		FJ
sec-Butylbenzene	0.0969	9.69	10.4	16		J
Styrene	0.232	9.69	0.232	16		U
tert-Butylbenzene	0.155	9.69	0.155	16		U
Tetrachloroethene	0.213	9.69	0.213	16		U
Toluene	0.0969	9.69	0.0969	16		U
trans-1,2-Dichloroethene	0.232	9.69	0.232	16		U
trans-1,3-Dichloropropene	0.291	9.69	0.291	16		U
Trichloroethene	0.232	9.69	0.232	16		U
Trichlorofluoromethane	0.155	9.69	0.155	16		U
Vinyl chloride	0.252	9.69	0.252	16		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-1 (13.5') DL	**Lab Sample ID:**	0706165-007BDL	**Matrix:**	Soil
% Solids:	82.60	**Initial Calibration ID:**	992	**File ID:**	M1420.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.581	19.4	1.07	16		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	52 - 149	
4-Bromofluorobenzene	138	84 - 118	*
Dibromofluoromethane	74	65 - 135	
Toluene-d8	85	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2428954	1128046 - 4512186	
Chlorobenzene-d5	3051604	1392345 - 5569380	
Fluorobenzene	5670952	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3542.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.89 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00606	0.00128	1.02		F
1,1,1,2-Tetrachloroethane	0.00019	0.00363	0.00019	1.02		U
1,1,1-Trichloroethane	0.00017	0.00606	0.00017	1.02		U
1,1,2,2-Tetrachloroethane	0.00017	0.00363	0.00017	1.02		UQ
1,1,2-Trichloroethane	0.00030	0.00606	0.00030	1.02		U
1,1-Dichloroethane	0.00010	0.00606	0.00010	1.02		U
1,1-Dichloroethene	0.00018	0.00727	0.00018	1.02		U
1,1-Dichloropropene	0.00023	0.00606	0.00023	1.02		U
1,2,3-Trichlorobenzene	0.00050	0.00606	0.00050	1.02		UQ
1,2,3-Trichloropropane	0.00028	0.00606	0.00028	1.02		UQ
1,2,4-Trichlorobenzene	0.00040	0.00606	0.000654	1.02		FQ
1,2,4-Trimethylbenzene	0.00007	0.00727	0.00228	1.02		FQ
1,2-Dibromo-3-chloropropane	0.00038	0.0121	0.00038	1.02		UMQ
1,2-Dibromoethane	0.00010	0.00606	0.00010	1.02		U
1,2-Dichlorobenzene	0.00007	0.00606	0.000715	1.02		FQ
1,2-Dichloroethane	0.00013	0.00363	0.00013	1.02		U
1,2-Dichloropropane	0.00027	0.00606	0.00027	1.02		U
1,3,5-Trimethylbenzene	0.00010	0.00606	0.000993	1.02		FQ
1,3-Dichlorobenzene	0.00013	0.00727	0.00013	1.02		UQ
1,3-Dichloropropane	0.00011	0.00303	0.00011	1.02		U
1,4-Dichlorobenzene	0.00007	0.00303	0.00555	1.02		Q
1-Chlorohexane	0.00019	0.00606	0.00019	1.02		U
2,2-Dichloropropane	0.00016	0.00606	0.00016	1.02		U
2-Butanone	0.00051	0.0242	0.00051	1.02		U
2-Chlorotoluene	0.00005	0.00606	0.00005	1.02		UQ
4-Chlorotoluene	0.00008	0.00606	0.00008	1.02		UQ
4-Methyl-2-pentanone	0.00039	0.0242	0.00039	1.02		U
Acetone	0.00036	0.0606	0.00338	1.02		F
Benzene	0.00006	0.00303	0.00006	1.02		U
Bromobenzene	0.00018	0.00606	0.00018	1.02		UQ
Bromochloromethane	0.00024	0.00606	0.00024	1.02		U
Bromodichloromethane	0.00007	0.00303	0.00007	1.02		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3542.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.89 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00021	0.00727	0.00021	1.02		U
Bromomethane	0.00016	0.0121	0.00016	1.02		U
Carbon tetrachloride	0.00015	0.00606	0.00015	1.02		U
Chlorobenzene	0.00008	0.00303	0.0186	1.02		
Chloroethane	0.00030	0.00606	0.00030	1.02		UQ
Chloroform	0.00008	0.00303	0.00008	1.02		U
Chloromethane	0.00038	0.00606	0.00038	1.02		U
cis-1,2-Dichloroethene	0.00019	0.00606	0.00118	1.02		F
cis-1,3-Dichloropropene	0.00011	0.00363	0.00011	1.02		U
Dibromochloromethane	0.00008	0.00363	0.00008	1.02		U
Dibromomethane	0.00015	0.00606	0.00015	1.02		U
Dichlorodifluoromethane	0.00010	0.00606	0.00010	1.02		U
Ethylbenzene	0.00016	0.00606	0.00016	1.02		U
Hexachlorobutadiene	0.00046	0.00363	0.00046	1.02		UQ
Isopropylbenzene	0.00006	0.00606	0.00006	1.02		UQ
Methyl tert-butyl ether	0.00016	0.0242	0.00016	1.02		U
Methylene chloride	0.00073	0.00606	0.00229	1.02		F
n-Butylbenzene	0.00016	0.00606	0.00016	1.02		UQ
n-Propylbenzene	0.00004	0.00606	0.00004	1.02		UQ
Naphthalene	0.00025	0.00606	0.00292	1.02		FMQ
o-Xylene	0.00021	0.00606	0.000751	1.02		F
p-Isopropyltoluene	0.00021	0.00727	0.00021	1.02		UQ
sec-Butylbenzene	0.00006	0.00606	0.00148	1.02		FQ
Styrene	0.00015	0.00606	0.00015	1.02		U
tert-Butylbenzene	0.00010	0.00606	0.00010	1.02		UQ
Tetrachloroethene	0.00013	0.00606	0.00013	1.02		U
Toluene	0.00006	0.00606	0.00006	1.02		U
trans-1,2-Dichloroethene	0.00015	0.00606	0.00015	1.02		U
trans-1,3-Dichloropropene	0.00018	0.00606	0.00018	1.02		U
Trichloroethene	0.00015	0.00606	0.00015	1.02		U
Trichlorofluoromethane	0.00010	0.00606	0.00010	1.02		U
Vinyl chloride	0.00016	0.00606	0.00016	1.02		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3542.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.89 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00606	0.00204	1.02		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	92	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	684871	685144 - 2740574	*
Chlorobenzene-d5	1390250	1005325 - 4021300	
Fluorobenzene	3974201	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5') RA	**Lab Sample ID:**	0706165-008ARA	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3599.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.66 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00017	0.00635	0.00290	1.07		FJQ
1,1,1,2-Tetrachloroethane	0.00020	0.00381	0.00020	1.07		UJQ
1,1,1-Trichloroethane	0.00018	0.00635	0.00018	1.07		UJ
1,1,2,2-Tetrachloroethane	0.00018	0.00381	0.00018	1.07		UJQ
1,1,2-Trichloroethane	0.00032	0.00635	0.00032	1.07		UJQ
1,1-Dichloroethane	0.00010	0.00635	0.00010	1.07		UJ
1,1-Dichloroethene	0.00019	0.00762	0.00019	1.07		UJ
1,1-Dichloropropene	0.00024	0.00635	0.00024	1.07		UJ
1,2,3-Trichlorobenzene	0.00052	0.00635	0.00052	1.07		UJQ
1,2,3-Trichloropropane	0.00029	0.00635	0.00029	1.07		UJQ
1,2,4-Trichlorobenzene	0.00042	0.00635	0.00042	1.07		UJQ
1,2,4-Trimethylbenzene	0.00008	0.00762	0.00524	1.07		FJQ
1,2-Dibromo-3-chloropropane	0.00039	0.0127	0.00039	1.07		UJQ
1,2-Dibromoethane	0.00010	0.00635	0.00010	1.07		UJQ
1,2-Dichlorobenzene	0.00008	0.00635	0.00008	1.07		UJQ
1,2-Dichloroethane	0.00014	0.00381	0.00014	1.07		UJ
1,2-Dichloropropane	0.00028	0.00635	0.00028	1.07		UJ
1,3,5-Trimethylbenzene	0.00010	0.00635	0.00211	1.07		FJQ
1,3-Dichlorobenzene	0.00014	0.00762	0.00014	1.07		UJQ
1,3-Dichloropropane	0.00011	0.00318	0.00011	1.07		UJ
1,4-Dichlorobenzene	0.00008	0.00318	0.00780	1.07		JQ
1-Chlorohexane	0.00020	0.00635	0.00020	1.07		UJ
2,2-Dichloropropane	0.00017	0.00635	0.00017	1.07		UJ
2-Butanone	0.00053	0.0254	0.00053	1.07		UJ
2-Chlorotoluene	0.00005	0.00635	0.00005	1.07		UJQ
4-Chlorotoluene	0.00009	0.00635	0.00009	1.07		UJQ
4-Methyl-2-pentanone	0.00041	0.0254	0.00041	1.07		UJ
Acetone	0.00038	0.0635	0.00374	1.07		FJ
Benzene	0.00006	0.00318	0.00113	1.07		FJ
Bromobenzene	0.00019	0.00635	0.00019	1.07		UJQ
Bromochloromethane	0.00025	0.00635	0.00025	1.07		UJQ
Bromodichloromethane	0.00008	0.00318	0.00008	1.07		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5') RA	**Lab Sample ID:**	0706165-008ARA	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3599.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.66 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00022	0.00762	0.00022	1.07		UJQ
Bromomethane	0.00017	0.0127	0.00017	1.07		UJ
Carbon tetrachloride	0.00015	0.00635	0.00015	1.07		UJ
Chlorobenzene	0.00009	0.00318	0.0179	1.07		JQ
Chloroethane	0.00032	0.00635	0.00032	1.07		UJQ
Chloroform	0.00009	0.00318	0.00009	1.07		UJ
Chloromethane	0.00039	0.00635	0.00039	1.07		UJQ
cis-1,2-Dichloroethene	0.00020	0.00635	0.00174	1.07		FJ
cis-1,3-Dichloropropene	0.00011	0.00381	0.00011	1.07		UJ
Dibromochloromethane	0.00009	0.00381	0.00009	1.07		UJQ
Dibromomethane	0.00015	0.00635	0.00015	1.07		UJQ
Dichlorodifluoromethane	0.00010	0.00635	0.00010	1.07		UJQ
Ethylbenzene	0.00017	0.00635	0.000839	1.07		FJ
Hexachlorobutadiene	0.00048	0.00381	0.00048	1.07		UJQ
Isopropylbenzene	0.00006	0.00635	0.00006	1.07		UJQ
Methyl tert-butyl ether	0.00017	0.0254	0.00017	1.07		UJ
Methylene chloride	0.00076	0.00635	0.00290	1.07		FJ
n-Butylbenzene	0.00017	0.00635	0.00017	1.07		UJQ
n-Propylbenzene	0.00004	0.00635	0.000991	1.07		FJQ
Naphthalene	0.00027	0.00635	0.00281	1.07		FJQB
o-Xylene	0.00022	0.00635	0.00133	1.07		FJQ
p-Isopropyltoluene	0.00022	0.00762	0.00022	1.07		UJQ
sec-Butylbenzene	0.00006	0.00635	0.00149	1.07		FJQ
Styrene	0.00015	0.00635	0.00015	1.07		UJQ
tert-Butylbenzene	0.00010	0.00635	0.00010	1.07		UJQ
Tetrachloroethene	0.00014	0.00635	0.00014	1.07		UJQ
Toluene	0.00006	0.00635	0.00139	1.07		FJQ
trans-1,2-Dichloroethene	0.00015	0.00635	0.00015	1.07		UJ
trans-1,3-Dichloropropene	0.00019	0.00635	0.00019	1.07		UJQ
Trichloroethene	0.00015	0.00635	0.00015	1.07		UJQ
Trichlorofluoromethane	0.00010	0.00635	0.00010	1.07		UJQ
Vinyl chloride	0.00017	0.00635	0.00017	1.07		UJQ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5') RA	**Lab Sample ID:**	0706165-008ARA	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3599.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.66 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00038	0.00635	0.00423	1.07		FJQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	83	84 - 118	*
Dibromofluoromethane	94	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	571021	685144 - 2740574	*
Chlorobenzene-d5	1202472	1005325 - 4021300	
Fluorobenzene	3375728	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008AMS	**Matrix:**	Solid
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3536.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.38 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00013	0.00500	0.105	0.93		
1,1,1,2-Tetrachloroethane	0.00016	0.00300	0.0486	0.93		
1,1,1-Trichloroethane	0.00014	0.00500	0.0519	0.93		
1,1,2,2-Tetrachloroethane	0.00014	0.00300	0.0597	0.93		
1,1,2-Trichloroethane	0.00025	0.00500	0.0473	0.93		
1,1-Dichloroethane	0.00008	0.00500	0.0537	0.93		
1,1-Dichloroethene	0.00015	0.00600	0.0539	0.93		
1,1-Dichloropropene	0.00019	0.00500	0.0526	0.93		
1,2,3-Trichlorobenzene	0.00041	0.00500	0.0623	0.93		Q
1,2,3-Trichloropropane	0.00023	0.00500	0.0567	0.93		
1,2,4-Trichlorobenzene	0.00033	0.00500	0.0598	0.93		Q
1,2,4-Trimethylbenzene	0.00006	0.00600	0.0604	0.93		
1,2-Dibromo-3-chloropropane	0.00031	0.0100	0.0744	0.93		Q
1,2-Dibromoethane	0.00008	0.00500	0.0431	0.93		
1,2-Dichlorobenzene	0.00006	0.00500	0.0557	0.93		
1,2-Dichloroethane	0.00011	0.00300	0.0491	0.93		
1,2-Dichloropropane	0.00022	0.00500	0.0515	0.93		
1,3,5-Trimethylbenzene	0.00008	0.00500	0.0594	0.93		
1,3-Dichlorobenzene	0.00011	0.00600	0.0534	0.93		
1,3-Dichloropropane	0.00009	0.00250	0.0524	0.93		
1,4-Dichlorobenzene	0.00006	0.00250	0.0574	0.93		
1-Chlorohexane	0.00016	0.00500	0.0545	0.93		
2,2-Dichloropropane	0.00013	0.00500	0.0536	0.93		
2-Butanone	0.00042	0.0200	0.112	0.93		
2-Chlorotoluene	0.00004	0.00500	0.0592	0.93		
4-Chlorotoluene	0.00007	0.00500	0.0589	0.93		
4-Methyl-2-pentanone	0.00032	0.0200	0.0907	0.93		
Acetone	0.00030	0.0500	0.109	0.93		
Benzene	0.00005	0.00250	0.0555	0.93		
Bromobenzene	0.00015	0.00500	0.0537	0.93		
Bromochloromethane	0.00020	0.00500	0.0508	0.93		
Bromodichloromethane	0.00006	0.00250	0.0474	0.93		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008AMS	**Matrix:**	Solid
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3536.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.38 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00017	0.00600	0.0478	0.93		
Bromomethane	0.00013	0.0100	0.0547	0.93		
Carbon tetrachloride	0.00012	0.00500	0.0545	0.93		
Chlorobenzene	0.00007	0.00250	0.0668	0.93		
Chloroethane	0.00025	0.00500	0.0647	0.93		Q
Chloroform	0.00007	0.00250	0.0521	0.93		
Chloromethane	0.00031	0.00500	0.0541	0.93		
cis-1,2-Dichloroethene	0.00016	0.00500	0.0555	0.93		
cis-1,3-Dichloropropene	0.00009	0.00300	0.0464	0.93		
Dibromochloromethane	0.00007	0.00300	0.0460	0.93		
Dibromomethane	0.00012	0.00500	0.0490	0.93		
Dichlorodifluoromethane	0.00008	0.00500	0.0664	0.93		
Ethylbenzene	0.00013	0.00500	0.0541	0.93		
Hexachlorobutadiene	0.00038	0.00300	0.0535	0.93		
Isopropylbenzene	0.00005	0.00500	0.0626	0.93		
Methyl tert-butyl ether	0.00013	0.0200	0.0517	0.93		
Methylene chloride	0.00060	0.00500	0.0518	0.93		
n-Butylbenzene	0.00013	0.00500	0.0550	0.93		
n-Propylbenzene	0.00003	0.00500	0.0622	0.93		
Naphthalene	0.00021	0.00500	0.0813	0.93		MQ
o-Xylene	0.00017	0.00500	0.0531	0.93		
p-Isopropyltoluene	0.00017	0.00600	0.0563	0.93		
sec-Butylbenzene	0.00005	0.00500	0.0613	0.93		
Styrene	0.00012	0.00500	0.0481	0.93		
tert-Butylbenzene	0.00008	0.00500	0.0583	0.93		
Tetrachloroethene	0.00011	0.00500	0.0501	0.93		
Toluene	0.00005	0.00500	0.0454	0.93		
trans-1,2-Dichloroethene	0.00012	0.00500	0.0536	0.93		
trans-1,3-Dichloropropene	0.00015	0.00500	0.0445	0.93		
Trichloroethene	0.00012	0.00500	0.0509	0.93		
Trichlorofluoromethane	0.00008	0.00500	0.0597	0.93		
Vinyl chloride	0.00013	0.00500	0.0617	0.93		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008AMS	**Matrix:**	Solid
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3536.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.38 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00030	0.00500	0.158	0.93		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	92	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	931847	685144 - 2740574	
Chlorobenzene-d5	1652693	1005325 - 4021300	
Fluorobenzene	4969154	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008AMSD	**Matrix:**	Solid
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3537.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.39 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00013	0.00500	0.110	0.93		
1,1,1,2-Tetrachloroethane	0.00016	0.00300	0.0505	0.93		
1,1,1-Trichloroethane	0.00014	0.00500	0.0572	0.93		
1,1,2,2-Tetrachloroethane	0.00014	0.00300	0.0636	0.93		
1,1,2-Trichloroethane	0.00025	0.00500	0.0532	0.93		
1,1-Dichloroethane	0.00008	0.00500	0.0585	0.93		
1,1-Dichloroethene	0.00015	0.00600	0.0572	0.93		
1,1-Dichloropropene	0.00019	0.00500	0.0577	0.93		
1,2,3-Trichlorobenzene	0.00041	0.00500	0.0672	0.93		Q
1,2,3-Trichloropropane	0.00023	0.00500	0.0601	0.93		
1,2,4-Trichlorobenzene	0.00033	0.00500	0.0638	0.93		Q
1,2,4-Trimethylbenzene	0.00006	0.00600	0.0657	0.93		
1,2-Dibromo-3-chloropropane	0.00031	0.0100	0.0788	0.93		MQ
1,2-Dibromoethane	0.00008	0.00500	0.0472	0.93		
1,2-Dichlorobenzene	0.00006	0.00500	0.0579	0.93		
1,2-Dichloroethane	0.00011	0.00300	0.0545	0.93		
1,2-Dichloropropane	0.00022	0.00500	0.0569	0.93		
1,3,5-Trimethylbenzene	0.00008	0.00500	0.0642	0.93		
1,3-Dichlorobenzene	0.00011	0.00600	0.0552	0.93		
1,3-Dichloropropane	0.00009	0.00250	0.0547	0.93		
1,4-Dichlorobenzene	0.00006	0.00250	0.0595	0.93		
1-Chlorohexane	0.00016	0.00500	0.0571	0.93		
2,2-Dichloropropane	0.00013	0.00500	0.0588	0.93		
2-Butanone	0.00042	0.0200	0.118	0.93		
2-Chlorotoluene	0.00004	0.00500	0.0623	0.93		
4-Chlorotoluene	0.00007	0.00500	0.0611	0.93		
4-Methyl-2-pentanone	0.00032	0.0200	0.0935	0.93		
Acetone	0.00030	0.0500	0.111	0.93		
Benzene	0.00005	0.00250	0.0592	0.93		
Bromobenzene	0.00015	0.00500	0.0562	0.93		
Bromochloromethane	0.00020	0.00500	0.0507	0.93		
Bromodichloromethane	0.00006	0.00250	0.0506	0.93		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008AMSD	**Matrix:**	Solid
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3537.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.39 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00017	0.00600	0.0490	0.93		
Bromomethane	0.00013	0.0100	0.0543	0.93		
Carbon tetrachloride	0.00012	0.00500	0.0576	0.93		
Chlorobenzene	0.00007	0.00250	0.0710	0.93		
Chloroethane	0.00025	0.00500	0.0625	0.93		Q
Chloroform	0.00007	0.00250	0.0565	0.93		
Chloromethane	0.00031	0.00500	0.0549	0.93		
cis-1,2-Dichloroethene	0.00016	0.00500	0.0584	0.93		
cis-1,3-Dichloropropene	0.00009	0.00300	0.0509	0.93		
Dibromochloromethane	0.00007	0.00300	0.0471	0.93		
Dibromomethane	0.00012	0.00500	0.0516	0.93		
Dichlorodifluoromethane	0.00008	0.00500	0.0646	0.93		
Ethylbenzene	0.00013	0.00500	0.0570	0.93		
Hexachlorobutadiene	0.00038	0.00300	0.0564	0.93		
Isopropylbenzene	0.00005	0.00500	0.0668	0.93		
Methyl tert-butyl ether	0.00013	0.0200	0.0558	0.93		
Methylene chloride	0.00060	0.00500	0.0546	0.93		
n-Butylbenzene	0.00013	0.00500	0.0588	0.93		
n-Propylbenzene	0.00003	0.00500	0.0663	0.93		
Naphthalene	0.00021	0.00500	0.0869	0.93		MQ
o-Xylene	0.00017	0.00500	0.0557	0.93		
p-Isopropyltoluene	0.00017	0.00600	0.0610	0.93		
sec-Butylbenzene	0.00005	0.00500	0.0660	0.93		
Styrene	0.00012	0.00500	0.0495	0.93		
tert-Butylbenzene	0.00008	0.00500	0.0633	0.93		
Tetrachloroethene	0.00011	0.00500	0.0515	0.93		
Toluene	0.00005	0.00500	0.0509	0.93		
trans-1,2-Dichloroethene	0.00012	0.00500	0.0573	0.93		
trans-1,3-Dichloropropene	0.00015	0.00500	0.0488	0.93		
Trichloroethene	0.00012	0.00500	0.0538	0.93		
Trichlorofluoromethane	0.00008	0.00500	0.0541	0.93		
Vinyl chloride	0.00013	0.00500	0.0619	0.93		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB23-2 (15.5')	**Lab Sample ID:**	0706165-008AMSD	**Matrix:**	Solid
% Solids:	84.20	**Initial Calibration ID:**	990	**File ID:**	J3537.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.39 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00030	0.00500	0.165	0.93		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	52 - 149	
4-Bromofluorobenzene	88	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	974185	685144 - 2740574	
Chlorobenzene-d5	1772552	1005325 - 4021300	
Fluorobenzene	4985460	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1 (12.5')	**Lab Sample ID:**	0706165-009B	**Matrix:**	Soil
% Solids:	86.50	**Initial Calibration ID:**	992	**File ID:**	M1370.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.120	4.62	0.120	8		U
1,1,1,2-Tetrachloroethane	0.148	2.77	0.148	8		U
1,1,1-Trichloroethane	0.129	4.62	0.129	8		U
1,1,2,2-Tetrachloroethane	0.129	2.77	0.129	8		U
1,1,2-Trichloroethane	0.231	4.62	0.231	8		U
1,1-Dichloroethane	0.0740	4.62	0.0740	8		U
1,1-Dichloroethene	0.139	5.55	0.139	8		U
1,1-Dichloropropene	0.176	4.62	0.176	8		U
1,2,3-Trichlorobenzene	0.379	4.62	0.379	8		U
1,2,3-Trichloropropane	0.213	4.62	0.213	8		U
1,2,4-Trichlorobenzene	0.305	4.62	0.305	8		U
1,2,4-Trimethylbenzene	0.0555	5.55	18.0	8		
1,2-Dibromo-3-chloropropane	0.287	9.25	0.287	8		U
1,2-Dibromoethane	0.0740	4.62	0.0740	8		U
1,2-Dichlorobenzene	0.0555	4.62	0.0555	8		U
1,2-Dichloroethane	0.102	2.77	0.102	8		U
1,2-Dichloropropane	0.203	4.62	0.203	8		U
1,3,5-Trimethylbenzene	0.0740	4.62	10.0	8		
1,3-Dichlorobenzene	0.102	5.55	0.102	8		U
1,3-Dichloropropane	0.0832	2.31	0.0832	8		U
1,4-Dichlorobenzene	0.0555	2.31	0.0555	8		U
1-Chlorohexane	0.148	4.62	0.148	8		U
2,2-Dichloropropane	0.120	4.62	0.120	8		U
2-Butanone	0.388	18.5	0.388	8		U
2-Chlorotoluene	0.0370	4.62	0.0370	8		U
4-Chlorotoluene	0.0647	4.62	0.0647	8		U
4-Methyl-2-pentanone	0.296	18.5	0.296	8		U
Acetone	0.277	46.2	0.277	8		U
Benzene	0.0462	2.31	0.0462	8		U
Bromobenzene	0.139	4.62	0.139	8		U
Bromochloromethane	0.185	4.62	0.185	8		U
Bromodichloromethane	0.0555	2.31	0.0555	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1 (12.5')	**Lab Sample ID:**	0706165-009B	**Matrix:**	Soil
% Solids:	86.50	**Initial Calibration ID:**	992	**File ID:**	M1370.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.157	5.55	0.157	8		U
Bromomethane	0.120	9.25	0.120	8		U
Carbon tetrachloride	0.111	4.62	0.111	8		U
Chlorobenzene	0.0647	2.31	0.0647	8		U
Chloroethane	0.231	4.62	0.231	8		U
Chloroform	0.0647	2.31	0.0647	8		U
Chloromethane	0.287	4.62	0.287	8		U
cis-1,2-Dichloroethene	0.148	4.62	0.148	8		U
cis-1,3-Dichloropropene	0.0832	2.77	0.0832	8		U
Dibromochloromethane	0.0647	2.77	0.0647	8		U
Dibromomethane	0.111	4.62	0.111	8		U
Dichlorodifluoromethane	0.0740	4.62	0.0740	8		U
Ethylbenzene	0.120	4.62	0.120	8		U
Hexachlorobutadiene	0.351	2.77	0.351	8		U
Isopropylbenzene	0.0462	4.62	0.0462	8		U
Methyl tert-butyl ether	0.120	18.5	0.120	8		U
Methylene chloride	0.555	4.62	1.16	8		F
n-Butylbenzene	0.120	4.62	0.120	8		U
n-Propylbenzene	0.0277	4.62	1.48	8		F
Naphthalene	0.194	4.62	0.194	8		U
o-Xylene	0.157	4.62	0.157	8		U
p-Isopropyltoluene	0.157	5.55	3.79	8		F
sec-Butylbenzene	0.0462	4.62	4.07	8		F
Styrene	0.111	4.62	0.111	8		U
tert-Butylbenzene	0.0740	4.62	0.0740	8		U
Tetrachloroethene	0.102	4.62	0.102	8		U
Toluene	0.0462	4.62	0.0462	8		U
trans-1,2-Dichloroethene	0.111	4.62	0.111	8		U
trans-1,3-Dichloropropene	0.139	4.62	0.139	8		U
Trichloroethene	0.111	4.62	0.111	8		U
Trichlorofluoromethane	0.0740	4.62	0.0740	8		U
Vinyl chloride	0.120	4.62	0.120	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1 (12.5')	**Lab Sample ID:**	0706165-009B	**Matrix:**	Soil
% Solids:	86.50	**Initial Calibration ID:**	992	**File ID:**	M1370.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.277	9.25	0.277	8		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	89	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2548334	1128046 - 4512186	
Chlorobenzene-d5	3210091	1392345 - 5569380	
Fluorobenzene	5704669	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1/D (12.5')	**Lab Sample ID:**	0706165-010B	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	992	**File ID:**	M1371.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.120	4.63	0.120	8		U
1,1,1,2-Tetrachloroethane	0.148	2.78	0.148	8		U
1,1,1-Trichloroethane	0.130	4.63	0.130	8		U
1,1,2,2-Tetrachloroethane	0.130	2.78	0.130	8		U
1,1,2-Trichloroethane	0.231	4.63	0.231	8		U
1,1-Dichloroethane	0.0741	4.63	0.0741	8		U
1,1-Dichloroethene	0.139	5.56	0.139	8		U
1,1-Dichloropropene	0.176	4.63	0.176	8		U
1,2,3-Trichlorobenzene	0.380	4.63	0.380	8		U
1,2,3-Trichloropropane	0.213	4.63	0.213	8		U
1,2,4-Trichlorobenzene	0.306	4.63	0.306	8		U
1,2,4-Trimethylbenzene	0.0556	5.56	7.50	8		J
1,2-Dibromo-3-chloropropane	0.287	9.26	0.287	8		U
1,2-Dibromoethane	0.0741	4.63	0.0741	8		U
1,2-Dichlorobenzene	0.0556	4.63	0.0556	8		U
1,2-Dichloroethane	0.102	2.78	0.102	8		U
1,2-Dichloropropane	0.204	4.63	0.204	8		U
1,3,5-Trimethylbenzene	0.0741	4.63	3.89	8		FJ
1,3-Dichlorobenzene	0.102	5.56	0.102	8		U
1,3-Dichloropropane	0.0833	2.31	0.0833	8		U
1,4-Dichlorobenzene	0.0556	2.31	0.0556	8		U
1-Chlorohexane	0.148	4.63	0.148	8		U
2,2-Dichloropropane	0.120	4.63	0.120	8		U
2-Butanone	0.389	18.5	0.389	8		U
2-Chlorotoluene	0.0370	4.63	0.0370	8		U
4-Chlorotoluene	0.0648	4.63	0.0648	8		U
4-Methyl-2-pentanone	0.296	18.5	0.296	8		U
Acetone	0.278	46.3	0.278	8		U
Benzene	0.0463	2.31	0.0463	8		U
Bromobenzene	0.139	4.63	0.139	8		U
Bromochloromethane	0.185	4.63	0.185	8		U
Bromodichloromethane	0.0556	2.31	0.0556	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1/D (12.5')	**Lab Sample ID:**	0706165-010B	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	992	**File ID:**	M1371.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.157	5.56	0.157	8		U
Bromomethane	0.120	9.26	0.120	8		U
Carbon tetrachloride	0.111	4.63	0.111	8		U
Chlorobenzene	0.0648	2.31	0.0648	8		U
Chloroethane	0.231	4.63	0.231	8		U
Chloroform	0.0648	2.31	0.0648	8		U
Chloromethane	0.287	4.63	0.287	8		U
cis-1,2-Dichloroethene	0.148	4.63	0.148	8		U
cis-1,3-Dichloropropene	0.0833	2.78	0.0833	8		U
Dibromochloromethane	0.0648	2.78	0.0648	8		U
Dibromomethane	0.111	4.63	0.111	8		U
Dichlorodifluoromethane	0.0741	4.63	0.0741	8		U
Ethylbenzene	0.120	4.63	0.120	8		U
Hexachlorobutadiene	0.352	2.78	0.352	8		U
Isopropylbenzene	0.0463	4.63	0.0463	8		U
Methyl tert-butyl ether	0.120	18.5	0.120	8		U
Methylene chloride	0.556	4.63	1.20	8		FJ
n-Butylbenzene	0.120	4.63	0.120	8		U
n-Propylbenzene	0.0278	4.63	1.34	8		FJ
Naphthalene	0.194	4.63	0.194	8		U
o-Xylene	0.157	4.63	0.157	8		U
p-Isopropyltoluene	0.157	5.56	2.04	8		FJ
sec-Butylbenzene	0.0463	4.63	4.49	8		FJ
Styrene	0.111	4.63	0.111	8		U
tert-Butylbenzene	0.0741	4.63	0.0741	8		U
Tetrachloroethene	0.102	4.63	0.102	8		U
Toluene	0.0463	4.63	0.0463	8		U
trans-1,2-Dichloroethene	0.111	4.63	0.111	8		U
trans-1,3-Dichloropropene	0.139	4.63	0.139	8		U
Trichloroethene	0.111	4.63	0.111	8		U
Trichlorofluoromethane	0.0741	4.63	0.0741	8		U
Vinyl chloride	0.120	4.63	0.120	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1/D (12.5')	**Lab Sample ID:**	0706165-010B	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	992	**File ID:**	M1371.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.278	9.26	0.278	8		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	146	84 - 118	*
Dibromofluoromethane	87	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2551801	1128046 - 4512186	
Chlorobenzene-d5	2993112	1392345 - 5569380	
Fluorobenzene	5619528	2298515 - 9194060	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1/D (12.5') DL	**Lab Sample ID:**	0706165-010BDL	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	992	**File ID:**	M1421.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.481	18.5	0.481	32		U
1,1,1,2-Tetrachloroethane	0.593	11.1	0.593	32		U
1,1,1-Trichloroethane	0.519	18.5	0.519	32		U
1,1,2,2-Tetrachloroethane	0.519	11.1	0.519	32		U
1,1,2-Trichloroethane	0.926	18.5	0.926	32		U
1,1-Dichloroethane	0.296	18.5	0.296	32		U
1,1-Dichloroethene	0.556	22.2	0.556	32		U
1,1-Dichloropropene	0.704	18.5	0.704	32		U
1,2,3-Trichlorobenzene	1.52	18.5	1.52	32		U
1,2,3-Trichloropropane	0.852	18.5	0.852	32		U
1,2,4-Trichlorobenzene	1.22	18.5	1.22	32		U
1,2,4-Trimethylbenzene	0.222	22.2	8.33	32		FJ
1,2-Dibromo-3-chloropropane	1.15	37.0	1.15	32		U
1,2-Dibromoethane	0.296	18.5	0.296	32		U
1,2-Dichlorobenzene	0.222	18.5	0.222	32		U
1,2-Dichloroethane	0.407	11.1	0.407	32		U
1,2-Dichloropropane	0.815	18.5	0.815	32		U
1,3,5-Trimethylbenzene	0.296	18.5	3.70	32		FJ
1,3-Dichlorobenzene	0.407	22.2	0.407	32		U
1,3-Dichloropropane	0.333	9.26	0.333	32		U
1,4-Dichlorobenzene	0.222	9.26	0.222	32		U
1-Chlorohexane	0.593	18.5	0.593	32		U
2,2-Dichloropropane	0.481	18.5	0.481	32		U
2-Butanone	1.56	74.1	1.56	32		U
2-Chlorotoluene	0.148	18.5	0.148	32		U
4-Chlorotoluene	0.259	18.5	0.259	32		U
4-Methyl-2-pentanone	1.19	74.1	1.19	32		U
Acetone	1.11	185	1.11	32		U
Benzene	0.185	9.26	0.185	32		U
Bromobenzene	0.556	18.5	0.556	32		U
Bromochloromethane	0.741	18.5	0.741	32		U
Bromodichloromethane	0.222	9.26	0.222	32		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1/D (12.5') DL	**Lab Sample ID:**	0706165-010BDL	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	992	**File ID:**	M1421.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.630	22.2	0.630	32		U
Bromomethane	0.481	37.0	0.481	32		U
Carbon tetrachloride	0.444	18.5	0.444	32		U
Chlorobenzene	0.259	9.26	0.259	32		U
Chloroethane	0.926	18.5	0.926	32		U
Chloroform	0.259	9.26	0.259	32		U
Chloromethane	1.15	18.5	1.15	32		U
cis-1,2-Dichloroethene	0.593	18.5	0.593	32		U
cis-1,3-Dichloropropene	0.333	11.1	0.333	32		U
Dibromochloromethane	0.259	11.1	0.259	32		U
Dibromomethane	0.444	18.5	0.444	32		U
Dichlorodifluoromethane	0.296	18.5	0.296	32		UQ
Ethylbenzene	0.481	18.5	0.481	32		U
Hexachlorobutadiene	1.41	11.1	1.41	32		U
Isopropylbenzene	0.185	18.5	0.185	32		U
Methyl tert-butyl ether	0.481	74.1	0.481	32		U
Methylene chloride	2.22	18.5	5.74	32		FJ
n-Butylbenzene	0.481	18.5	0.481	32		U
n-Propylbenzene	0.111	18.5	1.85	32		FJQ
Naphthalene	0.778	18.5	0.778	32		U
o-Xylene	0.630	18.5	0.630	32		U
p-Isopropyltoluene	0.630	22.2	2.41	32		FJ
sec-Butylbenzene	0.185	18.5	5.19	32		FJ
Styrene	0.444	18.5	0.444	32		U
tert-Butylbenzene	0.296	18.5	0.296	32		U
Tetrachloroethene	0.407	18.5	0.407	32		U
Toluene	0.185	18.5	0.185	32		U
trans-1,2-Dichloroethene	0.444	18.5	0.444	32		U
trans-1,3-Dichloropropene	0.556	18.5	0.556	32		U
Trichloroethene	0.444	18.5	0.444	32		U
Trichlorofluoromethane	0.296	18.5	0.296	32		U
Vinyl chloride	0.481	18.5	0.481	32		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-1/D (12.5') DL	**Lab Sample ID:**	0706165-010BDL	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	992	**File ID:**	M1421.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	1.11	37.0	1.11	32		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	141	84 - 118	*
Dibromofluoromethane	83	65 - 135	
Toluene-d8	86	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2461099	1128046 - 4512186	
Chlorobenzene-d5	3147194	1392345 - 5569380	
Fluorobenzene	5689334	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-2 (15.5')	**Lab Sample ID:**	0706165-011A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3543.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.02 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00596	0.00106	1		F
1,1,1,2-Tetrachloroethane	0.00019	0.00358	0.00019	1		U
1,1,1-Trichloroethane	0.00017	0.00596	0.00017	1		U
1,1,2,2-Tetrachloroethane	0.00017	0.00358	0.00017	1		UQ
1,1,2-Trichloroethane	0.00030	0.00596	0.00030	1		U
1,1-Dichloroethane	0.00010	0.00596	0.00010	1		U
1,1-Dichloroethene	0.00018	0.00715	0.00018	1		U
1,1-Dichloropropene	0.00023	0.00596	0.00023	1		U
1,2,3-Trichlorobenzene	0.00049	0.00596	0.00049	1		UQ
1,2,3-Trichloropropane	0.00027	0.00596	0.00027	1		UQ
1,2,4-Trichlorobenzene	0.00039	0.00596	0.00039	1		UQ
1,2,4-Trimethylbenzene	0.00007	0.00715	0.00129	1		FQ
1,2-Dibromo-3-chloropropane	0.00037	0.0119	0.00037	1		UQ
1,2-Dibromoethane	0.00010	0.00596	0.00010	1		U
1,2-Dichlorobenzene	0.00007	0.00596	0.00007	1		UQ
1,2-Dichloroethane	0.00013	0.00358	0.00013	1		U
1,2-Dichloropropane	0.00026	0.00596	0.00026	1		U
1,3,5-Trimethylbenzene	0.00010	0.00596	0.00010	1		UQ
1,3-Dichlorobenzene	0.00013	0.00715	0.00013	1		UQ
1,3-Dichloropropane	0.00011	0.00298	0.00011	1		U
1,4-Dichlorobenzene	0.00007	0.00298	0.00007	1		UQ
1-Chlorohexane	0.00019	0.00596	0.00019	1		U
2,2-Dichloropropane	0.00015	0.00596	0.00015	1		U
2-Butanone	0.00050	0.0238	0.00050	1		U
2-Chlorotoluene	0.00005	0.00596	0.00005	1		UQ
4-Chlorotoluene	0.00008	0.00596	0.00008	1		UQ
4-Methyl-2-pentanone	0.00038	0.0238	0.00038	1		U
Acetone	0.00036	0.0596	0.00319	1		F
Benzene	0.00006	0.00298	0.00006	1		U
Bromobenzene	0.00018	0.00596	0.00018	1		UQ
Bromochloromethane	0.00024	0.00596	0.00024	1		U
Bromodichloromethane	0.00007	0.00298	0.00007	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-2 (15.5')	**Lab Sample ID:**	0706165-011A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3543.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.02 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00715	0.00020	1		U
Bromomethane	0.00015	0.0119	0.00015	1		U
Carbon tetrachloride	0.00014	0.00596	0.00014	1		U
Chlorobenzene	0.00008	0.00298	0.00137	1		F
Chloroethane	0.00030	0.00596	0.00030	1		UQ
Chloroform	0.00008	0.00298	0.00008	1		U
Chloromethane	0.00037	0.00596	0.00037	1		U
cis-1,2-Dichloroethene	0.00019	0.00596	0.00019	1		U
cis-1,3-Dichloropropene	0.00011	0.00358	0.00011	1		U
Dibromochloromethane	0.00008	0.00358	0.00008	1		U
Dibromomethane	0.00014	0.00596	0.00014	1		U
Dichlorodifluoromethane	0.00010	0.00596	0.00010	1		U
Ethylbenzene	0.00015	0.00596	0.00015	1		U
Hexachlorobutadiene	0.00045	0.00358	0.00045	1		UQ
Isopropylbenzene	0.00006	0.00596	0.00006	1		UQ
Methyl tert-butyl ether	0.00015	0.0238	0.00015	1		U
Methylene chloride	0.00072	0.00596	0.00265	1		F
n-Butylbenzene	0.00015	0.00596	0.00015	1		UQ
n-Propylbenzene	0.00004	0.00596	0.00004	1		UQ
Naphthalene	0.00025	0.00596	0.000608	1		FQ
o-Xylene	0.00020	0.00596	0.00020	1		U
p-Isopropyltoluene	0.00020	0.00715	0.00020	1		UQ
sec-Butylbenzene	0.00006	0.00596	0.00006	1		UQ
Styrene	0.00014	0.00596	0.00014	1		U
tert-Butylbenzene	0.00010	0.00596	0.00010	1		UQ
Tetrachloroethene	0.00013	0.00596	0.00013	1		U
Toluene	0.00006	0.00596	0.00006	1		U
trans-1,2-Dichloroethene	0.00014	0.00596	0.00014	1		U
trans-1,3-Dichloropropene	0.00018	0.00596	0.00018	1		U
Trichloroethene	0.00014	0.00596	0.00014	1		U
Trichlorofluoromethane	0.00010	0.00596	0.00010	1		U
Vinyl chloride	0.00015	0.00596	0.00015	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-2 (15.5')	**Lab Sample ID:**	0706165-011A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3543.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.02 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00596	0.00106	1		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	93	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	670938	685144 - 2740574	*
Chlorobenzene-d5	1358351	1005325 - 4021300	
Fluorobenzene	3925966	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-2 (15.5') RA	**Lab Sample ID:**	0706165-011ARA	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3600.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00590	0.00223	0.99		FJQ
1,1,1,2-Tetrachloroethane	0.00019	0.00354	0.00019	0.99		UJQ
1,1,1-Trichloroethane	0.00017	0.00590	0.00017	0.99		UJ
1,1,2,2-Tetrachloroethane	0.00017	0.00354	0.00017	0.99		UJQ
1,1,2-Trichloroethane	0.00029	0.00590	0.00029	0.99		UJQ
1,1-Dichloroethane	0.00009	0.00590	0.00009	0.99		UJ
1,1-Dichloroethene	0.00018	0.00708	0.00018	0.99		UJ
1,1-Dichloropropene	0.00022	0.00590	0.00022	0.99		UJ
1,2,3-Trichlorobenzene	0.00048	0.00590	0.00048	0.99		UJQ
1,2,3-Trichloropropane	0.00027	0.00590	0.00027	0.99		UJQ
1,2,4-Trichlorobenzene	0.00039	0.00590	0.00039	0.99		UJQ
1,2,4-Trimethylbenzene	0.00007	0.00708	0.00336	0.99		FJQ
1,2-Dibromo-3-chloropropane	0.00037	0.0118	0.00037	0.99		UJQ
1,2-Dibromoethane	0.00009	0.00590	0.00009	0.99		UJQ
1,2-Dichlorobenzene	0.00007	0.00590	0.00007	0.99		UJQ
1,2-Dichloroethane	0.00013	0.00354	0.00013	0.99		UJ
1,2-Dichloropropane	0.00026	0.00590	0.00026	0.99		UJ
1,3,5-Trimethylbenzene	0.00009	0.00590	0.00155	0.99		FJQ
1,3-Dichlorobenzene	0.00013	0.00708	0.00013	0.99		UJQ
1,3-Dichloropropane	0.00011	0.00295	0.00011	0.99		UJ
1,4-Dichlorobenzene	0.00007	0.00295	0.000991	0.99		FJQ
1-Chlorohexane	0.00019	0.00590	0.00019	0.99		UJ
2,2-Dichloropropane	0.00015	0.00590	0.00015	0.99		UJ
2-Butanone	0.00050	0.0236	0.00050	0.99		UJ
2-Chlorotoluene	0.00005	0.00590	0.00005	0.99		UJQ
4-Chlorotoluene	0.00008	0.00590	0.00008	0.99		UJQ
4-Methyl-2-pentanone	0.00038	0.0236	0.00038	0.99		UJ
Acetone	0.00035	0.0590	0.00380	0.99		FJ
Benzene	0.00006	0.00295	0.00006	0.99		UJ
Bromobenzene	0.00018	0.00590	0.00018	0.99		UJQ
Bromochloromethane	0.00024	0.00590	0.00024	0.99		UJQ
Bromodichloromethane	0.00007	0.00295	0.00007	0.99		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-2 (15.5') RA	**Lab Sample ID:**	0706165-011ARA	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3600.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00708	0.00020	0.99		UJQ
Bromomethane	0.00015	0.0118	0.00015	0.99		UJ
Carbon tetrachloride	0.00014	0.00590	0.00014	0.99		UJ
Chlorobenzene	0.00008	0.00295	0.00326	0.99		JQ
Chloroethane	0.00029	0.00590	0.00029	0.99		UJQ
Chloroform	0.00008	0.00295	0.00008	0.99		UJ
Chloromethane	0.00037	0.00590	0.00037	0.99		UJQ
cis-1,2-Dichloroethene	0.00019	0.00590	0.00019	0.99		UJ
cis-1,3-Dichloropropene	0.00011	0.00354	0.00011	0.99		UJ
Dibromochloromethane	0.00008	0.00354	0.00008	0.99		UJQ
Dibromomethane	0.00014	0.00590	0.00014	0.99		UJQ
Dichlorodifluoromethane	0.00009	0.00590	0.00009	0.99		UJQ
Ethylbenzene	0.00015	0.00590	0.000673	0.99		FJ
Hexachlorobutadiene	0.00045	0.00354	0.00045	0.99		UJQ
Isopropylbenzene	0.00006	0.00590	0.00006	0.99		UJQ
Methyl tert-butyl ether	0.00015	0.0236	0.00015	0.99		UJ
Methylene chloride	0.00071	0.00590	0.00260	0.99		FJ
n-Butylbenzene	0.00015	0.00590	0.00015	0.99		UJQ
n-Propylbenzene	0.00004	0.00590	0.000755	0.99		FJQ
Naphthalene	0.00025	0.00590	0.000802	0.99		FJQB
o-Xylene	0.00020	0.00590	0.000767	0.99		FJQ
p-Isopropyltoluene	0.00020	0.00708	0.00020	0.99		UJQ
sec-Butylbenzene	0.00006	0.00590	0.00006	0.99		UJQ
Styrene	0.00014	0.00590	0.00014	0.99		UJQ
tert-Butylbenzene	0.00009	0.00590	0.00009	0.99		UJQ
Tetrachloroethene	0.00013	0.00590	0.00013	0.99		UJQ
Toluene	0.00006	0.00590	0.00106	0.99		FJQ
trans-1,2-Dichloroethene	0.00014	0.00590	0.00014	0.99		UJ
trans-1,3-Dichloropropene	0.00018	0.00590	0.00018	0.99		UJQ
Trichloroethene	0.00014	0.00590	0.00014	0.99		UJQ
Trichlorofluoromethane	0.00009	0.00590	0.00009	0.99		UJQ
Vinyl chloride	0.00015	0.00590	0.00015	0.99		UJQ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB24-2 (15.5') RA	**Lab Sample ID:**	0706165-011ARA	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	990	**File ID:**	J3600.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00590	0.00300	0.99		FJQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	83	84 - 118	*
Dibromofluoromethane	95	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	536601	685144 - 2740574	*
Chlorobenzene-d5	1163491	1005325 - 4021300	
Fluorobenzene	3332741	2897598 - 11590392	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-1 (11.5')	**Lab Sample ID:**	0706165-012B	**Matrix:**	Soil
% Solids:	86.90	**Initial Calibration ID:**	992	**File ID:**	M1422.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.120	4.60	1.29	8		F
1,1,1,2-Tetrachloroethane	0.147	2.76	0.147	8		U
1,1,1-Trichloroethane	0.129	4.60	0.129	8		U
1,1,2,2-Tetrachloroethane	0.129	2.76	0.129	8		U
1,1,2-Trichloroethane	0.230	4.60	0.230	8		U
1,1-Dichloroethane	0.0736	4.60	0.0736	8		U
1,1-Dichloroethene	0.138	5.52	0.138	8		U
1,1-Dichloropropene	0.175	4.60	0.175	8		U
1,2,3-Trichlorobenzene	0.377	4.60	0.377	8		U
1,2,3-Trichloropropane	0.212	4.60	0.212	8		U
1,2,4-Trichlorobenzene	0.304	4.60	0.304	8		U
1,2,4-Trimethylbenzene	0.0552	5.52	26.8	8		
1,2-Dibromo-3-chloropropane	0.285	9.21	0.285	8		U
1,2-Dibromoethane	0.0736	4.60	0.0736	8		U
1,2-Dichlorobenzene	0.0552	4.60	1.43	8		F
1,2-Dichloroethane	0.101	2.76	0.101	8		U
1,2-Dichloropropane	0.203	4.60	0.203	8		U
1,3,5-Trimethylbenzene	0.0736	4.60	15.6	8		
1,3-Dichlorobenzene	0.101	5.52	0.736	8		F
1,3-Dichloropropane	0.0829	2.30	0.0829	8		U
1,4-Dichlorobenzene	0.0552	2.30	18.8	8		
1-Chlorohexane	0.147	4.60	0.147	8		U
2,2-Dichloropropane	0.120	4.60	0.120	8		U
2-Butanone	0.387	18.4	0.387	8		U
2-Chlorotoluene	0.0368	4.60	0.0368	8		U
4-Chlorotoluene	0.0644	4.60	0.0644	8		U
4-Methyl-2-pentanone	0.295	18.4	0.295	8		U
Acetone	0.276	46.0	0.276	8		U
Benzene	0.0460	2.30	0.0460	8		U
Bromobenzene	0.138	4.60	0.138	8		U
Bromochloromethane	0.184	4.60	0.184	8		U
Bromodichloromethane	0.0552	2.30	0.0552	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-1 (11.5')	**Lab Sample ID:**	0706165-012B	**Matrix:**	Soil
% Solids:	86.90	**Initial Calibration ID:**	992	**File ID:**	M1422.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.157	5.52	0.157	8		U
Bromomethane	0.120	9.21	0.120	8		U
Carbon tetrachloride	0.110	4.60	0.110	8		U
Chlorobenzene	0.0644	2.30	33.6	8		
Chloroethane	0.230	4.60	0.230	8		U
Chloroform	0.0644	2.30	0.0644	8		U
Chloromethane	0.285	4.60	0.285	8		U
cis-1,2-Dichloroethene	0.147	4.60	0.147	8		U
cis-1,3-Dichloropropene	0.0829	2.76	0.0829	8		U
Dibromochloromethane	0.0644	2.76	0.0644	8		U
Dibromomethane	0.110	4.60	0.110	8		U
Dichlorodifluoromethane	0.0736	4.60	0.0736	8		UQ
Ethylbenzene	0.120	4.60	0.120	8		U
Hexachlorobutadiene	0.350	2.76	0.350	8		U
Isopropylbenzene	0.0460	4.60	0.644	8		F
Methyl tert-butyl ether	0.120	18.4	0.120	8		U
Methylene chloride	0.552	4.60	1.43	8		F
n-Butylbenzene	0.120	4.60	0.120	8		U
n-Propylbenzene	0.0276	4.60	1.57	8		FQ
Naphthalene	0.193	4.60	0.193	8		U
o-Xylene	0.157	4.60	1.70	8		F
p-Isopropyltoluene	0.157	5.52	1.75	8		F
sec-Butylbenzene	0.0460	4.60	1.89	8		F
Styrene	0.110	4.60	0.110	8		U
tert-Butylbenzene	0.0736	4.60	0.0736	8		U
Tetrachloroethene	0.101	4.60	0.101	8		U
Toluene	0.0460	4.60	0.0460	8		U
trans-1,2-Dichloroethene	0.110	4.60	0.110	8		U
trans-1,3-Dichloropropene	0.138	4.60	0.138	8		U
Trichloroethene	0.110	4.60	0.110	8		U
Trichlorofluoromethane	0.0736	4.60	0.0736	8		U
Vinyl chloride	0.120	4.60	0.120	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-1 (11.5')	**Lab Sample ID:**	0706165-012B	**Matrix:**	Soil
% Solids:	86.90	**Initial Calibration ID:**	992	**File ID:**	M1422.D
Date Received:	27-Jun-07	**Date Extracted:**	05-Jul-07	**Date Analyzed:**	09-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.276	9.21	2.99	8		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	86	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	74	65 - 135	
Toluene-d8	84	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2400307	1128046 - 4512186	
Chlorobenzene-d5	3103907	1392345 - 5569380	
Fluorobenzene	5677030	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-2 (16.5')	**Lab Sample ID:**	0706165-013A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3545.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00594	0.00214	0.99		FJ
1,1,1,2-Tetrachloroethane	0.00019	0.00356	0.00019	0.99		UJ
1,1,1-Trichloroethane	0.00017	0.00594	0.00017	0.99		UJ
1,1,2,2-Tetrachloroethane	0.00017	0.00356	0.00017	0.99		UJQ
1,1,2-Trichloroethane	0.00030	0.00594	0.00030	0.99		UJ
1,1-Dichloroethane	0.00009	0.00594	0.00009	0.99		UJ
1,1-Dichloroethene	0.00018	0.00712	0.00018	0.99		UJ
1,1-Dichloropropene	0.00023	0.00594	0.00023	0.99		UJ
1,2,3-Trichlorobenzene	0.00049	0.00594	0.00049	0.99		UJQ
1,2,3-Trichloropropane	0.00027	0.00594	0.00027	0.99		UJQ
1,2,4-Trichlorobenzene	0.00039	0.00594	0.000867	0.99		FJQ
1,2,4-Trimethylbenzene	0.00007	0.00712	0.0922	0.99		JQ
1,2-Dibromo-3-chloropropane	0.00037	0.0119	0.00037	0.99		UJQ
1,2-Dibromoethane	0.00009	0.00594	0.00009	0.99		UJ
1,2-Dichlorobenzene	0.00007	0.00594	0.00945	0.99		JQ
1,2-Dichloroethane	0.00013	0.00356	0.00013	0.99		UJ
1,2-Dichloropropane	0.00026	0.00594	0.00026	0.99		UJ
1,3,5-Trimethylbenzene	0.00009	0.00594	0.0197	0.99		JQ
1,3-Dichlorobenzene	0.00013	0.00712	0.00317	0.99		FJQ
1,3-Dichloropropane	0.00011	0.00297	0.00011	0.99		UJ
1,4-Dichlorobenzene	0.00007	0.00297	0.0602	0.99		JQ
1-Chlorohexane	0.00019	0.00594	0.00019	0.99		UJ
2,2-Dichloropropane	0.00015	0.00594	0.00015	0.99		UJ
2-Butanone	0.00050	0.0237	0.00050	0.99		UJ
2-Chlorotoluene	0.00005	0.00594	0.00005	0.99		UJQ
4-Chlorotoluene	0.00008	0.00594	0.00008	0.99		UJQ
4-Methyl-2-pentanone	0.00038	0.0237	0.00038	0.99		UJ
Acetone	0.00036	0.0594	0.00478	0.99		FJ
Benzene	0.00006	0.00297	0.00006	0.99		UJ
Bromobenzene	0.00018	0.00594	0.00018	0.99		UJQ
Bromochloromethane	0.00024	0.00594	0.00024	0.99		UJ
Bromodichloromethane	0.00007	0.00297	0.00007	0.99		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-2 (16.5')	**Lab Sample ID:**	0706165-013A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3545.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00712	0.00020	0.99		UJ
Bromomethane	0.00015	0.0119	0.00015	0.99		UJ
Carbon tetrachloride	0.00014	0.00594	0.00014	0.99		UJ
Chlorobenzene	0.00008	0.00297	0.248	0.99		J
Chloroethane	0.00030	0.00594	0.00030	0.99		UJQ
Chloroform	0.00008	0.00297	0.00008	0.99		UJ
Chloromethane	0.00037	0.00594	0.00037	0.99		UJ
cis-1,2-Dichloroethene	0.00019	0.00594	0.00019	0.99		UJ
cis-1,3-Dichloropropene	0.00011	0.00356	0.00011	0.99		UJ
Dibromochloromethane	0.00008	0.00356	0.00008	0.99		UJ
Dibromomethane	0.00014	0.00594	0.00014	0.99		UJ
Dichlorodifluoromethane	0.00009	0.00594	0.00009	0.99		UJ
Ethylbenzene	0.00015	0.00594	0.00172	0.99		FJ
Hexachlorobutadiene	0.00045	0.00356	0.00045	0.99		UJQ
Isopropylbenzene	0.00006	0.00594	0.00697	0.99		JQ
Methyl tert-butyl ether	0.00015	0.0237	0.00015	0.99		UJ
Methylene chloride	0.00071	0.00594	0.00433	0.99		FJ
n-Butylbenzene	0.00015	0.00594	0.00154	0.99		FJQ
n-Propylbenzene	0.00004	0.00594	0.00921	0.99		JQ
Naphthalene	0.00025	0.00594	0.00148	0.99		FJQ
o-Xylene	0.00020	0.00594	0.00512	0.99		FJ
p-Isopropyltoluene	0.00020	0.00712	0.00020	0.99		UJQ
sec-Butylbenzene	0.00006	0.00594	0.00159	0.99		FJQ
Styrene	0.00014	0.00594	0.00014	0.99		UJ
tert-Butylbenzene	0.00009	0.00594	0.00009	0.99		UJQ
Tetrachloroethene	0.00013	0.00594	0.00013	0.99		UJ
Toluene	0.00006	0.00594	0.00135	0.99		FJ
trans-1,2-Dichloroethene	0.00014	0.00594	0.00014	0.99		UJ
trans-1,3-Dichloropropene	0.00018	0.00594	0.00018	0.99		UJ
Trichloroethene	0.00014	0.00594	0.00014	0.99		UJ
Trichlorofluoromethane	0.00009	0.00594	0.00009	0.99		UJ
Vinyl chloride	0.00015	0.00594	0.00015	0.99		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-2 (16.5')	**Lab Sample ID:**	0706165-013A	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3545.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	02-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00594	0.00725	0.99		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	83	84 - 118	*
Dibromofluoromethane	96	65 - 135	
Toluene-d8	96	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	655607	685144 - 2740574	*
Chlorobenzene-d5	1362003	1005325 - 4021300	
Fluorobenzene	3810740	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-2 (16.5') RA	**Lab Sample ID:**	0706165-013ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3602.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.71 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00017	0.00635	0.00316	1.06		FJQ
1,1,1,2-Tetrachloroethane	0.00020	0.00381	0.00020	1.06		UJQ
1,1,1-Trichloroethane	0.00018	0.00635	0.00018	1.06		UJ
1,1,2,2-Tetrachloroethane	0.00018	0.00381	0.00018	1.06		UJQ
1,1,2-Trichloroethane	0.00032	0.00635	0.00032	1.06		UJQ
1,1-Dichloroethane	0.00010	0.00635	0.00010	1.06		UJ
1,1-Dichloroethene	0.00019	0.00763	0.00019	1.06		UJ
1,1-Dichloropropene	0.00024	0.00635	0.00024	1.06		UJ
1,2,3-Trichlorobenzene	0.00052	0.00635	0.00052	1.06		UJQ
1,2,3-Trichloropropane	0.00029	0.00635	0.00029	1.06		UJQ
1,2,4-Trichlorobenzene	0.00042	0.00635	0.00042	1.06		UJQ
1,2,4-Trimethylbenzene	0.00008	0.00763	0.0716	1.06		JQ
1,2-Dibromo-3-chloropropane	0.00039	0.0127	0.00039	1.06		UJQ
1,2-Dibromoethane	0.00010	0.00635	0.00010	1.06		UJQ
1,2-Dichlorobenzene	0.00008	0.00635	0.00910	1.06		JQ
1,2-Dichloroethane	0.00014	0.00381	0.00014	1.06		UJ
1,2-Dichloropropane	0.00028	0.00635	0.00028	1.06		UJ
1,3,5-Trimethylbenzene	0.00010	0.00635	0.0143	1.06		JQ
1,3-Dichlorobenzene	0.00014	0.00763	0.00273	1.06		FJQ
1,3-Dichloropropane	0.00011	0.00318	0.00011	1.06		UJ
1,4-Dichlorobenzene	0.00008	0.00318	0.0560	1.06		JQ
1-Chlorohexane	0.00020	0.00635	0.00020	1.06		UJ
2,2-Dichloropropane	0.00017	0.00635	0.00017	1.06		UJ
2-Butanone	0.00053	0.0254	0.00053	1.06		UJ
2-Chlorotoluene	0.00005	0.00635	0.00005	1.06		UJQ
4-Chlorotoluene	0.00009	0.00635	0.00009	1.06		UJQ
4-Methyl-2-pentanone	0.00041	0.0254	0.00041	1.06		UJ
Acetone	0.00038	0.0635	0.00477	1.06		FJ
Benzene	0.00006	0.00318	0.00006	1.06		UJ
Bromobenzene	0.00019	0.00635	0.00019	1.06		UJQ
Bromochloromethane	0.00025	0.00635	0.00025	1.06		UJQ
Bromodichloromethane	0.00008	0.00318	0.00008	1.06		UJ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-2 (16.5') RA	**Lab Sample ID:**	0706165-013ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3602.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.71 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00022	0.00763	0.00022	1.06		UJQ
Bromomethane	0.00017	0.0127	0.00017	1.06		UJ
Carbon tetrachloride	0.00015	0.00635	0.00015	1.06		UJ
Chlorobenzene	0.00009	0.00318	0.178	1.06		JQ
Chloroethane	0.00032	0.00635	0.00032	1.06		UJQ
Chloroform	0.00009	0.00318	0.00009	1.06		UJ
Chloromethane	0.00039	0.00635	0.00039	1.06		UJQ
cis-1,2-Dichloroethene	0.00020	0.00635	0.00020	1.06		UJ
cis-1,3-Dichloropropene	0.00011	0.00381	0.00011	1.06		UJ
Dibromochloromethane	0.00009	0.00381	0.00009	1.06		UJQ
Dibromomethane	0.00015	0.00635	0.00015	1.06		UJQ
Dichlorodifluoromethane	0.00010	0.00635	0.00010	1.06		UJQ
Ethylbenzene	0.00017	0.00635	0.00160	1.06		FJ
Hexachlorobutadiene	0.00048	0.00381	0.00048	1.06		UJQ
Isopropylbenzene	0.00006	0.00635	0.00386	1.06		FJQ
Methyl tert-butyl ether	0.00017	0.0254	0.00017	1.06		UJ
Methylene chloride	0.00076	0.00635	0.00515	1.06		FJ
n-Butylbenzene	0.00017	0.00635	0.00133	1.06		FJQ
n-Propylbenzene	0.00004	0.00635	0.00655	1.06		JQ
Naphthalene	0.00027	0.00635	0.00145	1.06		FJQB
o-Xylene	0.00022	0.00635	0.00390	1.06		FJQ
p-Isopropyltoluene	0.00022	0.00763	0.00022	1.06		UJQ
sec-Butylbenzene	0.00006	0.00635	0.00112	1.06		FJQ
Styrene	0.00015	0.00635	0.00015	1.06		UJQ
tert-Butylbenzene	0.00010	0.00635	0.00010	1.06		UJQ
Tetrachloroethene	0.00014	0.00635	0.00014	1.06		UJQ
Toluene	0.00006	0.00635	0.00165	1.06		FJQ
trans-1,2-Dichloroethene	0.00015	0.00635	0.00015	1.06		UJ
trans-1,3-Dichloropropene	0.00019	0.00635	0.00019	1.06		UJQ
Trichloroethene	0.00015	0.00635	0.00015	1.06		UJQ
Trichlorofluoromethane	0.00010	0.00635	0.00010	1.06		UJQ
Vinyl chloride	0.00017	0.00635	0.00017	1.06		UJQ

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB25-2 (16.5') RA	**Lab Sample ID:**	0706165-013ARA	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	990	**File ID:**	J3602.D
Date Received:	27-Jun-07	**Date Extracted:**		**Date Analyzed:**	05-Jul-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.71 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00038	0.00635	0.00707	1.06		JQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	81	84 - 118	*
Dibromofluoromethane	96	65 - 135	
Toluene-d8	97	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	571140	685144 - 2740574	*
Chlorobenzene-d5	1226618	1005325 - 4021300	
Fluorobenzene	3414711	2897598 - 11590392	

Comments:

Life Science Laboratories, Inc.

Date: *02-Jul-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0706159
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB13-1 (16.5')	0706159-001C	wt%	6/25/2007	6/26/2007	6/26/2007	R10097	15.7
AOC9-SB13-2 (21.5')	0706159-002C	wt%	6/25/2007	6/26/2007	6/26/2007	R10097	14.6
AOC9-SB14-1 (16.5')	0706159-003C	wt%	6/25/2007	6/26/2007	6/26/2007	R10097	16.1
AOC9-SB14-2 (22.5')	0706159-004C	wt%	6/25/2007	6/26/2007	6/26/2007	R10097	16.1
AOC9-SB15-1 (18.5')	0706159-005C	wt%	6/25/2007	6/26/2007	6/26/2007	R10097	18.1
AOC9-SB15-2 (22.5')	0706159-006C	wt%	6/25/2007	6/26/2007	6/26/2007	R10097	14.1
AOC9-SB16-1 (15.5')	0706159-007C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	15.7
AOC9-SB16-2 (20.5')	0706159-008C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	15.6
AOC9-SB17-1 (11.5')	0706159-009C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	8.70
AOC9-SB17-2 (12.0')	0706159-010C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	15.2
AOC9-SB18-1 (8.5')	0706159-011C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	17.5
AOC9-SB18-1/D (8.5')	0706159-012C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	15.7
AOC9-SB18-2 (12.5')	0706159-013C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	15.8
AOC9-SB19-1 (10.5')	0706159-014C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	15.1
AOC9-SB19-2 (11.5')	0706159-015C	wt%	6/26/2007	6/26/2007	6/26/2007	R10097	17.0

Life Science Laboratories, Inc.

Date: *02-Jul-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0706165
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB20-1 (11.5')	0706165-001C	wt%	6/26/2007	6/27/2007	6/27/2007	R10112	16.9
AOC9-SB20-2 (12.5')	0706165-002C	wt%	6/26/2007	6/27/2007	6/27/2007	R10112	16.6
AOC9-SB21-1 (11.5')	0706165-003C	wt%	6/26/2007	6/27/2007	6/27/2007	R10112	12.3
AOC9-SB21-2 (15.5')	0706165-004C	wt%	6/26/2007	6/27/2007	6/27/2007	R10112	16.6
AOC9-SB22-1 (12.5')	0706165-005C	wt%	6/26/2007	6/27/2007	6/27/2007	R10112	13.7
AOC9-SB22-2 (15.5')	0706165-006C	wt%	6/26/2007	6/27/2007	6/27/2007	R10112	17.3
AOC9-SB23-1 (13.5')	0706165-007C	wt%	6/27/2007	6/27/2007	6/27/2007	R10112	17.4
AOC9-SB23-2 (15.5')	0706165-008C	wt%	6/27/2007	6/27/2007	6/27/2007	R10112	15.8
AOC9-SB24-1 (12.5')	0706165-009C	wt%	6/27/2007	6/27/2007	6/27/2007	R10112	13.5
AOC9-SB24-1/D (12.5')	0706165-010C	wt%	6/27/2007	6/27/2007	6/27/2007	R10112	13.6
AOC9-SB24-2 (15.5')	0706165-011C	wt%	6/27/2007	6/27/2007	6/27/2007	R10112	16.1
AOC9-SB25-1 (11.5')	0706165-012C	wt%	6/27/2007	6/27/2007	6/27/2007	R10112	13.1
AOC9-SB25-2 (16.5')	0706165-013C	wt%	6/27/2007	6/27/2007	6/27/2007	R10112	16.6

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 25JUN07

Initial Calibration ID: 990

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 11:43:01 2007
Response via : Continuing Calibration

ICAL# 990

Calibration Files
2.0 =J3391.D 5.0 =J3392.D 20 =J3393.D
50 =J3394.D 100 =J3395.D 150 =J3396.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.206	0.201	0.201	0.177	0.203	0.213	0.201	5.51
3)	P	Chloromethane	0.242	0.224	0.223	0.186	0.193	0.206	0.210	9.78
4)	CP	Vinyl chloride	0.227	0.237	0.251	0.228	0.260	0.277	0.250	8.04
5)		Bromomethane	0.229	0.228	0.219	0.193	0.190	0.215	0.212	7.28
6)		Chloroethane	0.105	0.093	0.092	0.079	0.079	0.085	0.087	11.43
7)		Trichlorofluorometh	0.306	0.302	0.306	0.257	0.262	0.262	0.276	10.31
8)		Acetone	0.098	0.111	0.098	0.073	0.100	0.108	0.101	14.41
9)		Acrolein	0.038	0.048	0.055	0.044	0.060	0.065	0.054	19.94
10)	CPM	1,1-Dichloroethene	0.176	0.172	0.187	0.183	0.187	0.220	0.192	9.91
11)		Methyl iodide	0.095	0.102	0.134	0.159	0.184	0.214	0.157	31.29
12)		1,1,2-Trichloro-1,2	0.198	0.223	0.229	0.227	0.223	0.253	0.228	7.68
13)		Methyl acetate	0.175	0.205	0.216	0.171	0.224	0.262	0.218	17.63
14)		Acrylonitrile	0.079	0.101	0.110	0.087	0.116	0.126	0.107	17.69
15)		Methylene chloride	0.347	0.401	0.295	0.241	0.245	0.270	0.295	19.85
16)		Carbon disulfide	0.698	0.718	0.781	0.707	0.786	0.850	0.763	7.47
17)		trans-1,2-Dichloroe	0.200	0.215	0.235	0.226	0.234	0.268	0.236	11.04
18)		Methyl tert-Butyl e	0.571	0.658	0.685	0.607	0.720	0.818	0.695	13.55
19)	P	1,1-Dichloroethane	0.375	0.414	0.437	0.392	0.420	0.472	0.427	8.91
20)		Vinyl acetate	0.224	0.306	0.361	0.314	0.411	0.426	0.353	21.49
21)		2-Butanone	0.106	0.139	0.144	0.112	0.154	0.169	0.143	19.13
22)		cis-1,2-Dichloroeth	0.227	0.250	0.278	0.257	0.271	0.310	0.273	11.88
23)		Bromochloromethane	0.110	0.117	0.126	0.115	0.125	0.145	0.127	12.00
24)	CP	Chloroform	0.368	0.422	0.426	0.385	0.415	0.467	0.422	8.90
25)		2,2-Dichloropropane	0.265	0.295	0.325	0.319	0.336	0.392	0.332	14.17
26)		Cyclohexane	0.333	0.387	0.406	0.386	0.409	0.467	0.407	11.45
27)	S	Dibromofluoromethan	0.197	0.206	0.211	0.195	0.210	0.242	0.215	9.72
28)	S	1,2-Dichloroethane-	0.279	0.250	0.259	0.222	0.260	0.287	0.264	9.34
29)		1,2-Dichloroethane	0.260	0.296	0.307	0.268	0.316	0.347	0.307	11.70
30)		1,1,1-Trichloroetha	0.274	0.300	0.324	0.321	0.343	0.405	0.339	14.79
31)		1,1-Dichloropropene	0.265	0.302	0.323	0.307	0.317	0.365	0.320	10.70
32)		Carbon tetrachlorid	0.167	0.176	0.190	0.209	0.214	0.269	0.214	19.95
33)	M	Benzene	1.016	1.066	1.128	1.016	1.056	1.128	1.066	4.38
34)	M	Trichloroethene	0.245	0.263	0.265	0.252	0.261	0.310	0.273	10.34
35)		Dibromomethane	0.124	0.146	0.150	0.135	0.154	0.179	0.153	14.12
36)		Methylcyclohexane	0.399	0.436	0.456	0.449	0.437	0.501	0.452	7.42
37)	CP	1,2-Dichloropropane	0.208	0.248	0.257	0.229	0.256	0.297	0.256	13.17
38)		Bromodichloromethan	0.217	0.246	0.268	0.261	0.301	0.352	0.287	18.87
39)		2-Chloroethylvinyl	0.018	0.020	0.034	0.037	0.058	0.070	0.045	53.37
40)		4-Methyl-2-pentanon	0.188	0.260	0.273	0.221	0.304	0.324	0.272	19.81
41)		cis-1,3-Dichloropro	0.276	0.334	0.380	0.361	0.415	0.477	0.390	19.54
42)	S	Toluene-d8	0.863	0.870	0.905	0.832	0.837	0.918	0.870	3.67
43)	CPM	Toluene	0.654	0.914	0.742	0.636	0.642	0.725	0.717	13.44

ABM 6-25-07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 11:43:01 2007
Response via : Continuing Calibration

Calibration Files
2.0 =J3391.D 5.0 =J3392.D 20 =J3393.D
50 =J3394.D 100 =J3395.D 150 =J3396.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.229	0.294	0.330	0.315	0.375	0.433	0.345	22.11
45)		1,1,2-Trichloroetha	0.162	0.193	0.199	0.179	0.204	0.231	0.201	13.37
46)		2-Hexanone	0.126	0.179	0.196	0.162	0.234	0.250	0.201	24.85
47)		1,2-Dibromoethane	0.162	0.205	0.217	0.186	0.233	0.269	0.221	18.84
48)	I	Chlorobenzene-d5	ISTD							
49)		1,3-Dichloropropane	0.929	1.052	1.095	1.049	1.119	1.218	1.097	9.32
50)		Dibromochloromethan	0.319	0.404	0.475	0.535	0.591	0.700	0.537	28.11
51)		Tetrachloroethene	0.572	0.572	0.608	0.662	0.597	0.693	0.627	8.35
52)		1-Chlorohexane	0.698	0.772	0.840	0.840	0.825	0.929	0.830	9.36
53)		1,1,1,2-Tetrachloro	0.379	0.432	0.505	0.493	0.566	0.666	0.533	21.56
54)	PM	Chlorobenzene	1.879	1.868	1.884	1.727	1.783	1.965	1.856	4.20
55)	CP	Ethylbenzene	2.904	3.077	3.177	2.951	2.930	3.035	2.970	4.94
56)		(m+p)-Xylene	0.890	0.964	1.050	1.002	1.031	1.142	1.026	8.29
57)		o-Xylene	0.804	0.898	0.996	0.983	1.030	1.163	1.007	13.28
58)		Styrene	1.144	1.430	1.670	1.626	1.743	1.939	1.634	16.82
59)	P	Bromoform	0.188	0.206	0.258	0.282	0.366	0.456	0.320	36.68
60)	S	Bromofluorobenzene	0.959	0.693	0.743	0.693	0.722	0.826	0.781	12.44
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.124	0.159	0.199	0.202	0.265	0.305	0.225	32.89
63)	P	1,1,2,2-Tetrachloro	1.226	1.274	1.310	1.220	1.377	1.465	1.337	8.12
64)		Isopropylbenzene	3.529	4.060	4.431	3.966	3.976	4.117	3.968	7.36
65)		1,2,3-Trichloroprop	1.065	1.194	1.166	0.994	1.162	1.258	1.161	8.84
66)		Bromobenzene	0.893	0.964	1.035	0.929	1.013	1.144	1.023	10.56
67)		n-Propylbenzene	4.043	4.599	4.894	4.456	4.444	4.567	4.434	6.97
68)		2-Chlorotoluene	2.785	2.996	3.193	2.847	2.928	3.207	3.005	5.46
69)		4-Chlorotoluene	2.231	2.629	2.741	2.474	2.537	2.764	2.570	7.07
70)		1,3,5-Trimethylbenz	2.256	2.645	2.894	2.660	2.658	2.995	2.708	8.92
71)		tert-Butylbenzene	2.051	2.486	2.733	2.517	2.608	2.900	2.575	10.54
72)		1,2,4-Trimethylbenz	2.125	2.471	2.656	2.454	2.470	2.740	2.499	7.87
73)		sec-Butylbenzene	3.371	3.955	4.245	3.957	3.879	4.097	3.877	7.52
74)		1,3-Dichlorobenzene	1.510	1.656	1.741	1.567	1.634	1.799	1.668	6.41
75)		p-Isopropyltoluene	2.281	2.688	2.998	2.865	2.818	3.114	2.803	9.53
76)		1,4-Dichlorobenzene	1.674	1.681	1.679	1.554	1.582	1.761	1.666	4.49
77)		n-Butylbenzene	2.323	2.556	2.683	2.539	2.334	2.595	2.486	5.71
78)		1,2-Dichlorobenzene	1.427	1.510	1.587	1.483	1.587	1.736	1.579	7.45
79)		1,2-Dibromo-3-chlor	0.103	0.106	0.125	0.126	0.154	0.173	0.139	23.08
80)		1,2,4-Trichlorobenz	0.681	0.623	0.626	0.659	0.634	0.690	0.659	4.83
81)		Hexachlorobutadiene	0.429	0.409	0.431	0.459	0.449	0.493	0.453	7.73
82)		Naphthalene	1.340	1.548	1.547	1.359	1.535	1.664	1.519	8.27
83)		1,2,3-Trichlorobenz	0.550	0.580	0.588	0.557	0.596	0.662	0.601	8.08

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:49:21 2007
Response via : Continuing Calibration

Calibration Files
200 =J3397.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD-----		
2)		Dichlorodifluoromet	0.202		
3)	P	Chloromethane	0.194		
4)	CP	Vinyl chloride	0.270		
5)		Bromomethane	0.211		
6)		Chloroethane	0.078		
7)		Trichlorofluorometh	0.235		
8)		Acetone	0.119		
9)		Acrolein	0.066		
10)	CPM	1,1-Dichloroethene	0.216		
11)		Methyl iodide	0.213		
12)		1,1,2-Trichloro-1,2	0.244		
13)		Methyl acetate	0.270		
14)		Acrylonitrile	0.129		
15)		Methylene chloride	0.268		
16)		Carbon disulfide	0.805		
17)		trans-1,2-Dichloroe	0.270		
18)		Methyl tert-Butyl e	0.809		
19)	P	1,1-Dichloroethane	0.476		
20)		Vinyl acetate	0.426		
21)		2-Butanone	0.180		
22)		cis-1,2-Dichloroeth	0.318		
23)		Bromochloromethane	0.150		
24)	CP	Chloroform	0.468		
25)		2,2-Dichloropropane	0.393		
26)		Cyclohexane	0.463		
27)	S	Dibromofluoromethan	0.247		
28)	S	1,2-Dichloroethane-	0.293		
29)		1,2-Dichloroethane	0.354		
30)		1,1,1-Trichloroetha	0.405		
31)		1,1-Dichloropropene	0.359		
32)		Carbon tetrachlorid	0.275		
33)	M	Benzene	1.049		
34)	M	Trichloroethene	0.316		
35)		Dibromomethane	0.183		
36)		Methylcyclohexane	0.485		
37)	CP	1,2-Dichloropropane	0.301		
38)		Bromodichloromethan	0.361		
39)		2-Chloroethylvinyl	0.079		
40)		4-Methyl-2-pentanon	0.334		
41)		cis-1,3-Dichloropro	0.488		
42)	S	Toluene-d8	0.866		
43)	CPM	Toluene	0.705		

(#) = Out of Range ### Number of calibration levels exceeded format ##

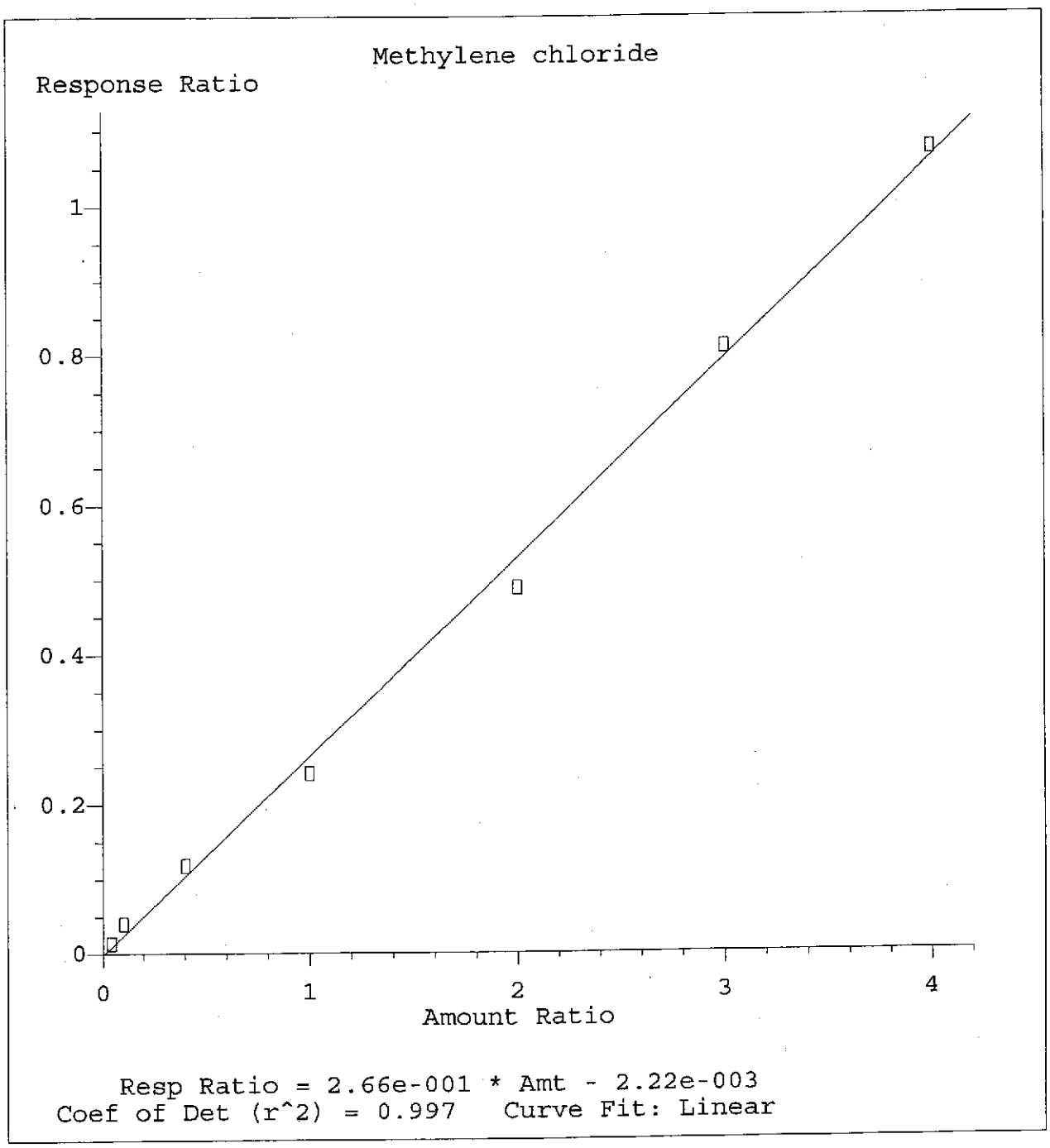
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J625VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:49:21 2007
Response via : Continuing Calibration

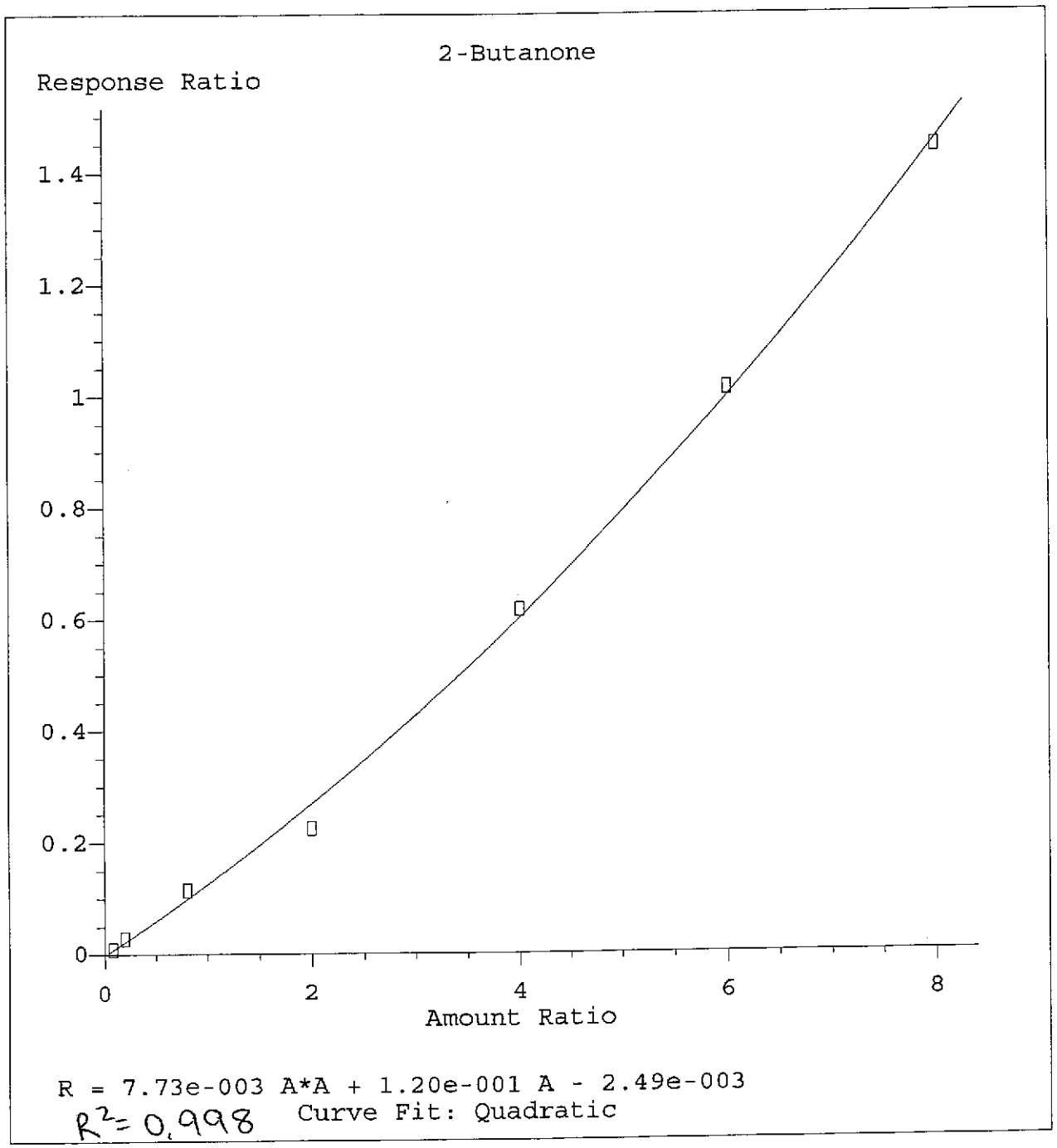
Calibration Files
200 =J3397.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.440		
45)		1,1,2-Trichloroetha	0.238		
46)		2-Hexanone	0.264		
47)		1,2-Dibromoethane	0.276		
48)	I	Chlorobenzene-d5	----------ISTD----		
49)		1,3-Dichloropropane	1.220		
50)		Dibromochloromethan	0.732		
51)		Tetrachloroethene	0.688		
52)		1-Chlorohexane	0.902		
53)		1,1,1,2-Tetrachloro	0.687		
54)	PM	Chlorobenzene	1.890		
55)	CP	Ethylbenzene	2.717		
56)		(m+p)-Xylene	1.105		
57)		o-Xylene	1.176		
58)		Styrene	1.890		
59)	P	Bromoform	0.483		
60)	S	Bromofluorobenzene	0.830		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----		
62)		trans-1,4-Dichloro-	0.320		
63)	P	1,1,2,2-Tetrachloro	1.486		
64)		Isopropylbenzene	3.697		
65)		1,2,3-Trichloroprop	1.286		
66)		Bromobenzene	1.184		
67)		n-Propylbenzene	4.031		
68)		2-Chlorotoluene	3.082		
69)		4-Chlorotoluene	2.616		
70)		1,3,5-Trimethylbenz	2.848		
71)		tert-Butylbenzene	2.734		
72)		1,2,4-Trimethylbenz	2.579		
73)		sec-Butylbenzene	3.635		
74)		1,3-Dichlorobenzene	1.766		
75)		p-Isopropyltoluene	2.856		
76)		1,4-Dichlorobenzene	1.732		
77)		n-Butylbenzene	2.372		
78)		1,2-Dichlorobenzene	1.725		
79)		1,2-Dibromo-3-chlor	0.184		
80)		1,2,4-Trichlorobenz	0.700		
81)		Hexachlorobutadiene	0.505		
82)		Naphthalene	1.637		
83)		1,2,3-Trichlorobenz	0.673		

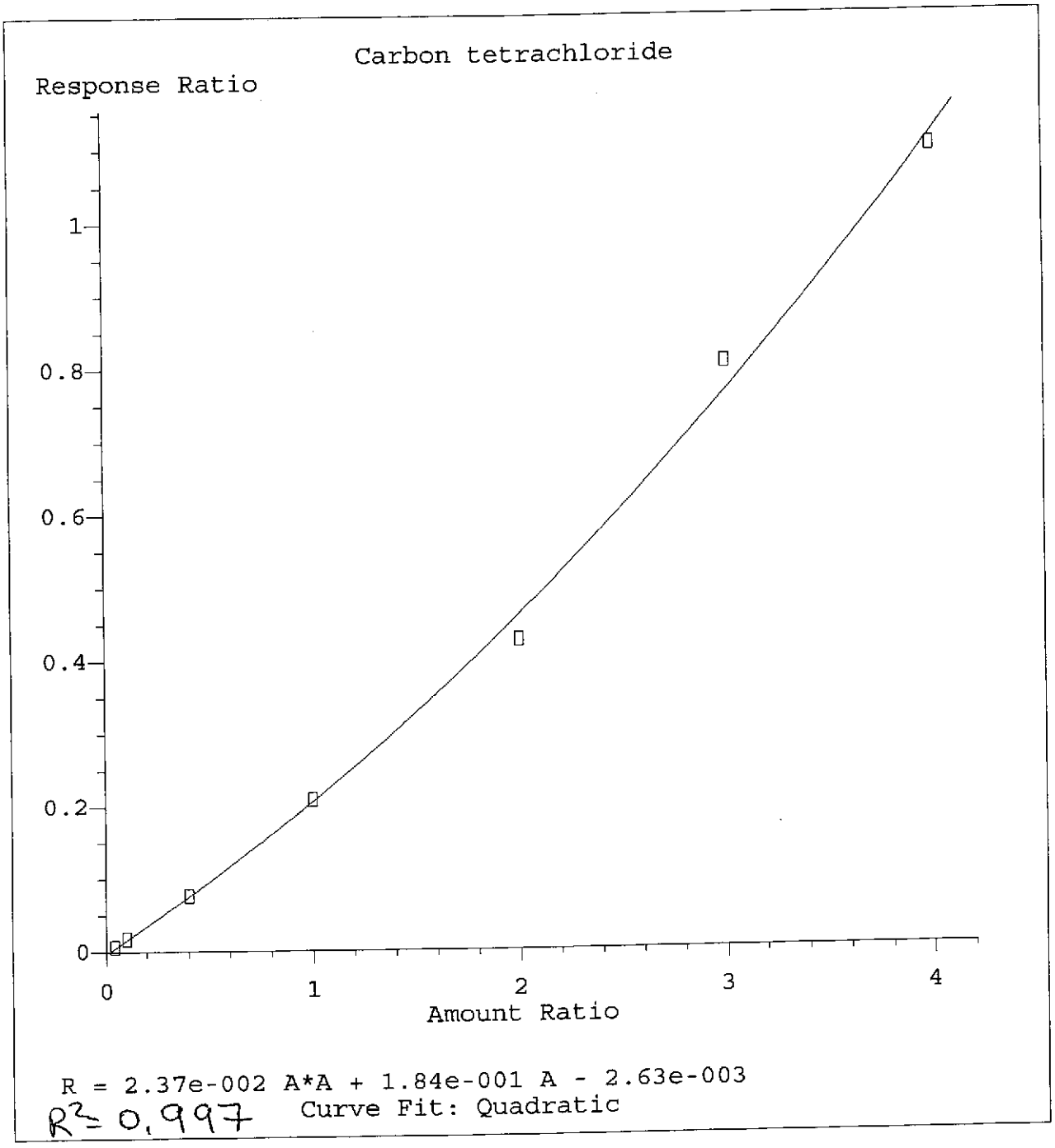
(#) = Out of Range ### Number of calibration levels exceeded format ##



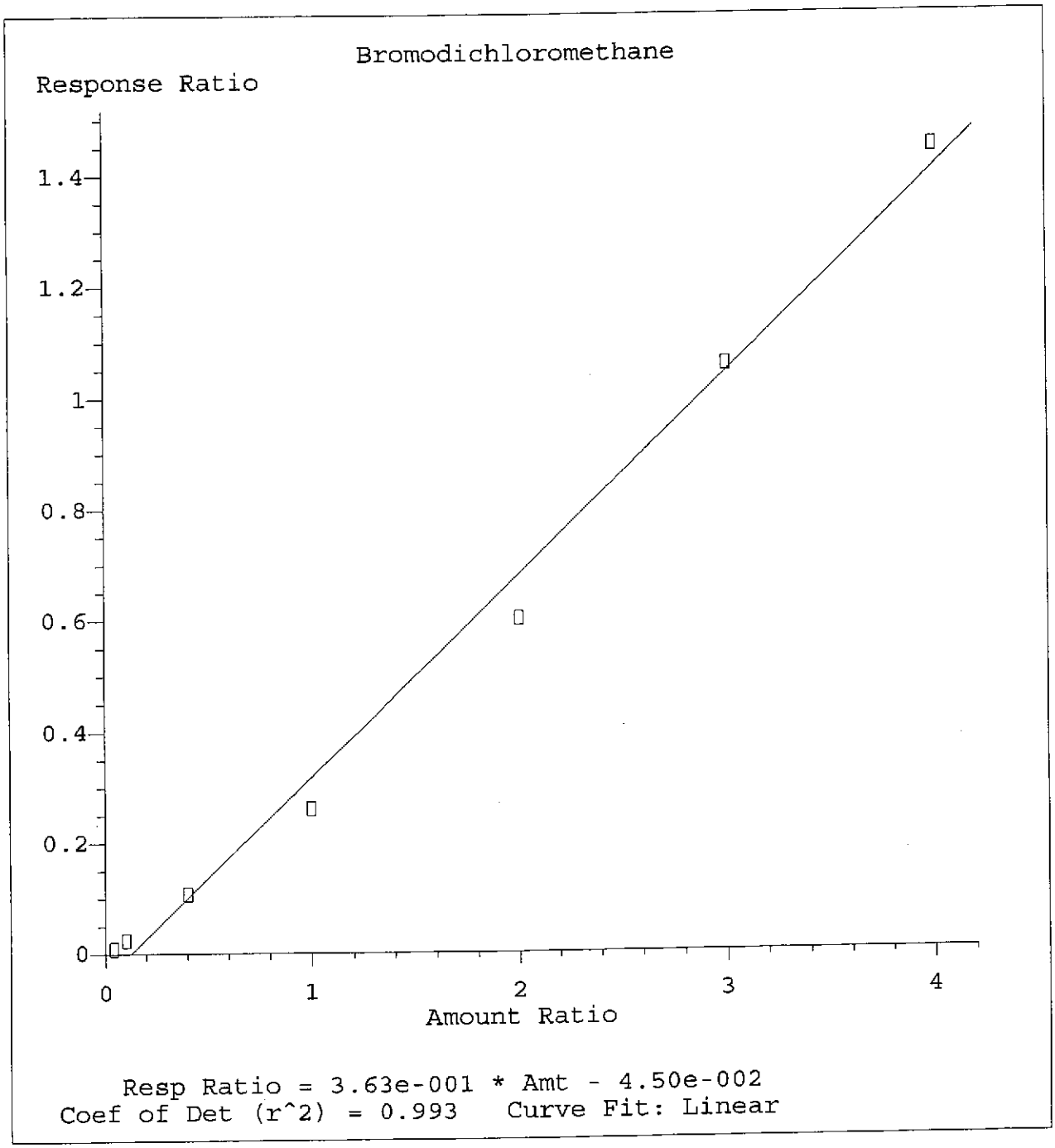
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:50:16 2007



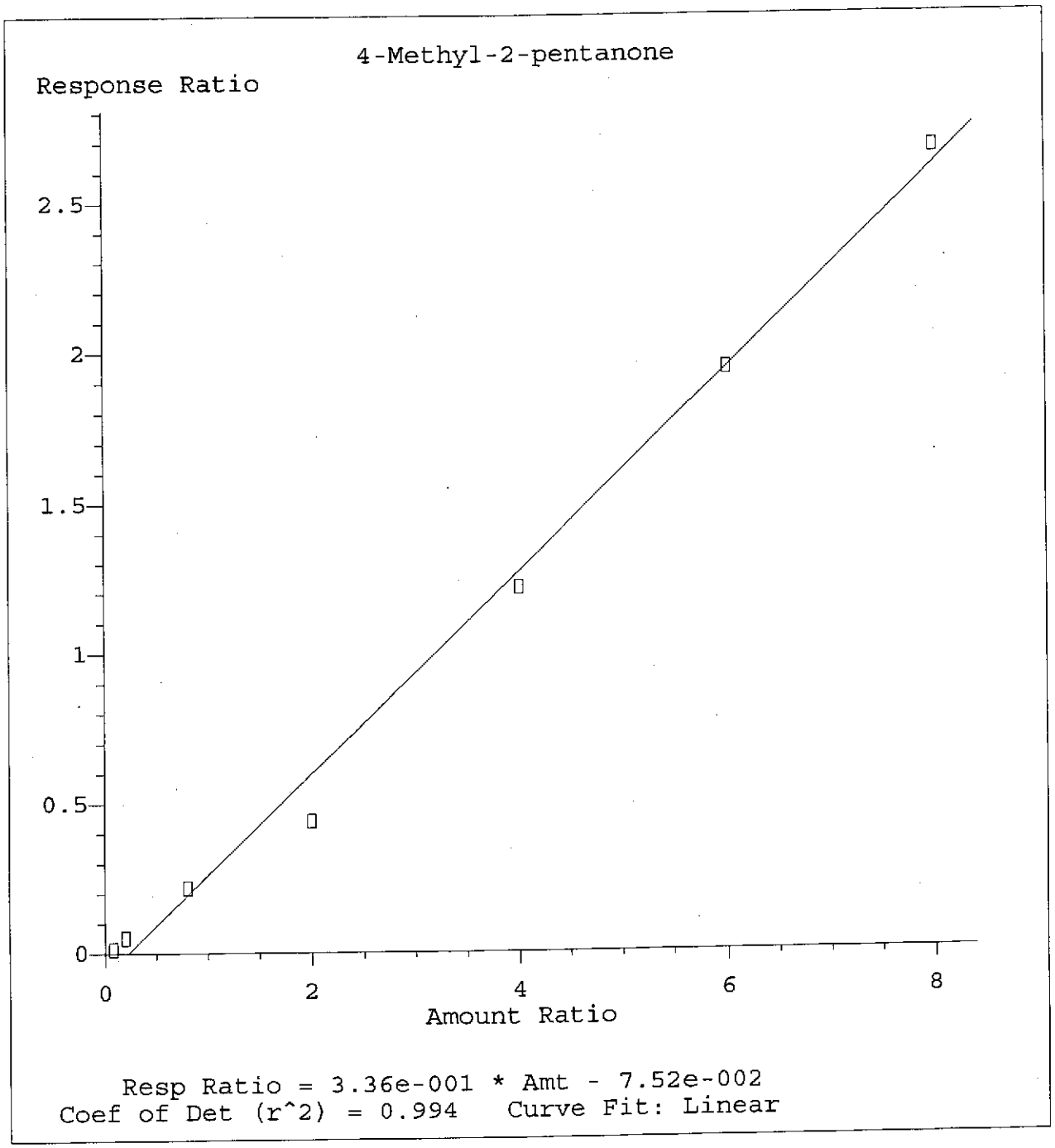
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:53:42 2007



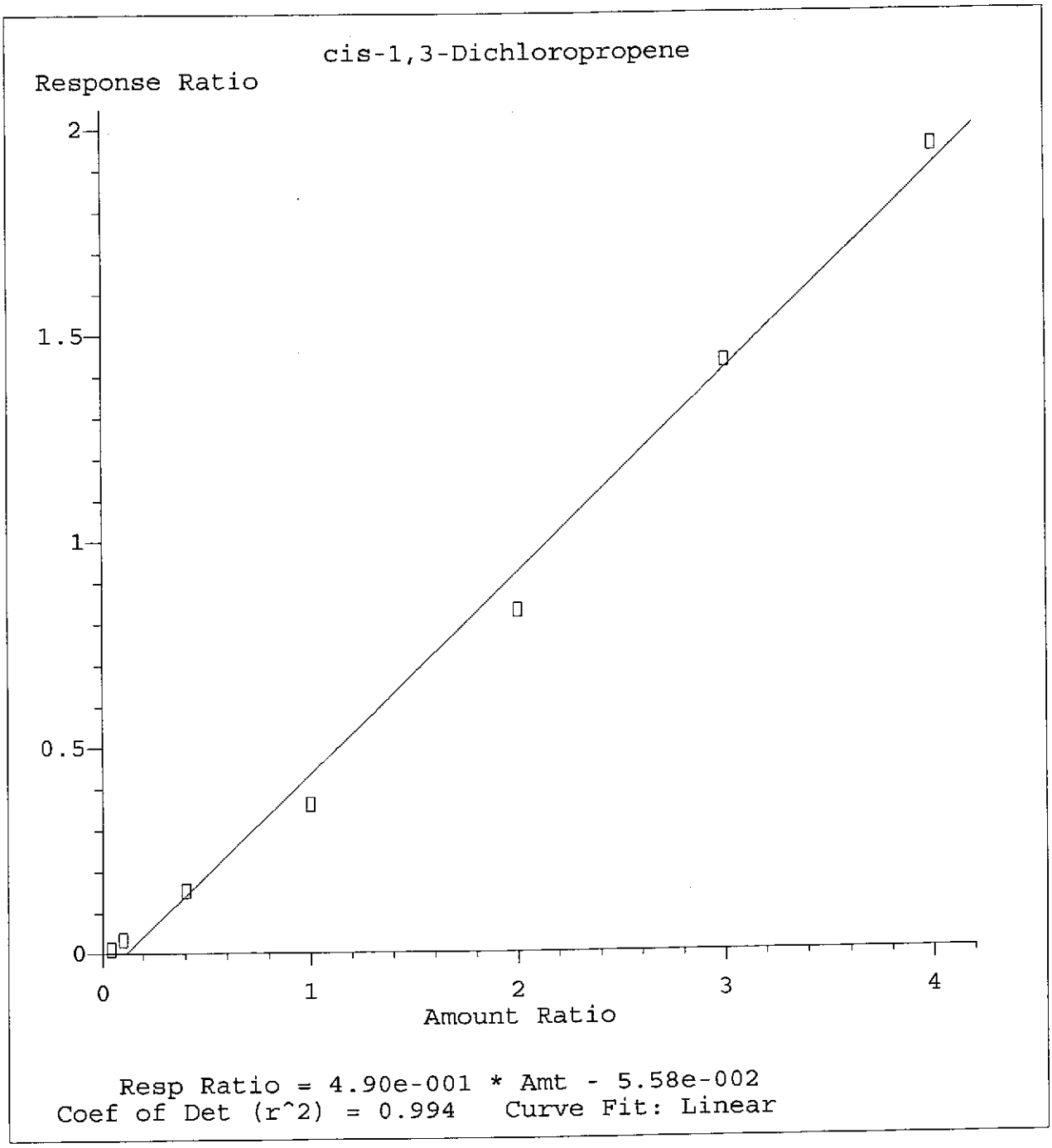
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:54:09 2007



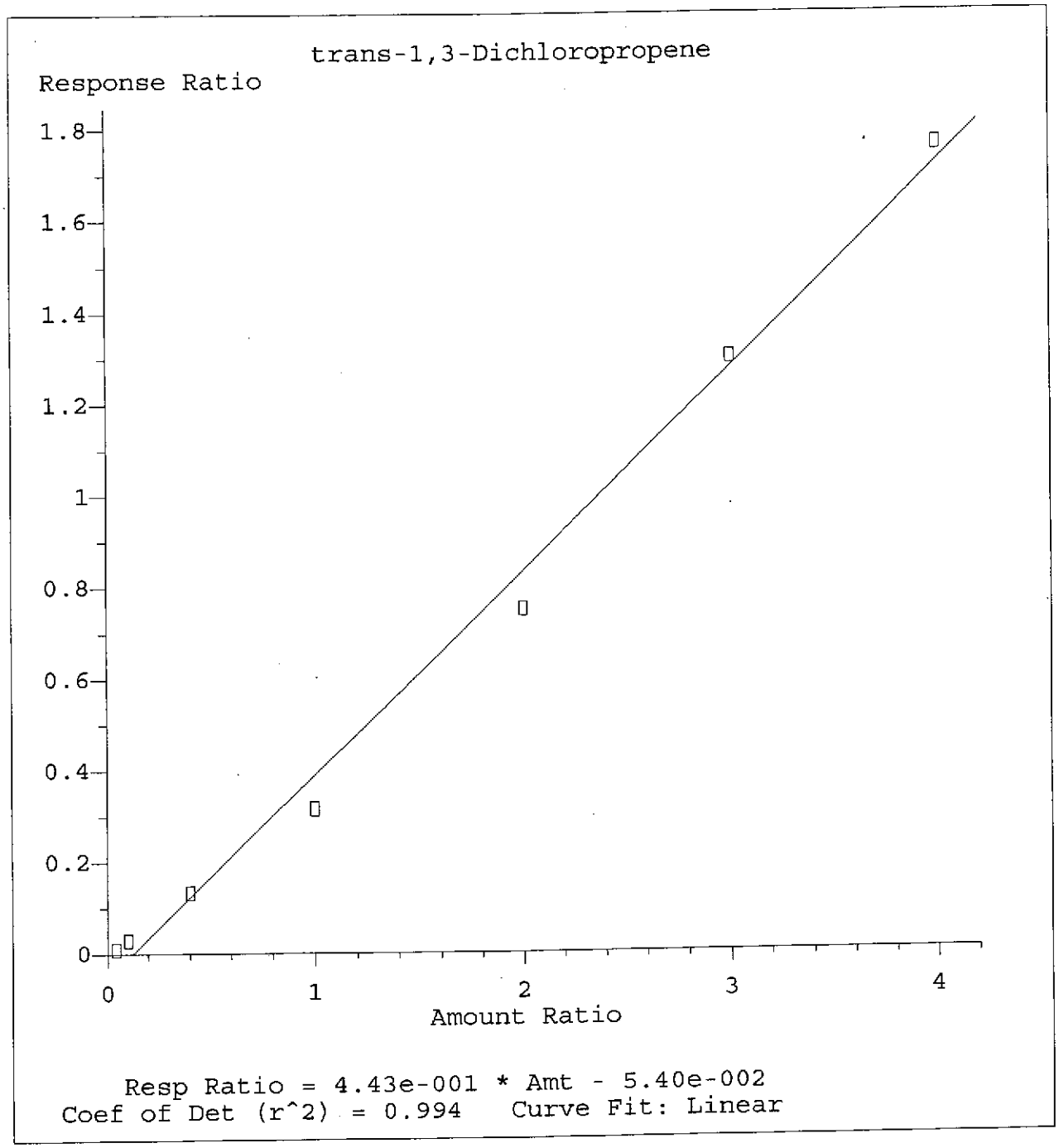
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:54:53 2007



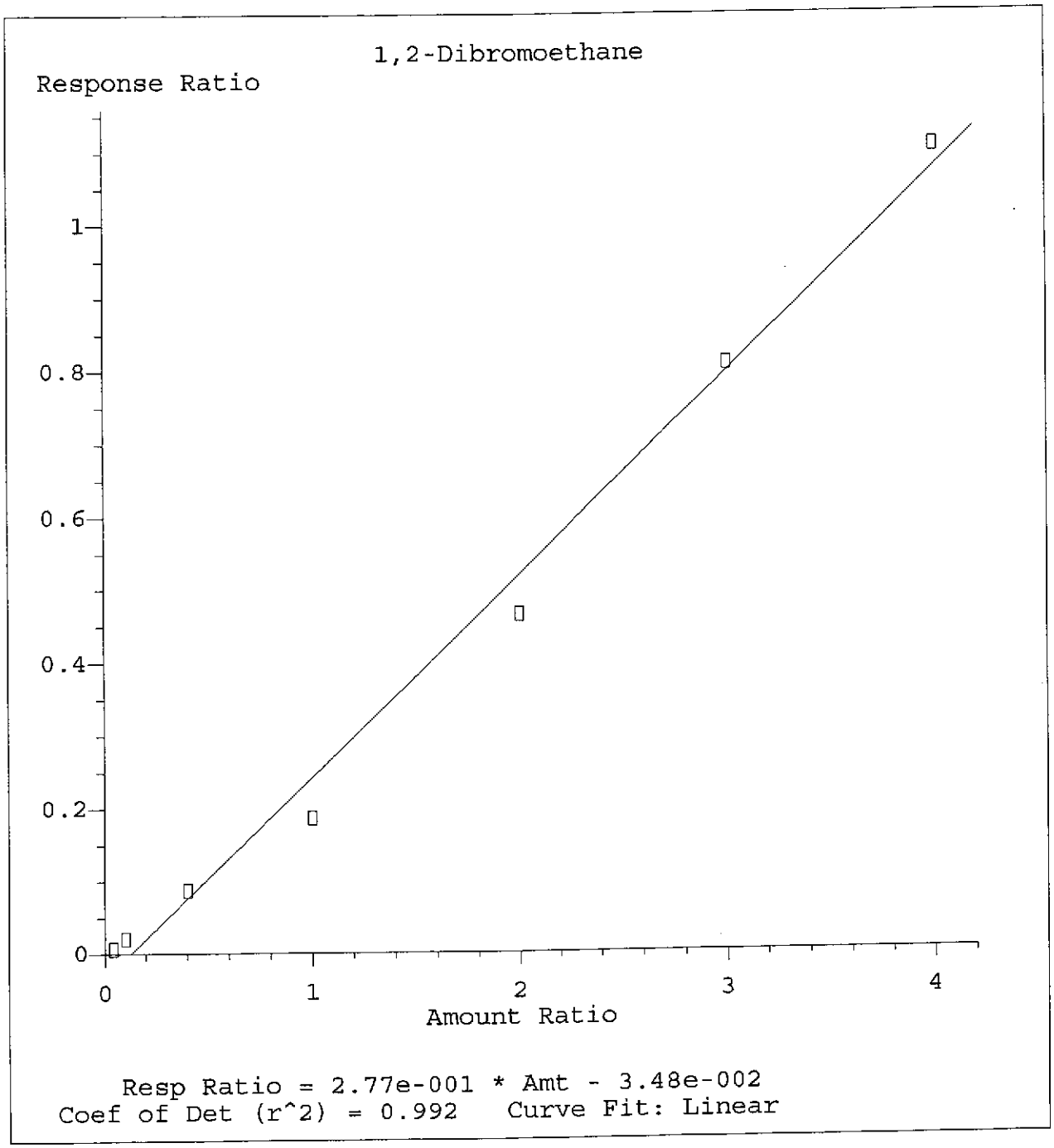
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:56:18 2007



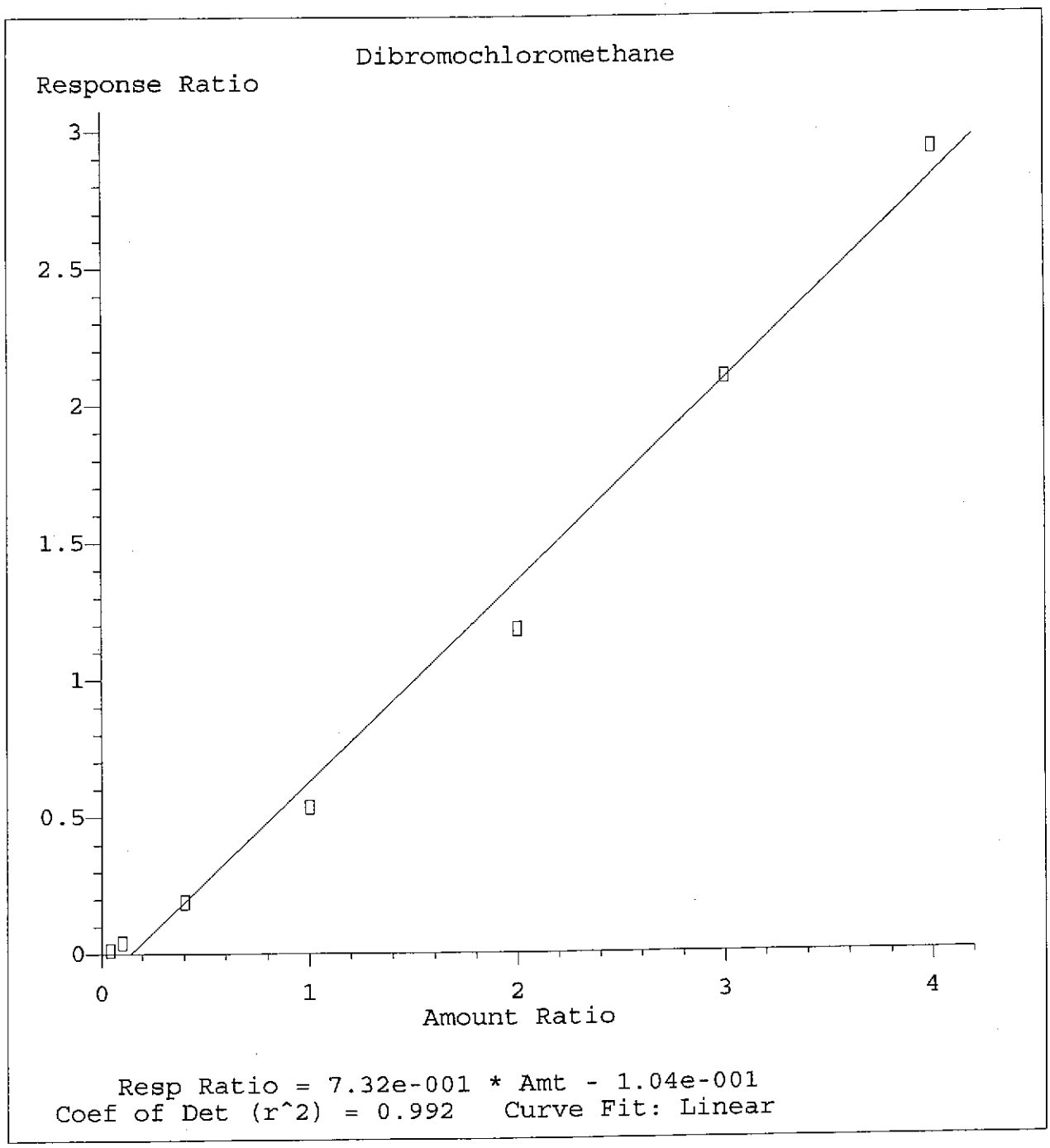
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:56:37 2007



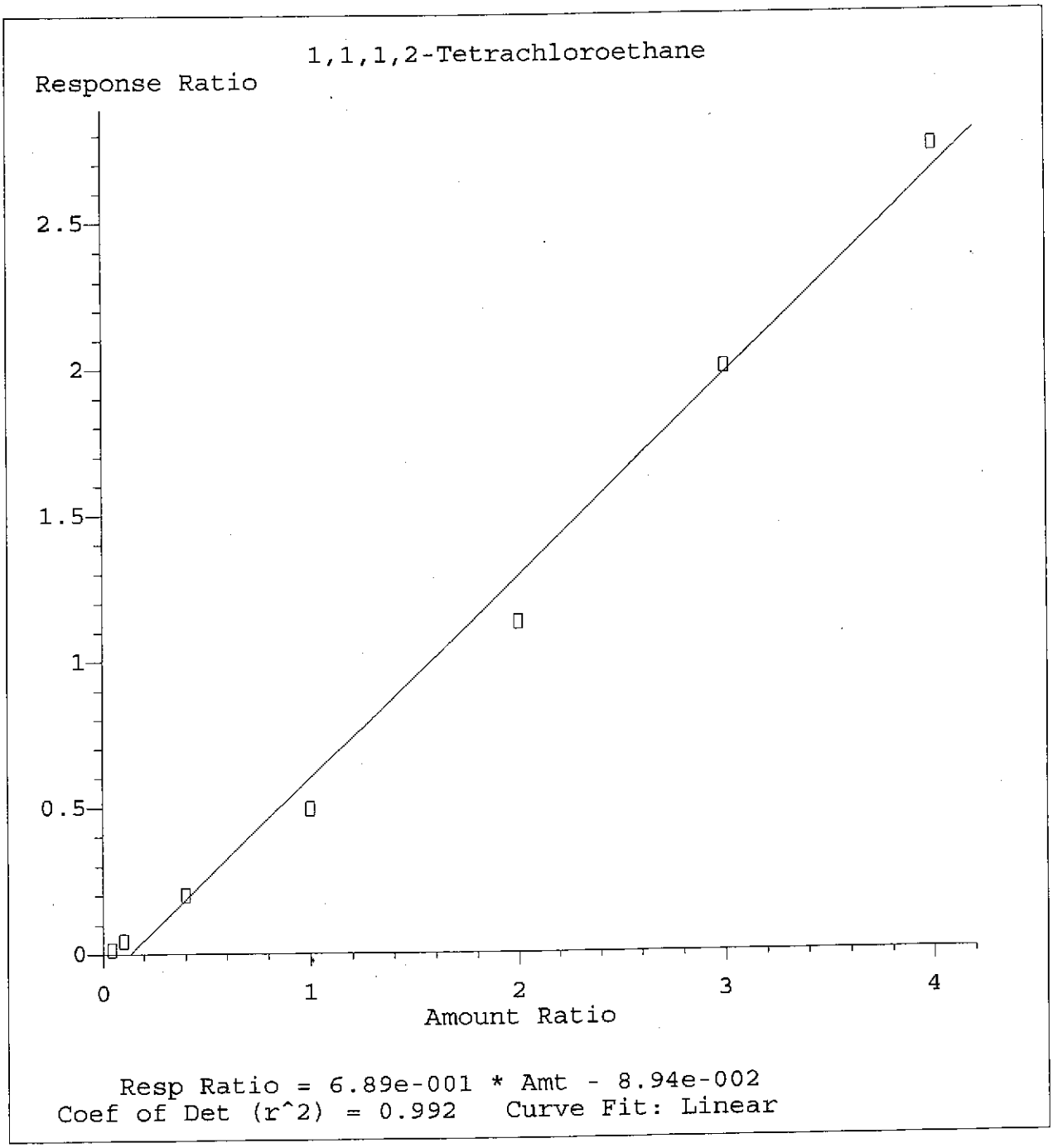
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:56:47 2007



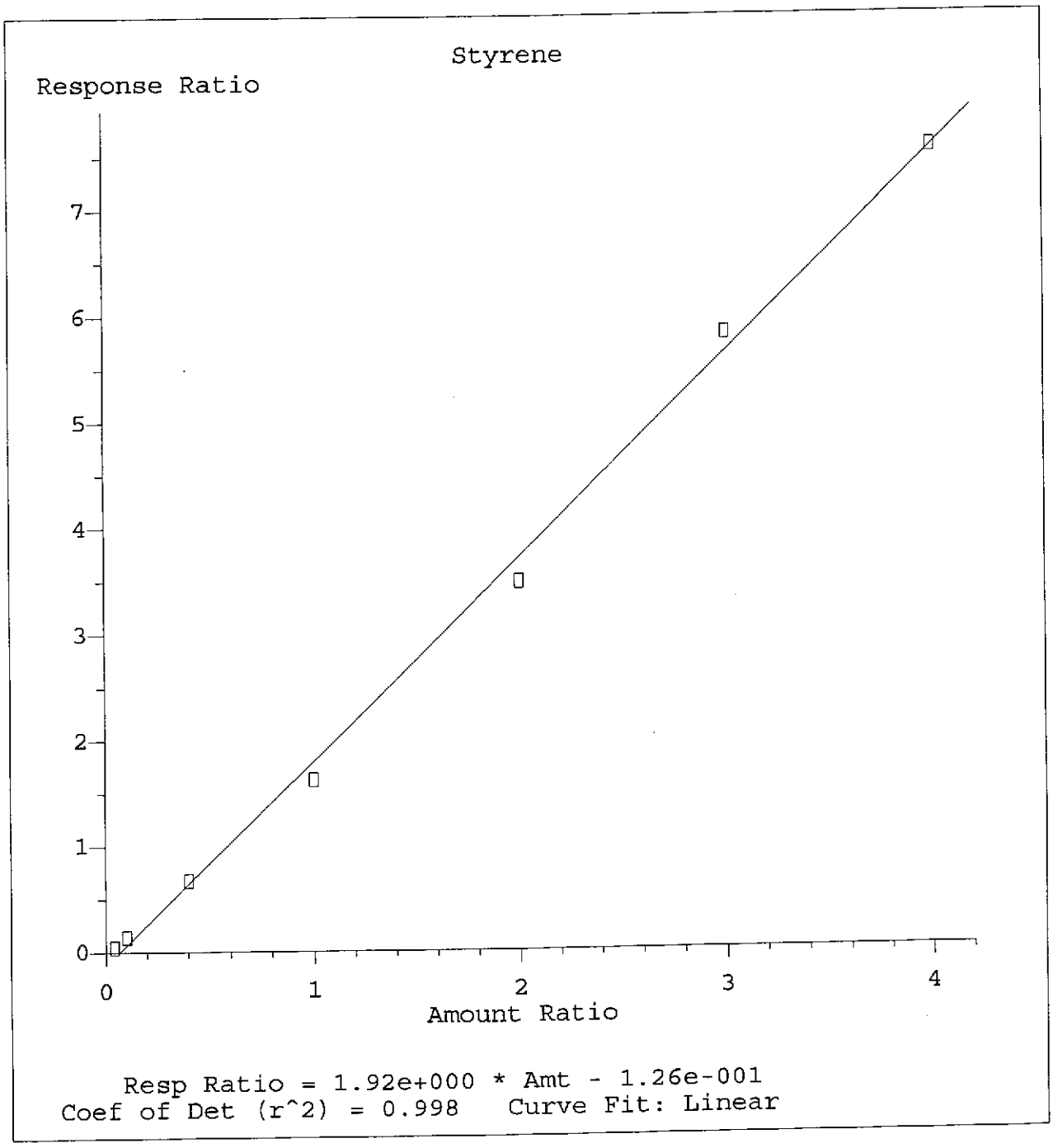
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:57:37 2007



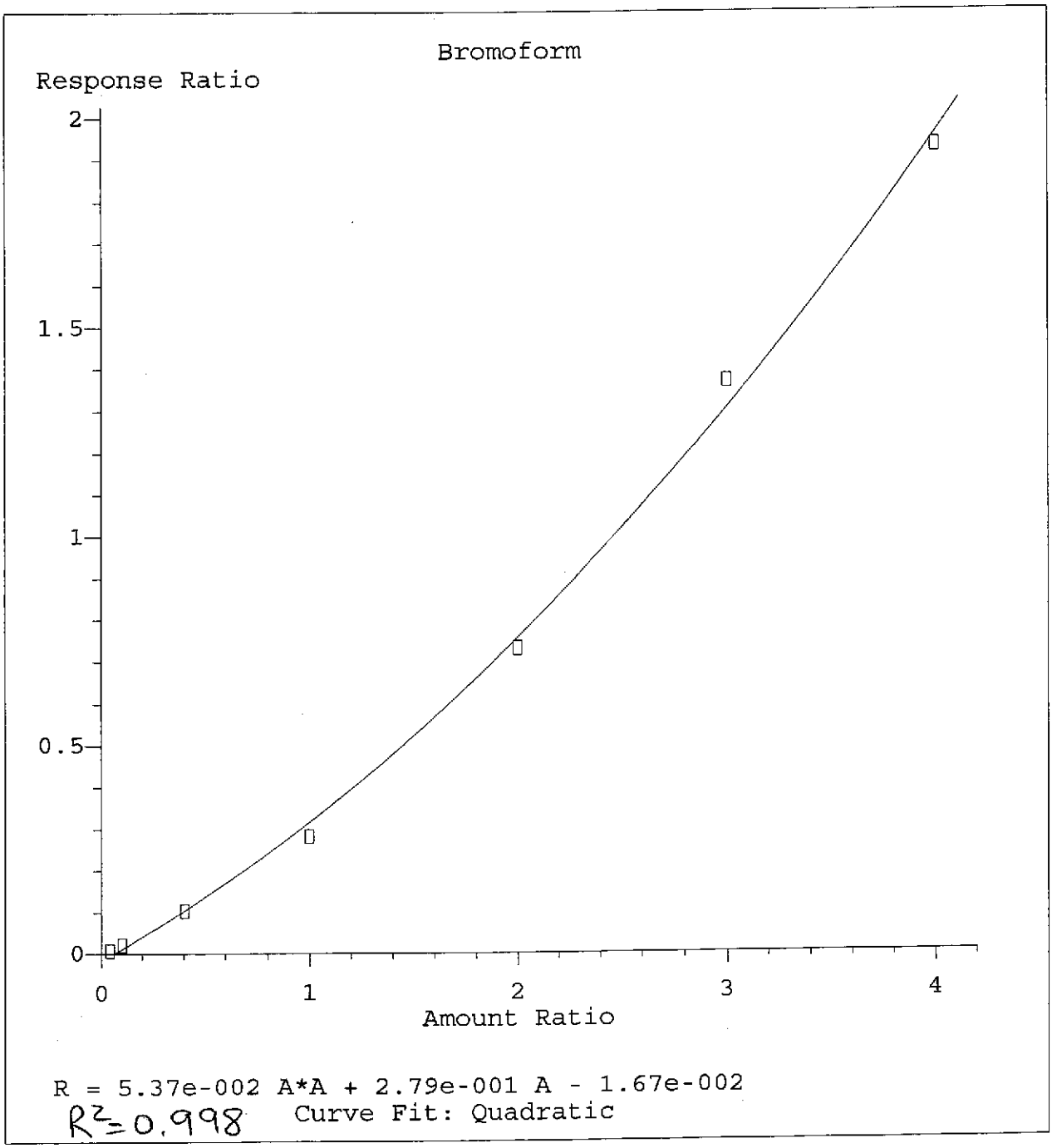
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:06 2007



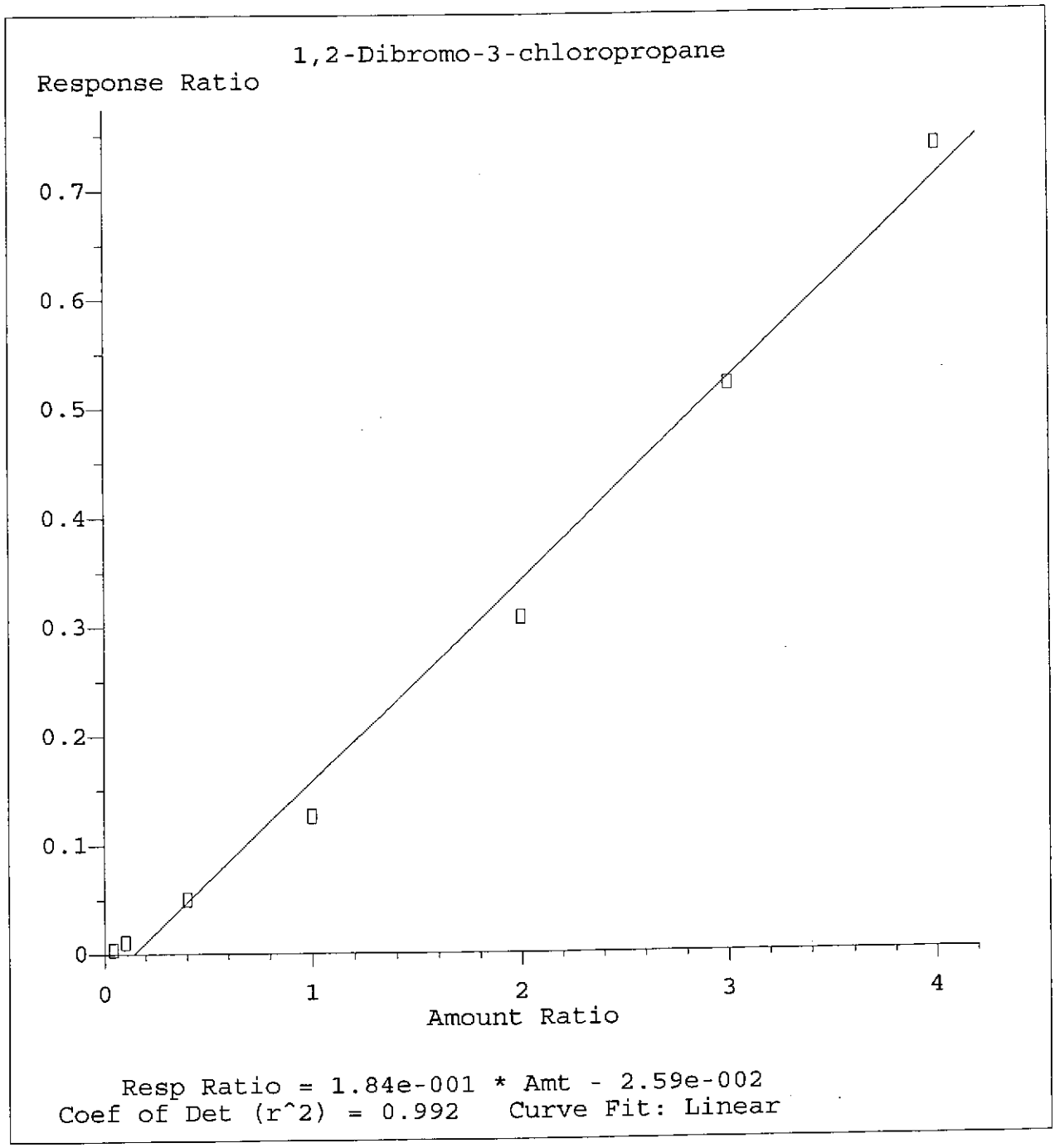
Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:22 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:58:42 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 12:59:02 2007



Method Name: C:\HPCHEM\1\METHODS\J625VOCS.M
Calibration Table Last Updated: Mon Jun 25 13:00:02 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Date of Initial Calibration: 25JUN07

Initial Calibration ID: 992

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:47:48 2007
Response via : Initial Calibration

1992

Calibration Files
0.5 =M1124.D 1.0 =M1125.D 2.0 =M1126.D
10 =M1127.D 20 =M1128.D 30 =M1129.D

		Compound	0.5	1.0	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.438	0.468	0.480	0.567	0.555	0.557	0.519	10.61
3)	P	Chloromethane	0.184	0.159	0.159	0.167	0.181	0.159	0.169	6.51
4)	CP	Vinyl chloride	0.147	0.149	0.178	0.189	0.181	0.162	0.172	11.25
5)		Bromomethane	0.244	0.243	0.257	0.259	0.202	0.253	0.245	8.17
6)		Chloroethane	0.099	0.115	0.114	0.125	0.094	0.120	0.112	10.11
7)		Trichlorofluorometh	0.762	0.776	0.809	0.917	0.830	0.881	0.837	7.01
8)		Acetone			0.029	0.027	0.025	0.027	0.027#	6.16
9)		Acrolein	0.009	0.009	0.009	0.009	0.010	0.010	0.009#	9.18
10)	CPM	1,1-Dichloroethene	0.197	0.225	0.229	0.244	0.237	0.237	0.230	7.09
11)		Methyl iodide	0.608	0.653	0.692	0.829	0.689	0.812	0.725	11.76
12)		1,1,2-Trichloro-1,2	0.648	0.677	0.709	0.755	0.746	0.727	0.711	5.32
13)		Methyl acetate	0.121	0.099	0.100	0.093	0.085	0.092	0.098	11.78
14)		Acrylonitrile	0.022	0.024	0.023	0.024	0.023	0.024	0.023#	3.63
15)		Methylene chloride		0.355	0.328	0.295	0.283	0.282	0.303	10.47
16)		Carbon disulfide	0.687	0.738	0.726	0.808	0.772	0.787	0.755	5.42
')		trans-1,2-Dichloroe	0.314	0.302	0.324	0.339	0.326	0.325	0.322	3.55
..d)		Methyl tert-Butyl e	0.445	0.473	0.472	0.467	0.451	0.458	0.459	2.48
19)	P	1,1-Dichloroethane	0.565	0.606	0.623	0.647	0.620	0.636	0.618	4.26
20)		Vinyl acetate	0.277	0.250	0.252	0.229	0.259	0.262	0.259	7.30
21)		2-Butanone	0.057	0.047	0.045	0.049	0.050	0.051	0.050#	7.55
22)		cis-1,2-Dichloroeth	0.335	0.346	0.350	0.372	0.355	0.345	0.349	3.57
23)		Bromochloromethane	0.216	0.225	0.214	0.213	0.204	0.210	0.211	4.33
24)	CP	Chloroform	0.797	0.829	0.863	0.878	0.849	0.832	0.838	3.26
25)		2,2-Dichloropropane	0.564	0.524	0.557	0.594	0.606	0.599	0.577	5.22
26)		Cyclohexane	0.337	0.334	0.353	0.370	0.351	0.344	0.347	3.57
27)	S	Dibromofluoromethan	0.753	0.827	0.808	0.830	0.786	0.793	0.795	3.64
28)	S	1,2-Dichloroethane-	0.314	0.322	0.322	0.320	0.304	0.299	0.311	3.63
29)		1,2-Dichloroethane	0.357	0.379	0.383	0.387	0.376	0.377	0.376	2.59
30)		1,1,1-Trichloroetha	0.672	0.697	0.733	0.777	0.764	0.767	0.738	5.38
31)		1,1-Dichloropropene	0.458	0.451	0.476	0.510	0.498	0.494	0.483	4.49
32)		Carbon tetrachlorid	0.714	0.712	0.760	0.826	0.800	0.815	0.775	6.09
33)	M	Benzene	0.772	0.788	0.771	0.820	0.825	0.813	0.799	2.77
34)	M	Trichloroethene	0.432	0.464	0.490	0.519	0.491	0.491	0.480	5.70
35)		Dibromomethane	0.330	0.357	0.370	0.378	0.363	0.364	0.360	4.23
36)		Methylcyclohexane	0.280	0.317	0.336	0.392	0.375	0.380	0.351	11.82
37)	CP	1,2-Dichloropropane	0.285	0.348	0.338	0.337	0.317	0.321	0.324	6.33
38)		Bromodichloromethan	0.780	0.848	0.906	0.960	0.926	0.953	0.899	7.14
39)		2-Chloroethylvinyl	0.082	0.097	0.092	0.106	0.105	0.106	0.099	9.07
40)		4-Methyl-2-pentanon	0.159	0.178	0.180	0.190	0.188	0.189	0.181	5.98
41)		cis-1,3-Dichloropro	0.442	0.496	0.510	0.557	0.538	0.553	0.520	7.87
·?)	S	Toluene-d8	0.784	0.815	0.838	0.918	0.902	0.903	0.863	5.90
3)	CPM	Toluene	0.487	0.523	0.557	0.584	0.564	0.559	0.549	6.01

6-25-07

(#) = Out of Range ### Number of calibration levels exceeded format ##"

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:47:48 2007
Response via : Initial Calibration

Calibration Files
0.5 =M1124.D 1.0 =M1125.D 2.0 =M1126.D
10 =M1127.D 20 =M1128.D 30 =M1129.D

		Compound	0.5	1.0	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.319	0.360	0.371	0.399	0.409	0.425	0.386	9.90
45)		1,1,2-Trichloroetha	0.217	0.241	0.249	0.250	0.235	0.239	0.239	4.57
46)		2-Hexanone	0.085	0.085	0.094	0.099	0.101	0.103	0.096	8.43
47)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------		
48)		1,2-Dibromoethane	0.718	0.751	0.770	0.771	0.827	0.816	0.779	4.91
49)		1,3-Dichloropropane	0.653	0.674	0.712	0.690	0.732	0.721	0.701	4.21
50)		Dibromochloromethan	1.153	1.228	1.200	1.247	1.299	1.294	1.249	4.82
51)		Tetrachloroethene	0.969	0.985	1.010	1.012	1.039	1.014	1.006	2.27
52)		1-Chlorohexane	0.588	0.616	0.634	0.677	0.725	0.709	0.664	7.86
53)		1,1,1,2-Tetrachloro	0.841	0.818	0.850	0.824	0.862	0.834	0.840	1.87
54)	PM	Chlorobenzene	1.318	1.379	1.384	1.344	1.350	1.286	1.332	3.39
55)	CP	Ethylbenzene	1.717	1.933	2.056	1.865	1.855	1.774	1.851	6.29
56)		(m+p)-Xylene	0.675	0.685	0.697	0.672	0.692	0.685	0.683	1.38
57)		o-Xylene	0.670	0.669	0.718	0.689	0.741	0.742	0.708	4.44
58)		Styrene	1.117	1.183	1.184	1.184	1.260	1.227	1.195	3.73
59)	P	Bromoform	0.581	0.617	0.651	0.696	0.778	0.784	0.698	12.09
)	S	Bromofluorobenzene	1.438	1.467	1.436	1.349	1.404	1.362	1.407	3.02
61)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------		
62)		trans-1,4-Dichloro-		0.060	0.075	0.085	0.082	0.084	0.079	13.60
63)	P	1,1,2,2-Tetrachloro	0.755	0.863	0.852	0.867	0.852	0.851	0.847	5.04
64)		Isopropylbenzene	2.286	2.476	2.501	2.602	2.560	2.550	2.503	4.16
65)		1,2,3-Trichloroprop	0.554	0.518	0.487	0.498	0.467	0.482	0.501	5.65
66)		Bromobenzene	0.975	0.996	1.010	1.023	0.971	0.967	0.984	2.73
67)		n-Propylbenzene	2.626	2.871	2.985	3.212	3.152	3.010	2.996	6.64
68)		2-Chlorotoluene	2.212	2.376	2.314	2.374	2.487	2.333	2.343	3.58
69)		4-Chlorotoluene	2.494	2.230	2.508	2.602	2.374	2.286	2.374	7.17
70)		1,3,5-Trimethylbenz	1.674	1.815	1.938	2.016	2.038	1.984	1.923	6.87
71)		tert-Butylbenzene	1.875	1.900	1.987	2.108	2.125	2.036	2.016	4.92
72)		1,2,4-Trimethylbenz	1.538	1.650	1.730	1.834	1.926	1.854	1.773	7.90
73)		sec-Butylbenzene	2.490	2.504	2.776	2.935	2.872	2.813	2.746	6.45
74)		1,3-Dichlorobenzene	1.502	1.595	1.664	1.669	1.633	1.599	1.606	3.57
75)		p-Isopropyltoluene	1.739	1.928	1.963	2.188	2.237	2.182	2.066	9.25
76)		1,4-Dichlorobenzene	1.369	1.486	1.497	1.551	1.515	1.504	1.487	3.82
77)		n-Butylbenzene	1.419	1.509	1.663	1.865	2.004	1.926	1.764	13.26
78)		1,2-Dichlorobenzene	1.364	1.427	1.461	1.518	1.466	1.448	1.443	3.31
79)		1,2-Dibromo-3-chlor	0.166	0.182	0.213	0.231	0.228	0.230	0.211	12.57
80)		1,2,4-Trichlorobenz	0.820	0.852	0.889	0.991	1.058	1.040	0.951	10.07
81)		Hexachlorobutadiene	0.844	0.779	0.836	0.884	0.845	0.830	0.835	3.74
82)		Naphthalene	0.615	0.650	0.698	0.728	0.857	0.858	0.749	13.58
83)		1,2,3-Trichlorobenz	0.720	0.763	0.811	0.891	0.964	0.929	0.859	11.01

(#) = Out of Range ### Number of calibration levels exceeded format ##"

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:54:14 2007
Response via : Initial Calibration

Calibration Files
40 =M1130.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.567		
3)	P	Chloromethane	0.176		
4)	CP	Vinyl chloride	0.195		
5)		Bromomethane	0.255		
6)		Chloroethane	0.119		
7)		Trichlorofluorometh	0.883		
8)		Acetone	0.025		
9)		Acrolein	0.010		
10)	CPM	1,1-Dichloroethene	0.243		
11)		Methyl iodide	0.789		
12)		1,1,2-Trichloro-1,2	0.714		
13)		Methyl acetate	0.093		
14)		Acrylonitrile	0.023		
15)		Methylene chloride	0.275		
16)		Carbon disulfide	0.767		
7)		trans-1,2-Dichloroe	0.323		
8)		Methyl tert-Butyl e	0.449		
19)	P	1,1-Dichloroethane	0.626		
20)		Vinyl acetate	0.287		
21)		2-Butanone	0.048		
22)		cis-1,2-Dichloroeth	0.337		
23)		Bromochloromethane	0.196		
24)	CP	Chloroform	0.820		
25)		2,2-Dichloropropane	0.598		
26)		Cyclohexane	0.341		
27)	S	Dibromofluoromethan	0.768		
28)	S	1,2-Dichloroethane-	0.296		
29)		1,2-Dichloroethane	0.372		
30)		1,1,1-Trichloroetha	0.754		
31)		1,1-Dichloropropene	0.490		
32)		Carbon tetrachlorid	0.800		
33)	M	Benzene	0.803		
34)	M	Trichloroethene	0.474		
35)		Dibromomethane	0.355		
36)		Methylcyclohexane	0.381		
37)	CP	1,2-Dichloropropane	0.324		
38)		Bromodichloromethan	0.921		
39)		2-Chloroethylvinyl	0.105		
40)		4-Methyl-2-pentanon	0.186		
41)		cis-1,3-Dichloropro	0.542		
42)	S	Toluene-d8	0.880		
3)	CPM	Toluene	0.568		

(#) = Out of Range ### Number of calibration levels exceeded format ###

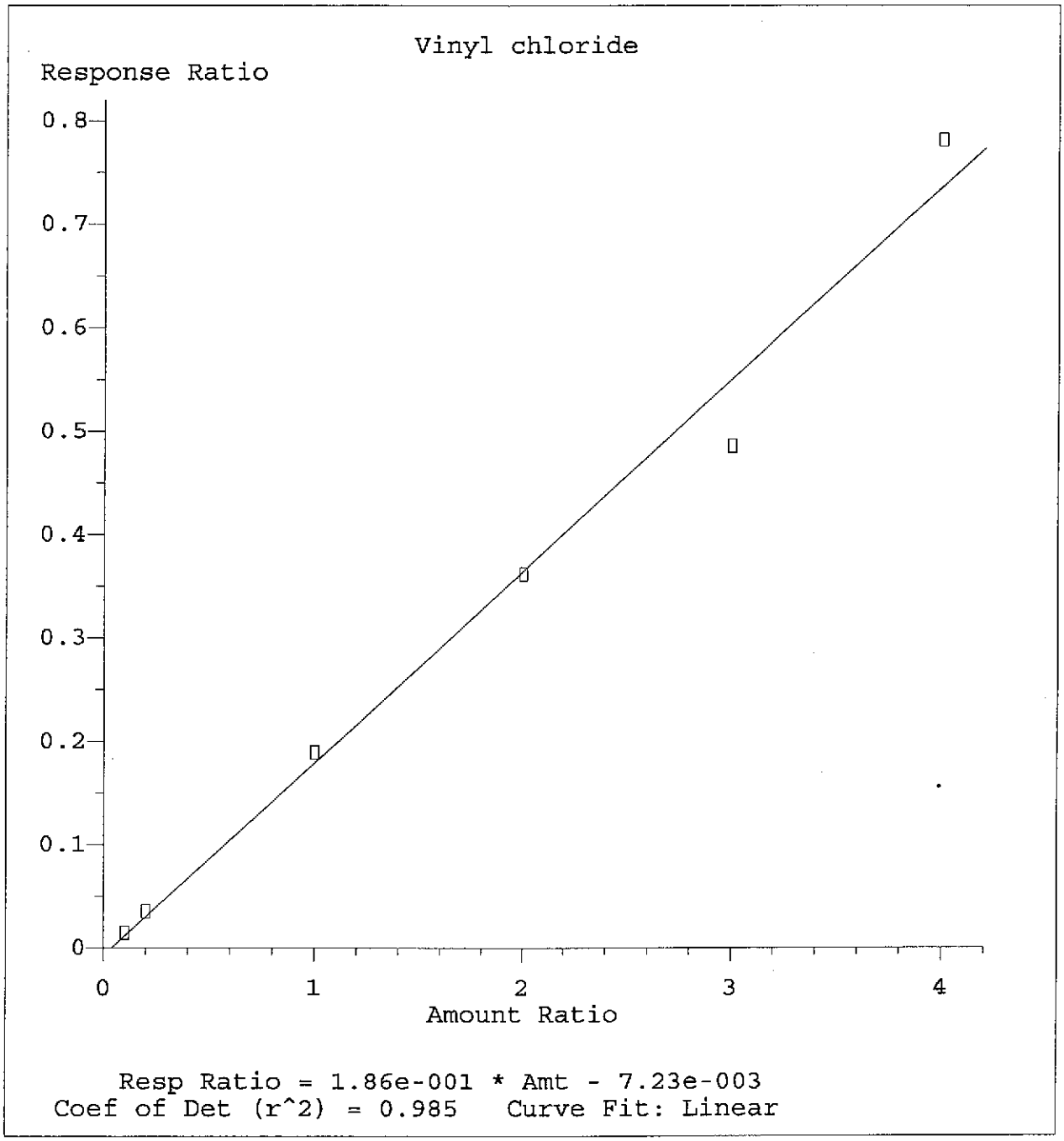
Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M625VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jun 25 14:54:14 2007
Response via : Initial Calibration

Calibration Files
40 =M1130.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.419	0.419	0.00
45)		1,1,2-Trichloroetha	0.238	0.238	0.00
46)		2-Hexanone	0.104	0.104	0.00
47)	I	Chlorobenzene-d5	----------ISTD----------		
48)		1,2-Dibromoethane	0.800		
49)		1,3-Dichloropropane	0.724		
50)		Dibromochloromethan	1.321		
51)		Tetrachloroethene	1.016		
52)		1-Chlorohexane	0.702		
53)		1,1,1,2-Tetrachloro	0.851		
54)	PM	Chlorobenzene	1.265		
55)	CP	Ethylbenzene	1.760		
56)		(m+p)-Xylene	0.676		
57)		o-Xylene	0.726		
58)		Styrene	1.208		
59)	P	Bromoform	0.779		
60)	S	Bromofluorobenzene	1.393		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.089		
63)	P	1,1,2,2-Tetrachloro	0.888		
64)		Isopropylbenzene	2.548		
65)		1,2,3-Trichloroprop	0.497		
66)		Bromobenzene	0.946		
67)		n-Propylbenzene	3.114		
68)		2-Chlorotoluene	2.306		
69)		4-Chlorotoluene	2.126		
70)		1,3,5-Trimethylbenz	1.996		
71)		tert-Butylbenzene	2.081		
72)		1,2,4-Trimethylbenz	1.883		
73)		sec-Butylbenzene	2.830		
74)		1,3-Dichlorobenzene	1.581		
75)		p-Isopropyltoluene	2.223		
76)		1,4-Dichlorobenzene	1.486		
77)		n-Butylbenzene	1.963		
78)		1,2-Dichlorobenzene	1.418		
79)		1,2-Dibromo-3-chlor	0.229		
80)		1,2,4-Trichlorobenz	1.008		
81)		Hexachlorobutadiene	0.825		
82)		Naphthalene	0.836		
83)		1,2,3-Trichlorobenz	0.935		

(#) = Out of Range ### Number of calibration levels exceeded format ###



Method Name: C:\HPCHEM\1\METHODS\M625VOCW.M
Calibration Table Last Updated: Tue Jun 26 09:35:59 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 09JUL07

Initial Calibration ID: 996

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J709VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 10:03:15 2007
Response via : Continuing Calibration 1996

Calibration Files
2.0 =J3607.D 5.0 =J3608.D 20 =J3609.D
50 =J3610.D 100 =J3611.D 150 =J3615.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.091	0.122	0.128	0.111	0.128	0.138	0.121	12.84
3)	P	Chloromethane	0.252	0.205	0.197	0.181	0.197	0.203	0.204	10.96
4)	CP	Vinyl chloride	0.253	0.234	0.240	0.227	0.259	0.275	0.250	6.72
5)		Bromomethane	0.279	0.245	0.203	0.178	0.189	0.202	0.213	16.89
6)		Chloroethane	0.231	0.172	0.144	0.125	0.130	0.137	0.153	24.62
7)		Trichlorofluorometh	0.480	0.462	0.424	0.353	0.373	0.416	0.409	12.34
8)		Acetone	0.109	0.085	0.081	0.070	0.077		0.085	17.41
9)		Acrolein	0.035	0.036	0.043	0.037	0.044	0.033	0.038	10.52
10)	CPM	1,1-Dichloroethene	0.152	0.158	0.169	0.167	0.186	0.196	0.174	9.99
11)		Methyl iodide	0.060	0.076	0.101	0.126	0.178	0.209	0.136	44.90
12)		1,1,2-Trichloro-1,2	0.175	0.198	0.206	0.194	0.218	0.231	0.206	8.91
13)		Methyl acetate	0.194	0.161	0.167	0.153	0.162	0.120	0.157	14.30
14)		Acrylonitrile	0.068	0.071	0.082	0.071	0.081	0.062	0.073	9.87
15)		Methylene chloride	1.122	0.247	0.324	0.246	0.229	0.238	0.376	87.87
16)		Carbon disulfide	0.675	0.631	0.674	0.633	0.741	0.771	0.696	8.11
17)		trans-1,2-Dichloroe	0.186	0.208	0.216	0.209	0.234	0.239	0.218	8.81
18)		Methyl tert-Butyl e	0.390	0.480	0.529	0.509	0.564	0.474	0.494	11.13
19)	P	1,1-Dichloroethane	0.363	0.416	0.418	0.408	0.440	0.420	0.411	5.69
20)		Vinyl acetate	0.187	0.244	0.270	0.268	0.308	0.269	0.265	15.47
21)		2-Butanone	0.105	0.103	0.120	0.105	0.116	0.080	0.105	12.22
22)		cis-1,2-Dichloroeth	0.191	0.225	0.238	0.234	0.259	0.259	0.238	10.28
23)		Bromochloromethane	0.069	0.083	0.095	0.087	0.098	0.097	0.089	11.94
24)	CP	Chloroform	0.339	0.375	0.388	0.374	0.406	0.391	0.380	5.55
25)		2,2-Dichloropropane	0.255	0.300	0.313	0.314	0.354	0.362	0.322	12.06
26)		Cyclohexane	0.298	0.371	0.410	0.406	0.447	0.433	0.400	12.81
27)	S	Dibromofluoromethan	0.183	0.178	0.179	0.170	0.188	0.186	0.181	3.45
28)	S	1,2-Dichloroethane-	0.239	0.219	0.218	0.205	0.216	0.190	0.212	7.64
29)		1,2-Dichloroethane	0.211	0.248	0.255	0.246	0.264	0.231	0.243	7.15
30)		1,1,1-Trichloroetha	0.255	0.304	0.319	0.318	0.352	0.359	0.323	11.38
31)		1,1-Dichloropropene	0.232	0.268	0.309	0.307	0.336	0.336	0.303	12.99
32)		Carbon tetrachlorid	0.178	0.187	0.203	0.204	0.222	0.248	0.213	13.20
33)	M	Benzene	0.856	0.981	1.031	0.985	1.052	0.982	0.972	6.87
34)	M	Trichloroethene	0.209	0.228	0.238	0.230	0.262	0.267	0.243	9.32
35)		Dibromomethane	0.080	0.100	0.114	0.109	0.118	0.106	0.106	12.05
36)		Methylcyclohexane	0.318	0.375	0.403	0.390	0.456	0.476	0.410	13.56
37)	CP	1,2-Dichloropropane	0.189	0.215	0.225	0.226	0.244	0.228	0.223	7.84
38)		Bromodichloromethan	0.190	0.222	0.252	0.242	0.273	0.259	0.244	11.94
39)		2-Chloroethylvinyl		0.002	0.002	0.002	0.002	0.002	0.002	16.02
40)		4-Methyl-2-pentanon	0.150	0.162	0.211	0.192	0.217		0.187	15.89
41)		cis-1,3-Dichloropro	0.213	0.272	0.314	0.319	0.365	0.346	0.312	17.10
42)	S	Toluene-d8	0.762	0.768	0.804	0.771	0.837	0.820	0.790	3.82
43)	CPM	Toluene	0.729	0.558	0.638	0.602	0.647	0.653	0.636	8.22

ABM 7-10-07

(#) = Out of Range ### Number of calibration levels exceeded format ##"

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J709VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 10:03:15 2007
Response via : Continuing Calibration

Calibration Files
2.0 =J3607.D 5.0 =J3608.D 20 =J3609.D
50 =J3610.D 100 =J3611.D 150 =J3615.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.176	0.222	0.262	0.265	0.306	0.282	0.259	17.68
45)		1,1,2-Trichloroetha	0.117	0.140	0.150	0.142	0.156	0.136	0.141	8.85
46)		2-Hexanone	0.096	0.108	0.144	0.137	0.156		0.128	19.68
47)		1,2-Dibromoethane	0.105	0.133	0.150	0.145	0.161	0.146	0.142	13.00
48)	I	Chlorobenzene-d5	----------	ISTD	----------					
49)		1,3-Dichloropropane	0.635	0.775	0.816	0.783	0.847	0.753	0.769	8.68
50)		Dibromochloromethan	0.276	0.340	0.357	0.371	0.432	0.423	0.375	15.23
51)		Tetrachloroethene	0.354	0.437	0.454	0.433	0.508	0.569	0.470	15.41
52)		1-Chlorohexane	0.579	0.685	0.744	0.750	0.858	0.923	0.773	15.44
53)		1,1,1,2-Tetrachloro	0.337	0.382	0.386	0.400	0.460	0.477	0.415	12.64
54)	PM	Chlorobenzene	1.375	1.521	1.545	1.480	1.640	1.681	1.548	6.65
55)	CP	Ethylbenzene	2.789	2.757	2.901	2.803	3.008	2.839	2.804	5.23
56)		(m+p)-Xylene	0.792	0.868	0.934	0.918	1.045	1.061	0.945	10.24
57)		o-Xylene	0.666	0.758	0.857	0.859	0.975	1.010	0.872	14.63
58)		Styrene	0.929	1.158	1.384	1.411	1.606	1.624	1.382	18.61
59)	P	Bromoform	0.118	0.141	0.167	0.177	0.217	0.207	0.178	21.86
60)	S	Bromofluorobenzene	0.677	0.540	0.570	0.569	0.638	0.661	0.615	8.77
61)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
62)		trans-1,4-Dichloro-	0.104	0.119	0.154	0.157	0.185	0.154	0.150	19.76
63)	P	1,1,2,2-Tetrachloro	0.917	1.061	1.113	1.068	1.105	0.883	1.019	9.04
64)		Isopropylbenzene	3.465	4.288	4.811	4.710	5.032	4.517	4.445	11.49
65)		1,2,3-Trichloroprop	0.777	0.892	0.962	0.881	0.914	0.706	0.850	10.32
66)		Bromobenzene	0.734	0.792	0.896	0.864	0.964	0.971	0.889	11.18
67)		n-Propylbenzene	4.074	5.095	5.631	5.476	5.869	5.107	5.137	11.83
68)		2-Chlorotoluene	2.689	3.103	3.394	3.287	3.586	3.388	3.266	8.97
69)		4-Chlorotoluene	2.206	2.676	2.905	2.792	3.032	2.877	2.766	9.75
70)		1,3,5-Trimethylbenz	2.237	2.916	3.257	3.118	3.446	3.288	3.072	13.11
71)		tert-Butylbenzene	2.088	2.616	2.940	2.935	3.259	3.152	2.869	13.97
72)		1,2,4-Trimethylbenz	2.031	2.698	3.022	2.874	3.175	3.009	2.827	13.45
73)		sec-Butylbenzene	3.564	4.400	4.762	4.756	5.104	4.650	4.508	10.87
74)		1,3-Dichlorobenzene	1.307	1.470	1.526	1.465	1.610	1.627	1.515	7.48
75)		p-Isopropyltoluene	2.247	2.976	3.408	3.306	3.688	3.579	3.228	15.10
76)		1,4-Dichlorobenzene	1.848	1.499	1.568	1.427	1.531	1.550	1.563	8.53
77)		n-Butylbenzene	2.421	3.000	3.258	3.127	3.418	3.323	3.096	10.61
78)		1,2-Dichlorobenzene	1.150	1.276	1.366	1.284	1.404	1.415	1.324	7.08
79)		1,2-Dibromo-3-chlor	0.081	0.086	0.115	0.111	0.118	0.098	0.099	15.57
80)		1,2,4-Trichlorobenz	0.548	0.713	0.700	0.660	0.717	0.701	0.661	10.22
81)		Hexachlorobutadiene	0.313	0.383	0.406	0.383	0.447	0.491	0.403	13.80
82)		Naphthalene	1.235	1.357	1.504	1.457	1.379	1.100	1.323	10.73
83)		1,2,3-Trichlorobenz	0.538	0.655	0.660	0.627	0.616	0.542	0.596	9.46

(#) = Out of Range ### Number of calibration levels exceeded format ###
J709VOCS.M Tue Jul 10 10:10:53 2007 P

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J709VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 10:18:07 2007
Response via : Continuing Calibration

Calibration Files
200 =J3613.D = =
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		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.127		
3)	P	Chloromethane	0.194		
4)	CP	Vinyl chloride	0.261		
5)		Bromomethane	0.192		
6)		Chloroethane	0.132		
7)		Trichlorofluorometh	0.357		
8)		Acetone			
9)		Acrolein	0.040		
10)	CPM	1,1-Dichloroethene	0.192		
11)		Methyl iodide	0.204		
12)		1,1,2-Trichloro-1,2	0.217		
13)		Methyl acetate	0.145		
14)		Acrylonitrile	0.075		
15)		Methylene chloride	0.226		
16)		Carbon disulfide	0.746		
17)		trans-1,2-Dichloroe	0.236		
18)		Methyl tert-Butyl e	0.510		
19)	P	1,1-Dichloroethane	0.416		
20)		Vinyl acetate	0.306		
21)		2-Butanone	0.109		
22)		cis-1,2-Dichloroeth	0.256		
23)		Bromochloromethane	0.098		
24)	CP	Chloroform	0.390		
25)		2,2-Dichloropropane	0.358		
26)		Cyclohexane	0.431		
27)	S	Dibromofluoromethan	0.186		
28)	S	1,2-Dichloroethane--	0.198		
29)		1,2-Dichloroethane	0.244		
30)		1,1,1-Trichloroetha	0.352		
31)		1,1-Dichloropropene	0.332		
32)		Carbon tetrachlorid	0.249		
33)	M	Benzene	0.918		
34)	M	Trichloroethene	0.266		
35)		Dibromomethane	0.113		
36)		Methylcyclohexane	0.453		
37)	CP	1,2-Dichloropropane	0.233		
38)		Bromodichloromethan	0.266		
39)		2-Chloroethylvinyl	0.002		
40)		4-Methyl-2-pentanon			
41)		cis-1,3-Dichloropro	0.354		
42)	S	Toluene-d8	0.767		
43)	CPM	Toluene	0.627		

(#) = Out of Range ### Number of calibration levels exceeded format ##

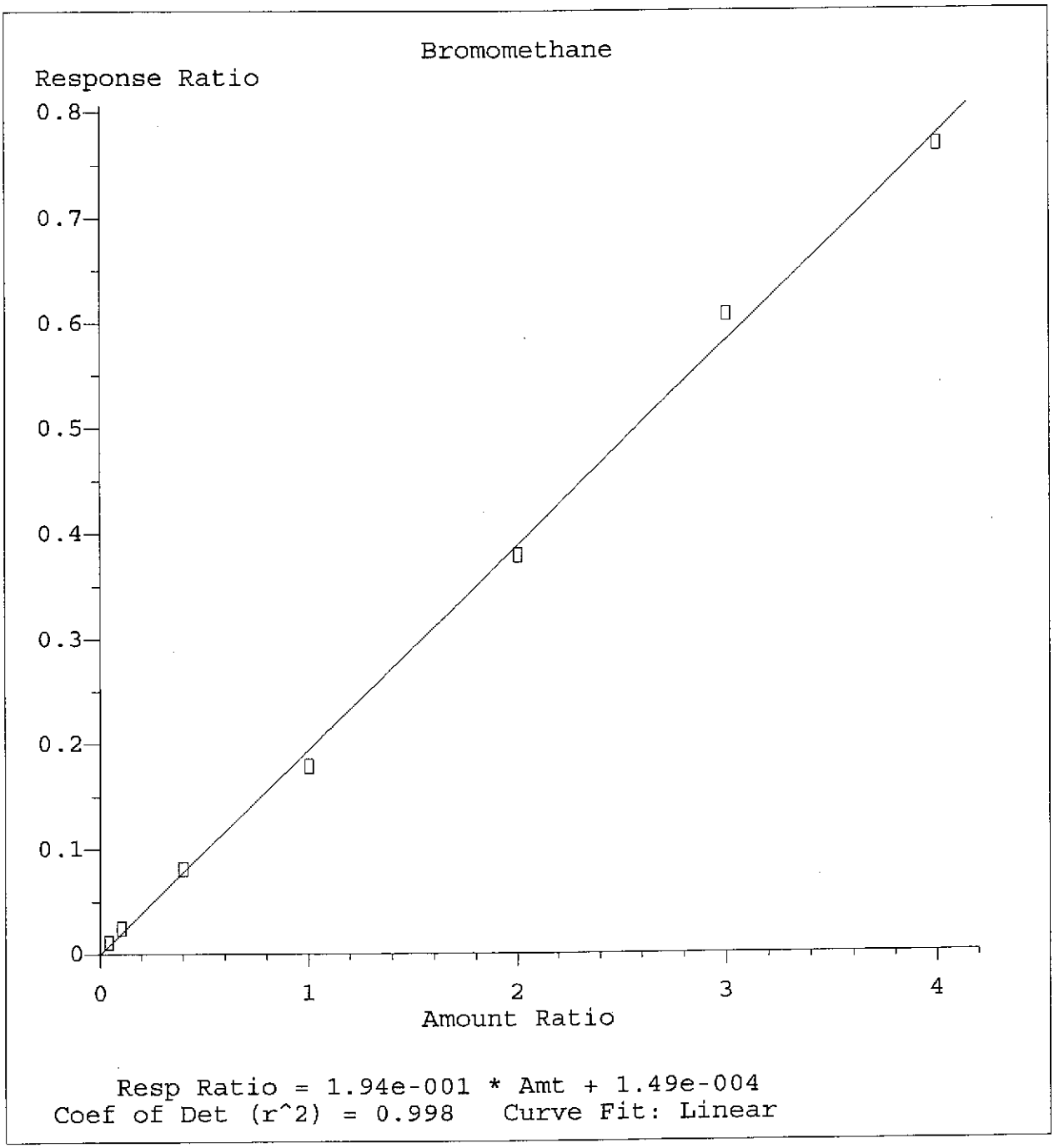
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J709VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 10:18:07 2007
Response via : Continuing Calibration

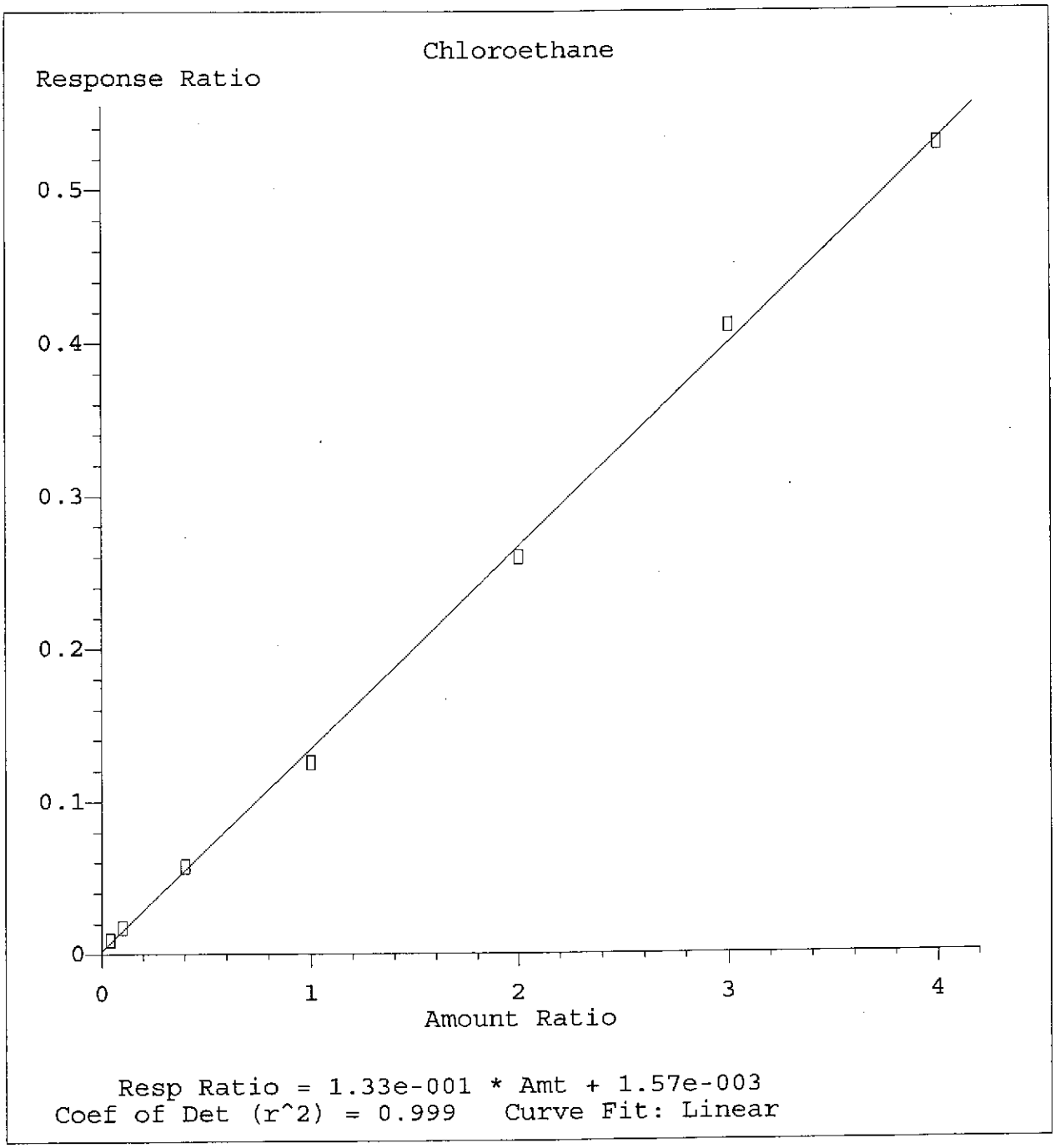
Calibration Files
200 =J3613.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.299		
45)		1,1,2-Trichloroetha	0.144		
46)		2-Hexanone			
47)		1,2-Dibromoethane	0.153		
48)	I	Chlorobenzene-d5	----------ISTD----------		
49)		1,3-Dichloropropane	0.775		
50)		Dibromochloromethan	0.427		
51)		Tetrachloroethene	0.533		
52)		1-Chlorohexane	0.868		
53)		1,1,1,2-Tetrachloro	0.464		
54)	PM	Chlorobenzene	1.594		
55)	CP	Ethylbenzene	2.532		
56)		(m+p)-Xylene	0.995		
57)		o-Xylene	0.982		
58)		Styrene	1.562		
59)	P	Bromoform	0.219		
60)	S	Bromofluorobenzene	0.648		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.180		
63)	P	1,1,2,2-Tetrachloro	0.982		
64)		Isopropylbenzene	4.288		
65)		1,2,3-Trichloroprop	0.820		
66)		Bromobenzene	1.003		
67)		n-Propylbenzene	4.705		
68)		2-Chlorotoluene	3.413		
69)		4-Chlorotoluene	2.871		
70)		1,3,5-Trimethylbenz	3.240		
71)		tert-Butylbenzene	3.089		
72)		1,2,4-Trimethylbenz	2.977		
73)		sec-Butylbenzene	4.320		
74)		1,3-Dichlorobenzene	1.600		
75)		p-Isopropyltoluene	3.388		
76)		1,4-Dichlorobenzene	1.520		
77)		n-Butylbenzene	3.127		
78)		1,2-Dichlorobenzene	1.371		
79)		1,2-Dibromo-3-chlor	0.086		
80)		1,2,4-Trichlorobenz	0.586		
81)		Hexachlorobutadiene	0.394		
82)		Naphthalene	1.229		
83)		1,2,3-Trichlorobenz	0.533		

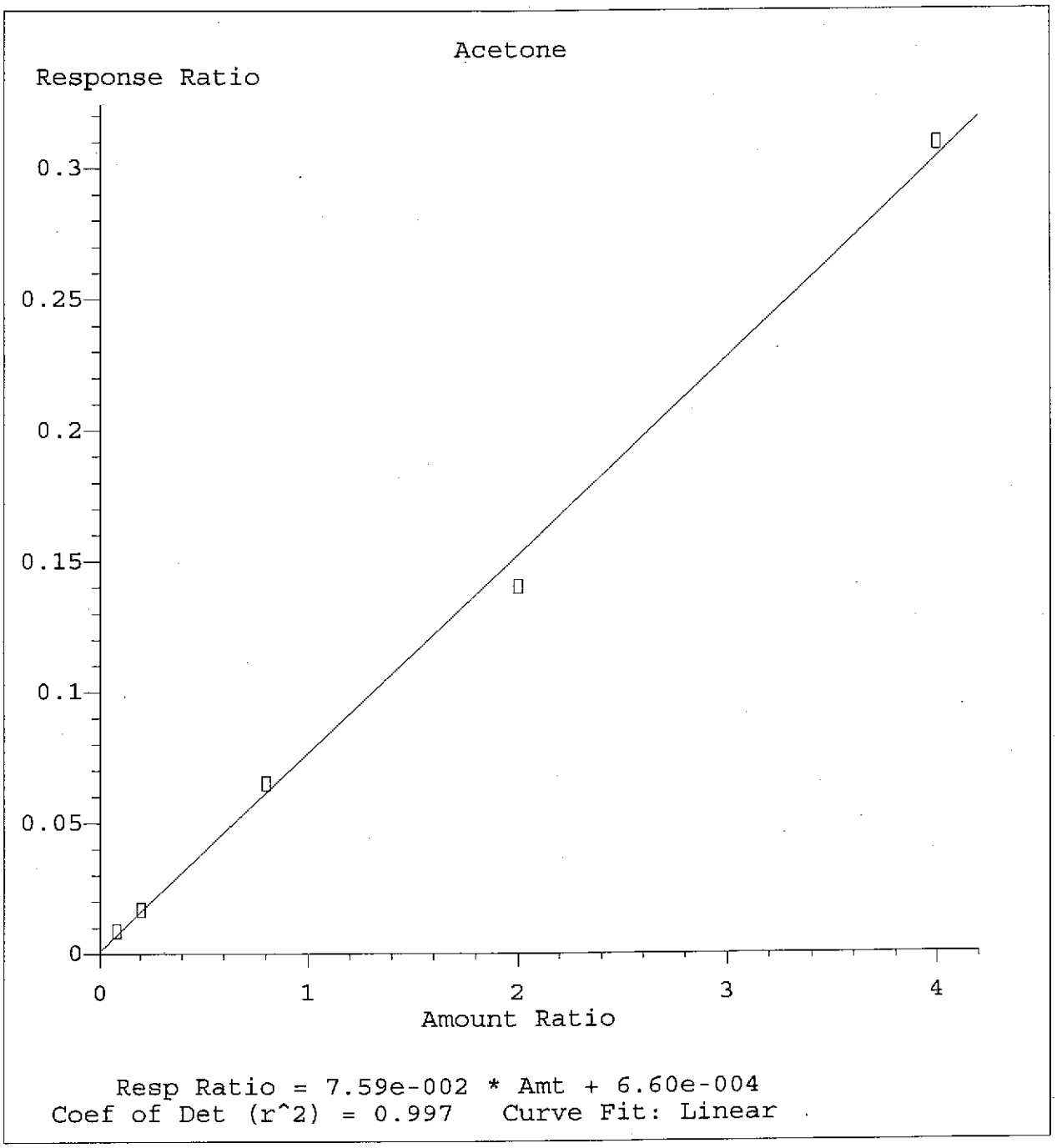
(#) = Out of Range ### Number of calibration levels exceeded format ##



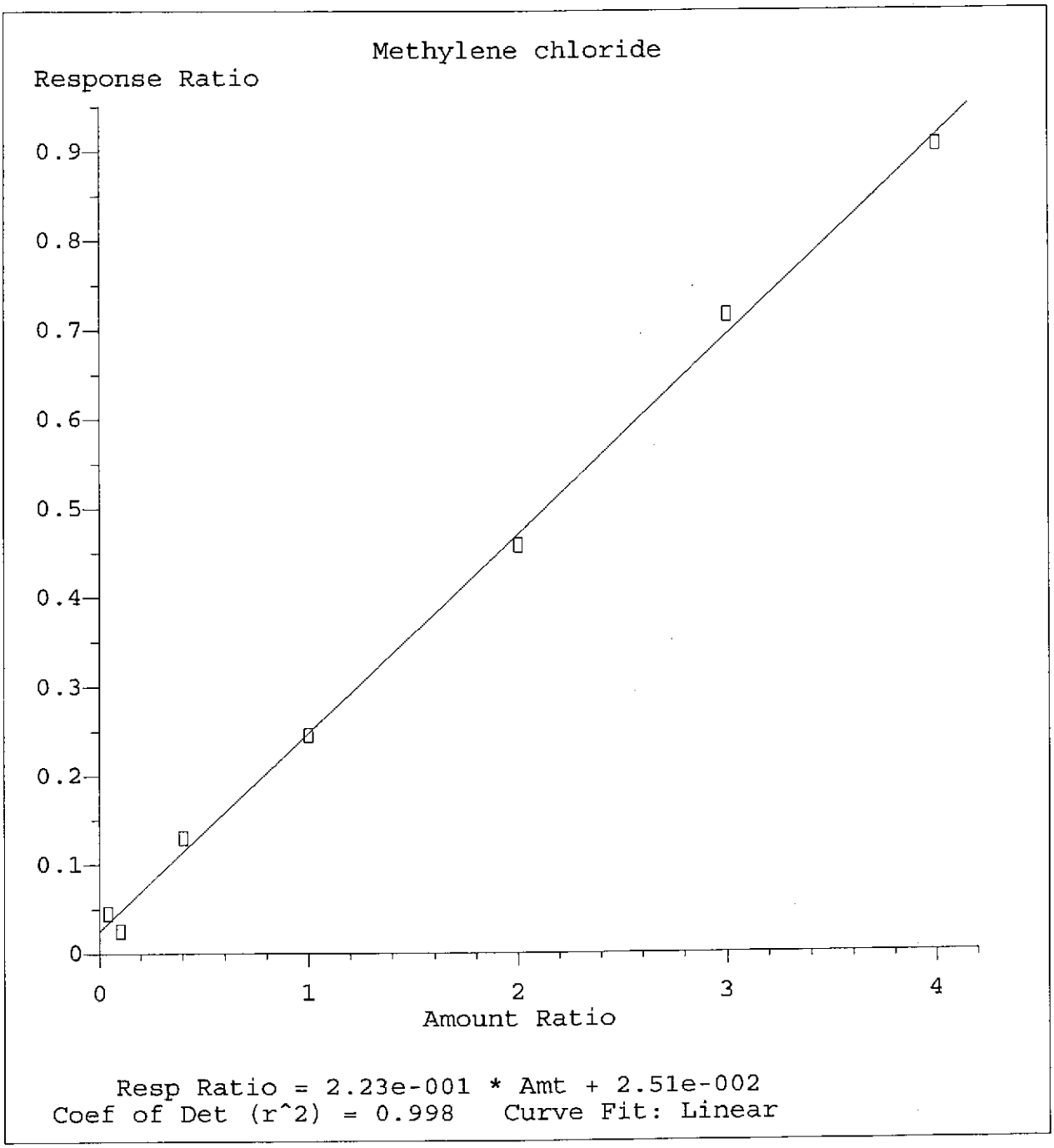
Method Name: C:\HPCHEM\1\METHODS\J709VOCS.M
Calibration Table Last Updated: Tue Jul 10 09:33:23 2007



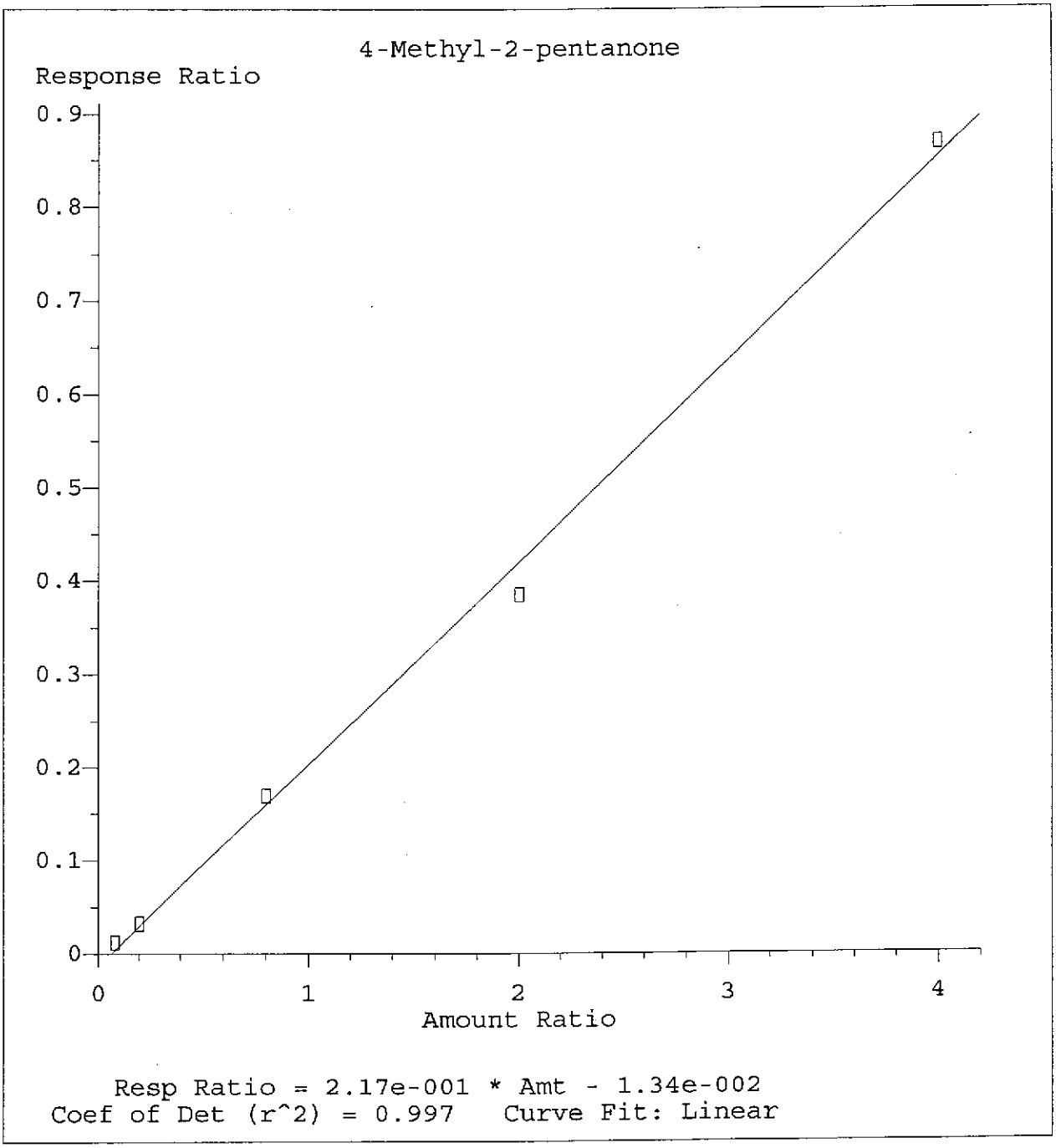
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Calibration Table Last Updated: Tue Jul 10 09:34:27 2007



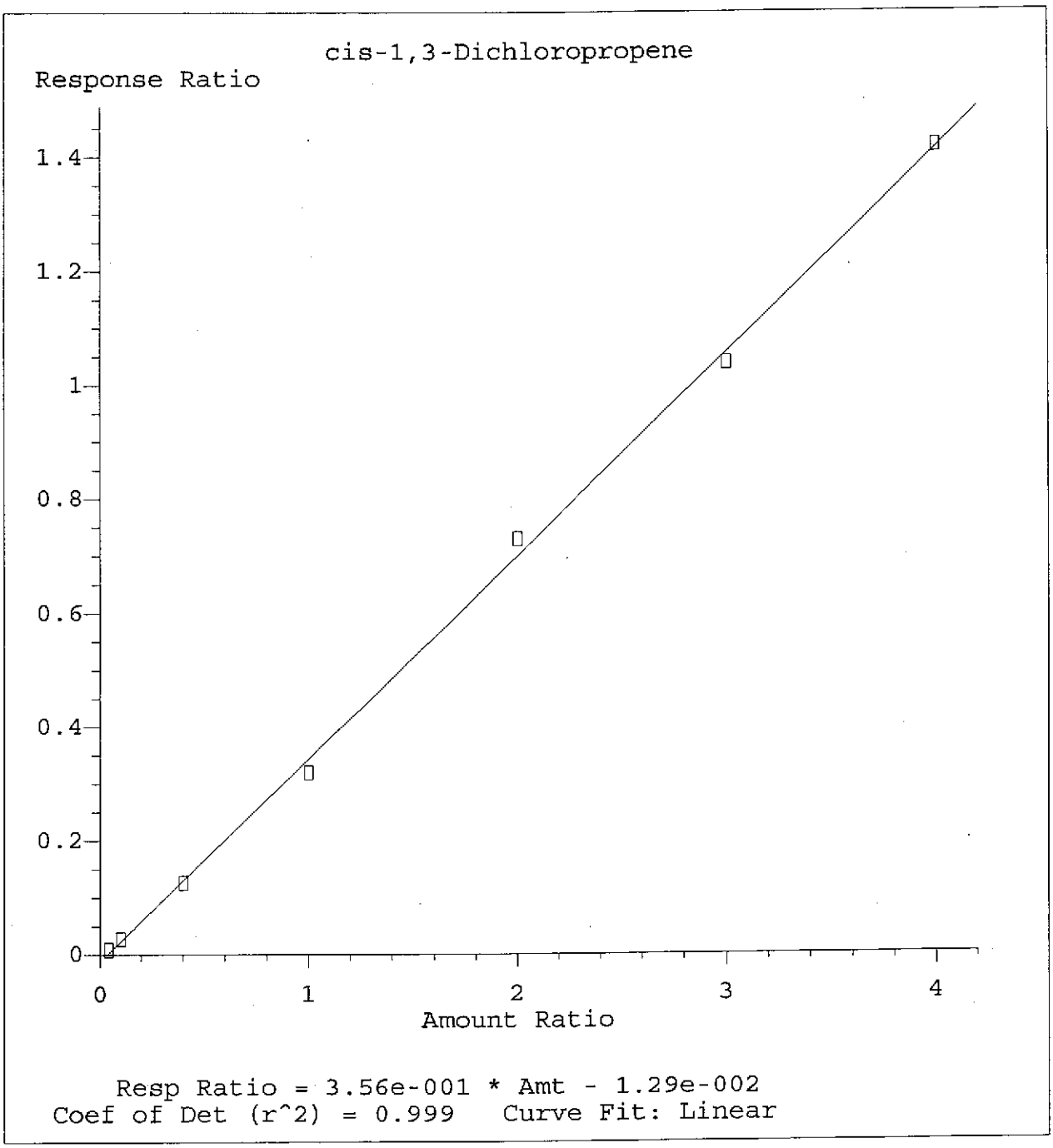
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Calibration Table Last Updated: Tue Jul 10 10:03:15 2007



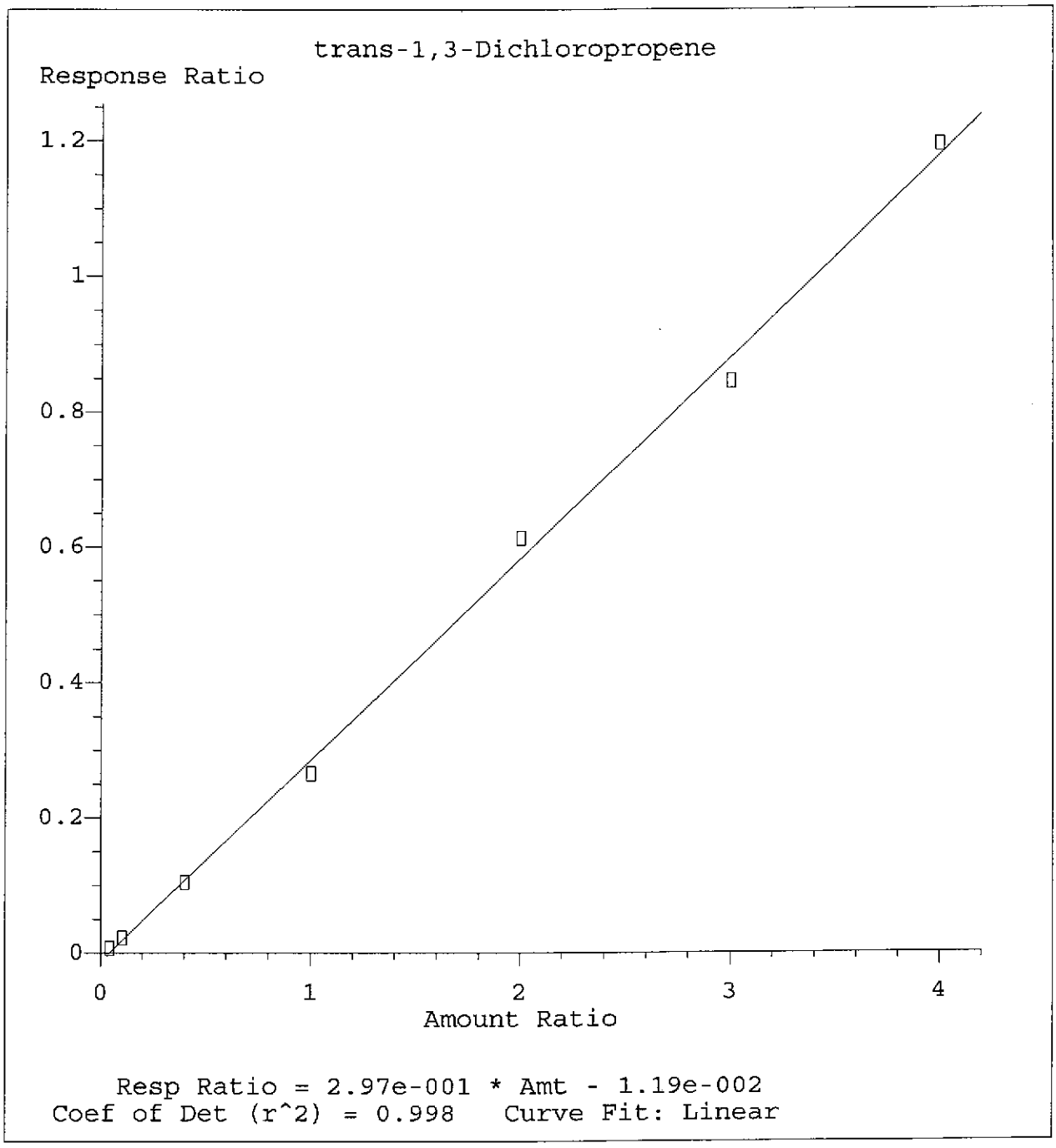
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Calibration Table Last Updated: Tue Jul 10 09:53:46 2007



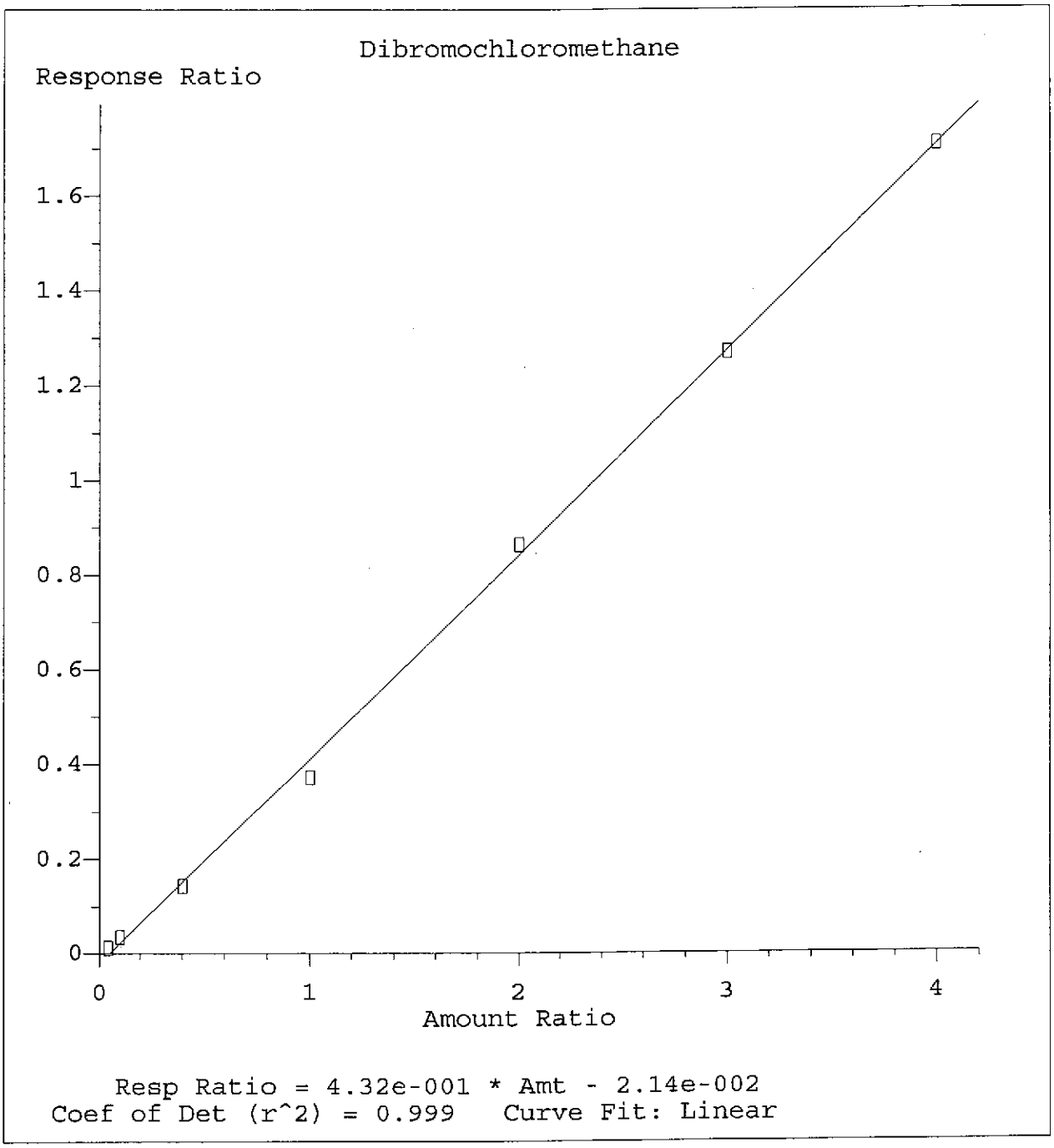
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Calibration Table Last Updated: Tue Jul 10 10:08:47 2007



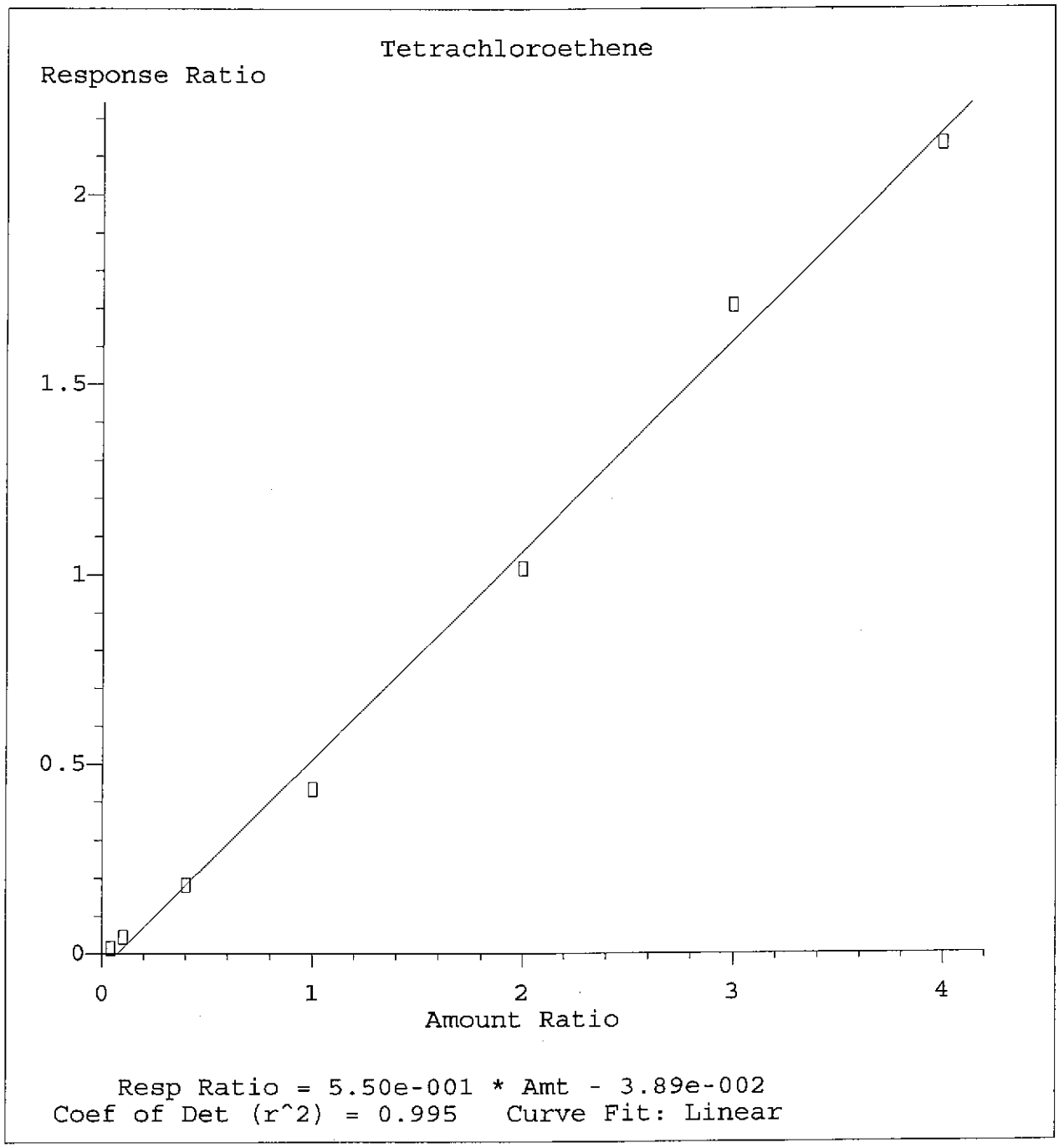
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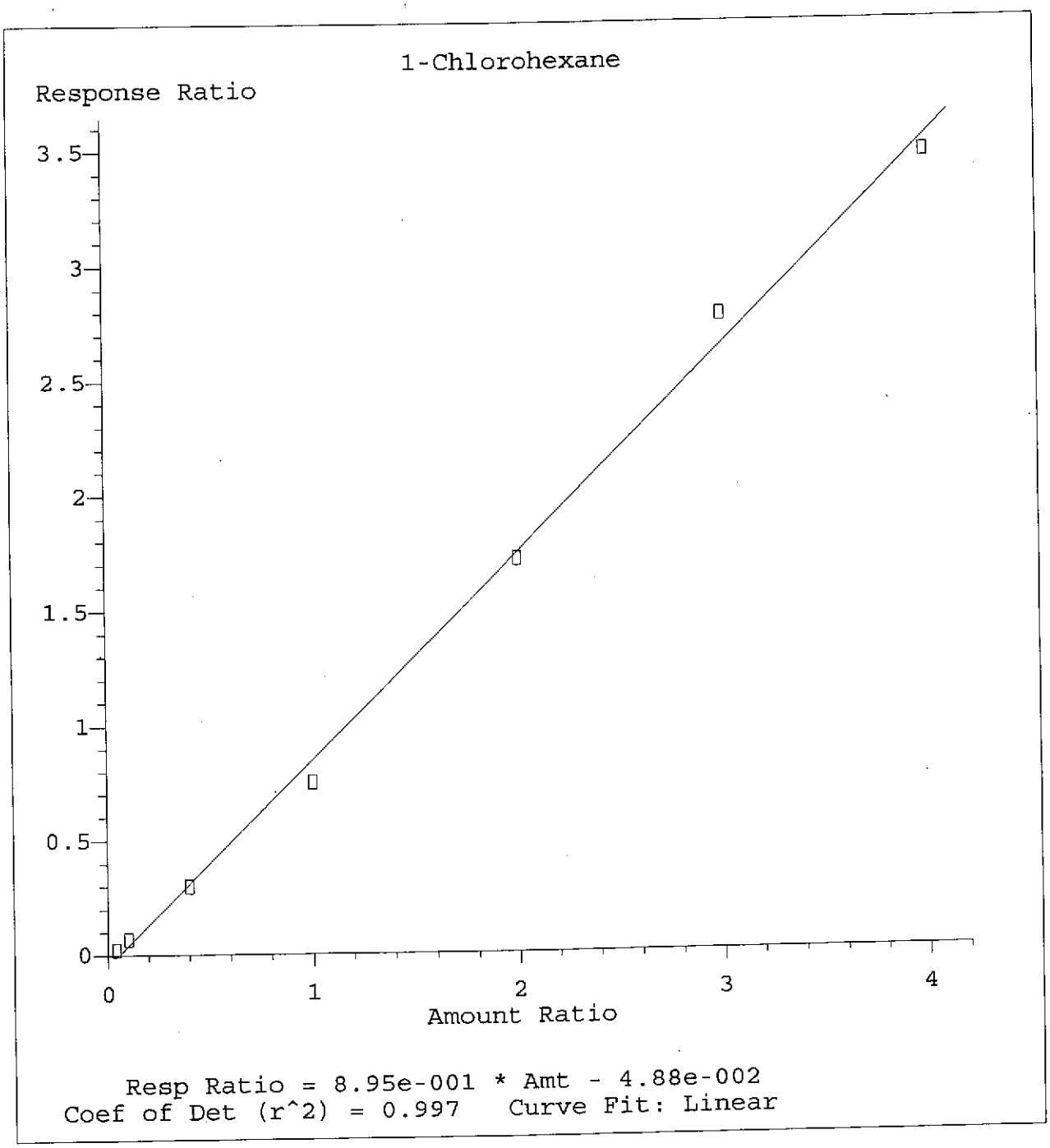
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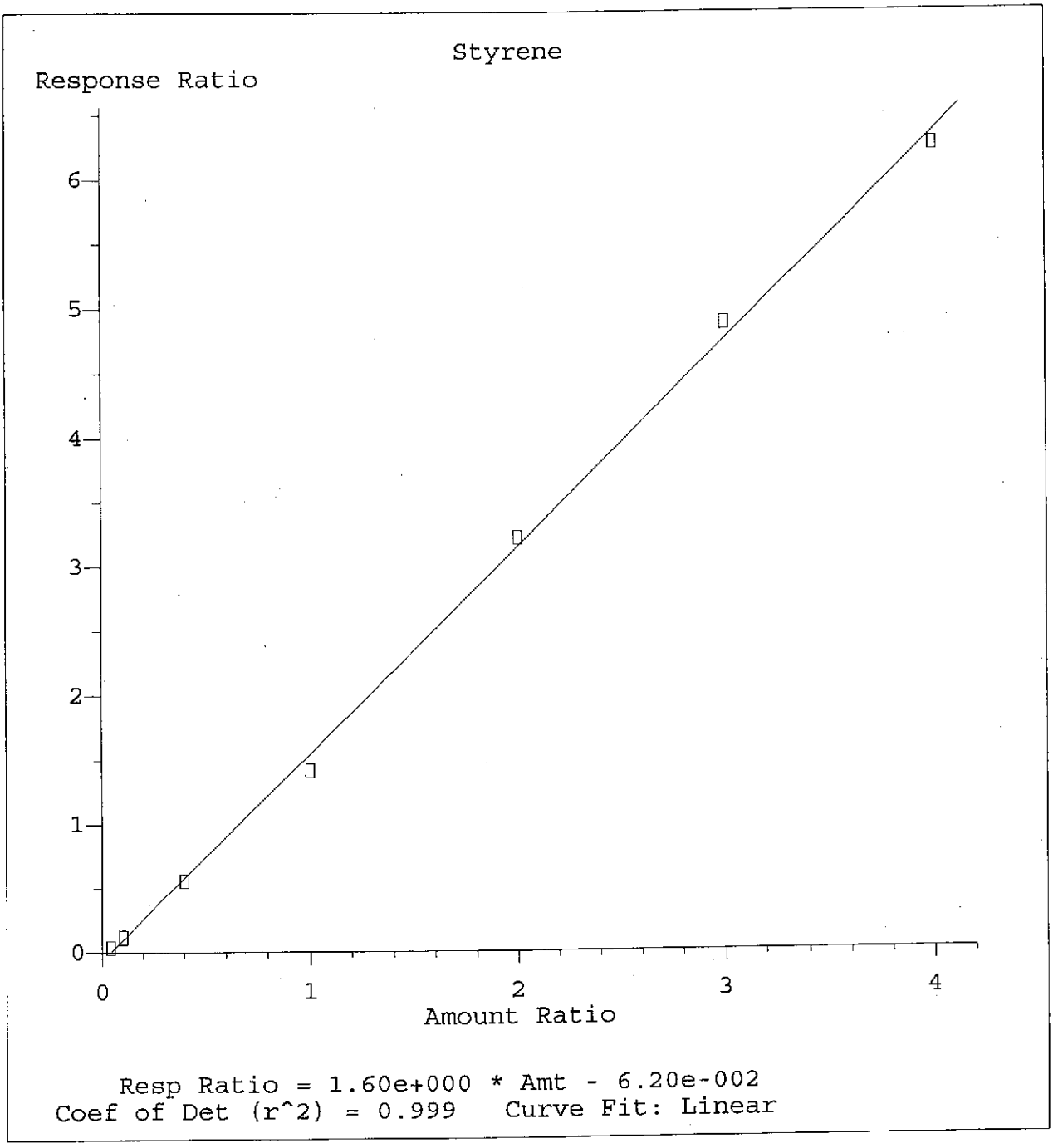
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Calibration Table Last Updated: Tue Jul 10 09:58:30 2007



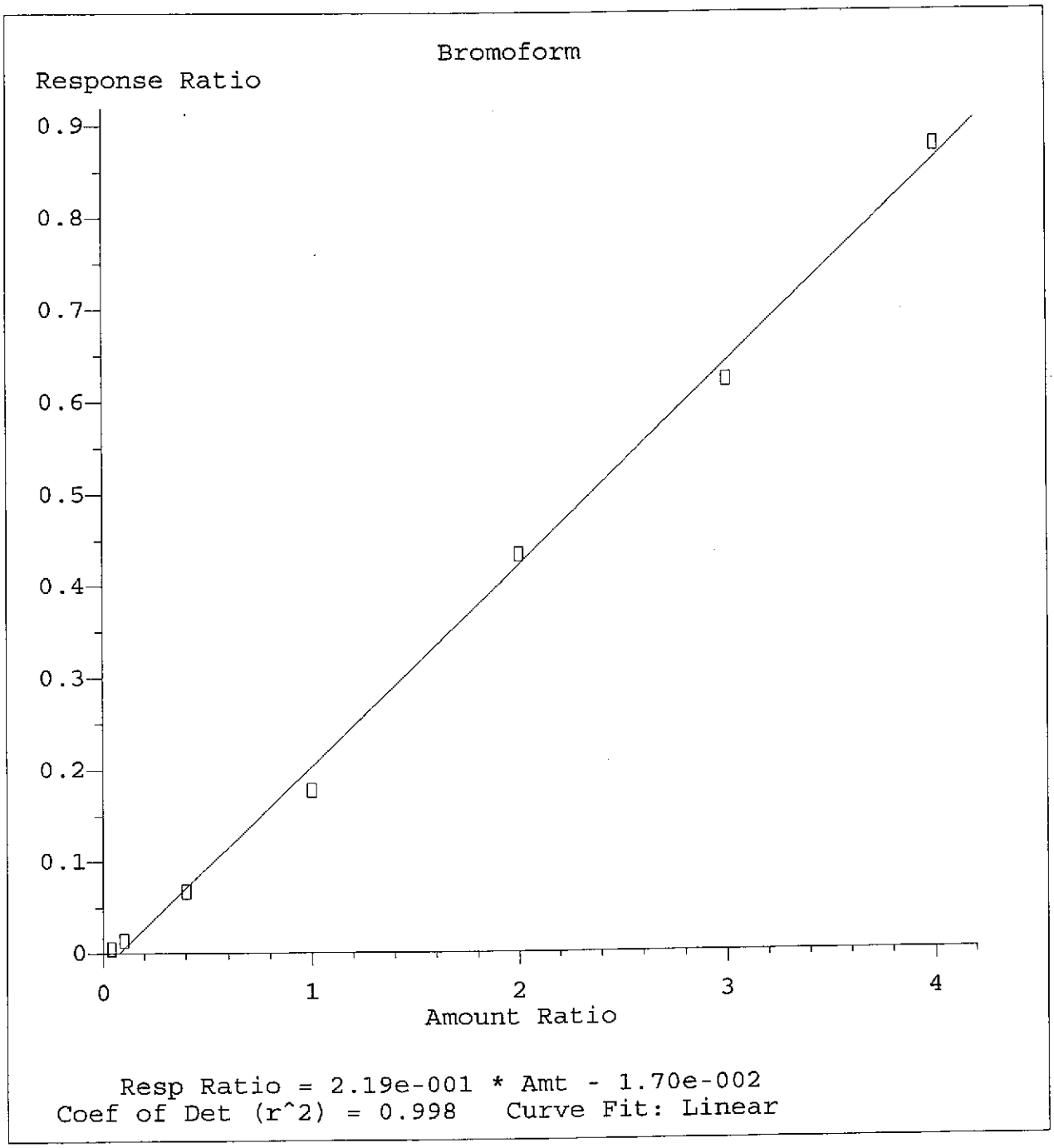
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Calibration Table Last Updated: Tue Jul 10 09:59:09 2007



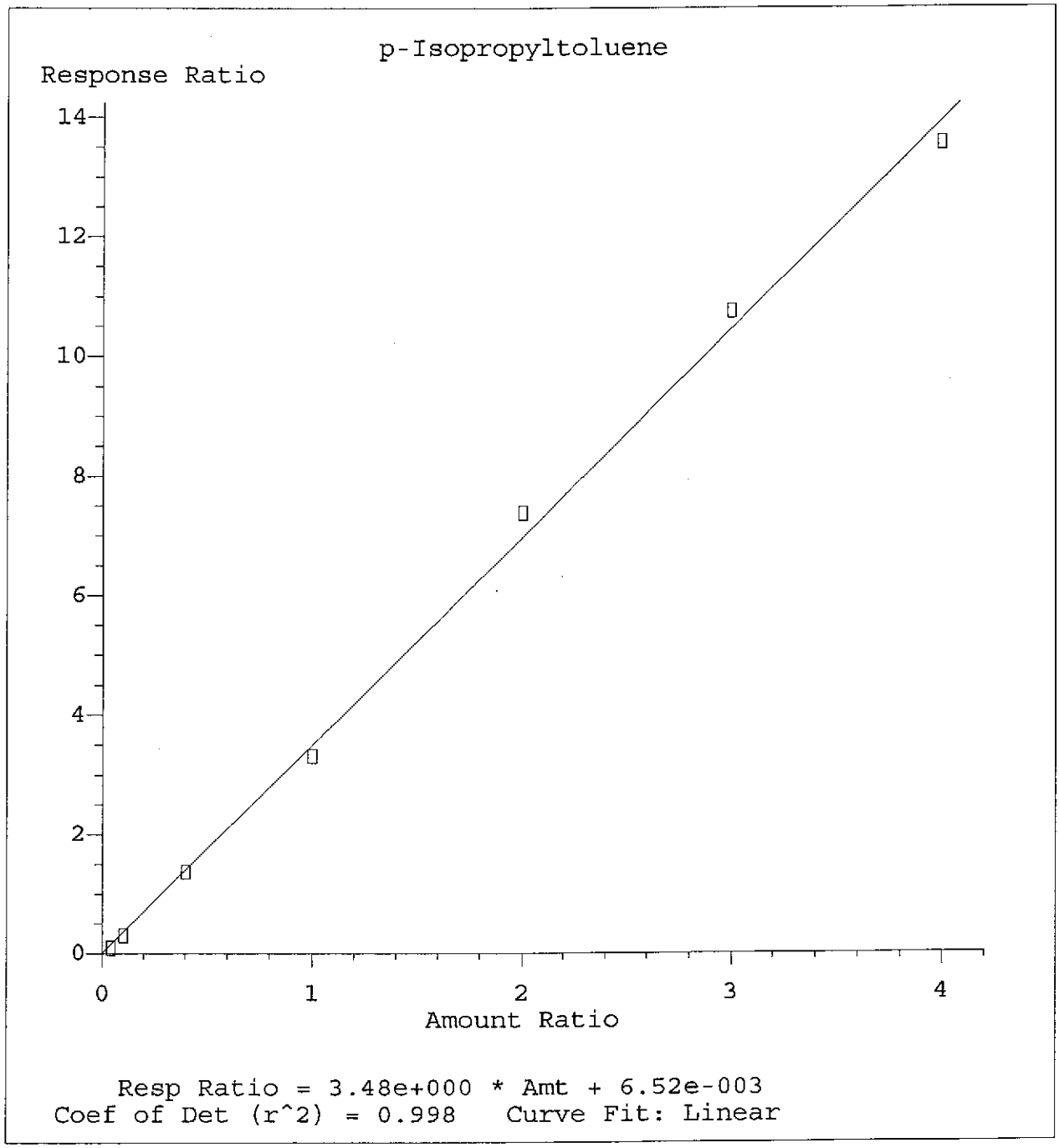
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Calibration Table Last Updated: Tue Jul 10 09:59:29 2007



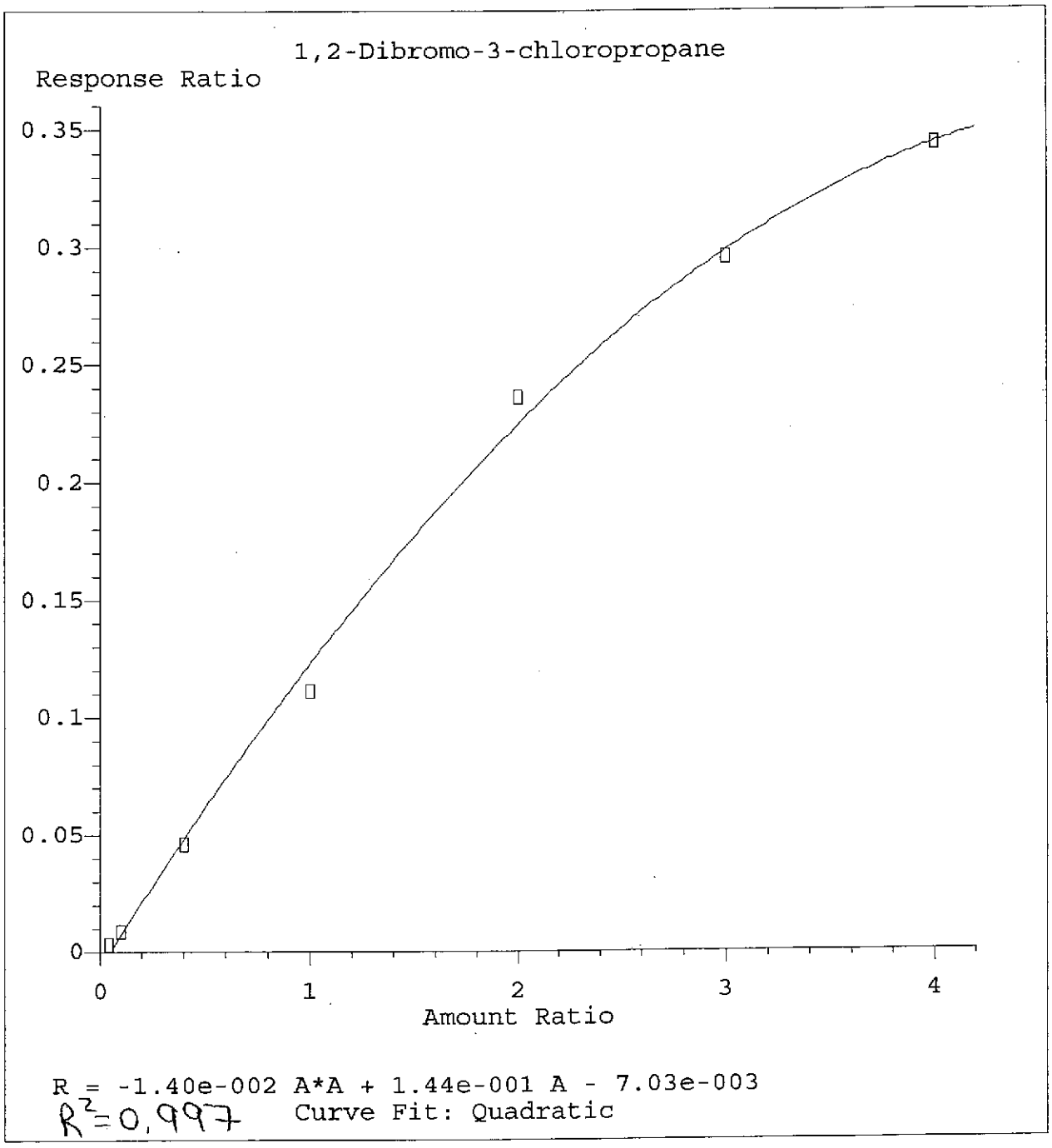
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Calibration Table Last Updated: Tue Jul 10 09:59:47 2007



Method Name: C:\HPCHEM\1\METHODS\J709VOCS.M
Calibration Table Last Updated: Tue Jul 10 10:00:08 2007



Method Name: C:\HPCHEM\1\METHODS\J709VOCS.M
Calibration Table Last Updated: Tue Jul 10 10:01:34 2007



Method Name: C:\HPCHEM\1\METHODS\J709VOCS.M
Calibration Table Last Updated: Tue Jul 10 10:02:50 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10068
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	990
Second Source ID:	ICV-10069	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	95	4.6	
1,1,1,2-Tetrachloroethane	50	42	16.0	
1,1,1-Trichloroethane	50	48	4.5	
1,1,2,2-Tetrachloroethane	50	45	9.1	
1,1,2-Trichloroethane	50	44	12.6	
1,1-Dichloroethane	50	46	7.4	
1,1-Dichloroethene	50	49	2.5	
1,1-Dichloropropene	50	49	2.8	
1,2,3-Trichlorobenzene	50	52	-3.8	
1,2,3-Trichloropropane	50	42	16.7	
1,2,4-Trichlorobenzene	50	55	-10.1	
1,2,4-Trimethylbenzene	50	47	5.9	
1,2-Dibromo-3-chloropropane	50	51	-2.7	
1,2-Dibromoethane	50	42	15.1	
1,2-Dichlorobenzene	50	46	8.6	
1,2-Dichloroethane	50	45	9.5	
1,2-Dichloroethane-d4	50	48	4.8	
1,2-Dichloropropane	50	45	10.1	
1,3,5-Trimethylbenzene	50	47	6.1	
1,3-Dichlorobenzene	50	45	10	
1,3-Dichloropropane	50	44	11.8	
1,4-Dichlorobenzene	50	44	12.3	
1-Chlorohexane	50	50	0.8	
2,2-Dichloropropane	50	47	5.1	
2-Butanone	100	100	0.4	
2-Chlorotoluene	50	45	9.1	
4-Bromofluorobenzene	50	47	5.2	
4-Chlorotoluene	50	46	8.3	
4-Methyl-2-pentanone	100	85	15.4	
Acetone	100	96	3.8	
Benzene	50	48	4.6	
Bromobenzene	50	44	11.9	
Bromochloromethane	50	45	9.4	
Bromodichloromethane	50	42	15.7	
Bromoform	50	44	11.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10068
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	990
Second Source ID:	ICV-10069	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	50	0.8	
Carbon tetrachloride	50	50	0.4	
Chlorobenzene	50	46	8.8	
Chloroethane	50	46	7.9	
Chloroform	50	46	8.0	
Chloromethane	50	50	0.6	
cis-1,2-Dichloroethene	50	47	7.0	
cis-1,3-Dichloropropene	50	43	14.5	
Dibromochloromethane	50	40	20.7	
Dibromofluoromethane	50	49	1.7	
Dibromomethane	50	45	10.8	
Dichlorodifluoromethane	50	57	-15.0	
Ethylbenzene	50	49	2.9	
Hexachlorobutadiene	50	51	-2.1	
Isopropylbenzene	50	48	3.7	
Methyl tert-butyl ether	50	47	7.0	
Methylene chloride	50	45	10.9	
n-Butylbenzene	50	47	5.6	
n-Propylbenzene	50	48	3.6	
Naphthalene	50	51	-1.7	
o-Xylene	50	47	5.9	
p-Isopropyltoluene	50	48	4.0	
sec-Butylbenzene	50	48	3.0	
Styrene	50	44	12.4	
tert-Butylbenzene	50	47	5.6	
Tetrachloroethene	50	47	5.4	
Toluene	50	44	12.2	
Toluene-d8	50	52	-4.5	
trans-1,2-Dichloroethene	50	48	4.8	
trans-1,3-Dichloropropene	50	41	17.1	
Trichloroethene	50	46	9.0	
Trichlorofluoromethane	50	48	4.6	
Vinyl chloride	50	49	1.7	
Xylenes (total)	150	140	5.0	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10081
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	992
Second Source ID:	ICV-10081	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	19.3	3.4	
1,1,1,2-Tetrachloroethane	10	9.66	3.4	
1,1,1-Trichloroethane	10	10.1	-1.0	
1,1,2,2-Tetrachloroethane	10	9.66	3.4	
1,1,2-Trichloroethane	10	9.75	2.5	
1,1-Dichloroethane	10	10	-0.2	
1,1-Dichloroethene	10	10.9	-9.2	
1,1-Dichloropropene	10	9.78	2.2	
1,2,3-Trichlorobenzene	10	9.9	1.0	
1,2,3-Trichloropropane	10	9.83	1.7	
1,2,4-Trichlorobenzene	10	10.1	-0.7	
1,2,4-Trimethylbenzene	10	9.67	3.3	
1,2-Dibromo-3-chloropropane	10	10	-0.5	
1,2-Dibromoethane	10	9.62	3.8	
1,2-Dichlorobenzene	10	9.87	1.3	
1,2-Dichloroethane	10	9.53	4.7	
1,2-Dichloroethane-d4	10	10.2	-1.5	
1,2-Dichloropropane	10	9.63	3.7	
1,3,5-Trimethylbenzene	10	9.88	1.2	
1,3-Dichlorobenzene	10	9.83	1.7	
1,3-Dichloropropane	10	9.57	4.3	
1,4-Dichlorobenzene	10	9.88	1.2	
1-Chlorohexane	10	10.1	-1.1	
2,2-Dichloropropane	10	9.87	1.3	
2-Butanone	20	21.3	-6.4	
2-Chlorotoluene	10	11	-9.5	
4-Bromofluorobenzene	10	9.49	5.1	
4-Chlorotoluene	10	8.67	13.3	
4-Methyl-2-pentanone	20	19.1	4.3	
Acetone	20	24.8	-24.1	
Benzene	10	9.95	0.5	
Bromobenzene	10	9.68	3.2	
Bromochloromethane	10	9.59	4.1	
Bromodichloromethane	10	9.94	0.6	
Bromoform	10	9.91	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10081
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	992
Second Source ID:	ICV-10081	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	11.2	-12.4	
Carbon tetrachloride	10	10.2	-1.5	
Chlorobenzene	10	9.33	6.7	
Chloroethane	10	10.8	-8.5	
Chloroform	10	9.82	1.8	
Chloromethane	10	10.8	-7.8	
cis-1,2-Dichloroethene	10	9.87	1.3	
cis-1,3-Dichloropropene	10	9.89	1.1	
Dibromochloromethane	10	9.5	5.0	
Dibromofluoromethane	10	10.1	-0.6	
Dibromomethane	10	9.79	2.1	
Dichlorodifluoromethane	10	13.5	-34.9	*
Ethylbenzene	10	9.96	0.4	
Hexachlorobutadiene	10	10.4	-3.5	
Isopropylbenzene	10	9.71	2.9	
Methyl tert-butyl ether	10	10	0	
Methylene chloride	10	9.3	7.0	
n-Butylbenzene	10	9.97	0.3	
n-Propylbenzene	10	10.2	-1.7	
Naphthalene	10	9.23	7.7	
o-Xylene	10	9.62	3.8	
p-Isopropyltoluene	10	10	0	
sec-Butylbenzene	10	9.97	0.3	
Styrene	10	9.69	3.1	
tert-Butylbenzene	10	9.86	1.4	
Tetrachloroethene	10	9.74	2.6	
Toluene	10	9.91	0.9	
Toluene-d8	10	10.2	-1.6	
trans-1,2-Dichloroethene	10	9.93	0.7	
trans-1,3-Dichloropropene	10	9.64	3.6	
Trichloroethene	10	9.95	0.5	
Trichlorofluoromethane	10	10.8	-7.6	
Vinyl chloride	10	12	-19.8	
Xylenes (total)	30	28.9	3.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10253
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	996
Second Source ID:	ICV-10253	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	94	5.8	
1,1,1,2-Tetrachloroethane	50	48	3.8	
1,1,1-Trichloroethane	50	47	6.2	
1,1,2,2-Tetrachloroethane	50	47	6.4	
1,1,2-Trichloroethane	50	44	11.7	
1,1-Dichloroethane	50	46	8.9	
1,1-Dichloroethene	50	49	2.7	
1,1-Dichloropropene	50	48	4.8	
1,2,3-Trichlorobenzene	50	51	-2.9	
1,2,3-Trichloropropane	50	46	8.2	
1,2,4-Trichlorobenzene	50	49	1.7	
1,2,4-Trimethylbenzene	50	50	-0.5	
1,2-Dibromo-3-chloropropane	50	41	18.3	
1,2-Dibromoethane	50	46	8.2	
1,2-Dichlorobenzene	50	47	5.5	
1,2-Dichloroethane	50	44	11.2	
1,2-Dichloroethane-d4	50	51	-2.0	
1,2-Dichloropropane	50	46	7.6	
1,3,5-Trimethylbenzene	50	50	-0.5	
1,3-Dichlorobenzene	50	48	4.9	
1,3-Dichloropropane	50	47	6.2	
1,4-Dichlorobenzene	50	45	9.9	
1-Chlorohexane	50	46	8.3	
2,2-Dichloropropane	50	47	6.8	
2-Butanone	100	79	21.0	
2-Chlorotoluene	50	49	1.7	
4-Bromofluorobenzene	50	54	-8.2	
4-Chlorotoluene	50	49	2.5	
4-Methyl-2-pentanone	100	71	29.1	*
Acetone	100	80	20.0	
Benzene	50	48	4.7	
Bromobenzene	50	49	2.6	
Bromochloromethane	50	47	6.1	
Bromodichloromethane	50	45	9.0	
Bromoform	50	42	15.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10253
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	996
Second Source ID:	ICV-10253	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	53	-6.4	
Carbon tetrachloride	50	47	6.4	
Chlorobenzene	50	48	5.0	
Chloroethane	50	49	2.3	
Chloroform	50	45	9.4	
Chloromethane	50	54	-8.7	
cis-1,2-Dichloroethene	50	47	6.4	
cis-1,3-Dichloropropene	50	43	14.6	
Dibromochloromethane	50	44	12.4	
Dibromofluoromethane	50	54	-8.7	
Dibromomethane	50	46	8.7	
Dichlorodifluoromethane	50	84	-67.9	*
Ethylbenzene	50	48	3.9	
Hexachlorobutadiene	50	51	-1.2	
Isopropylbenzene	50	52	-4.6	
Methyl tert-butyl ether	50	46	7.5	
Methylene chloride	50	48	3.7	
n-Butylbenzene	50	50	0.5	
n-Propylbenzene	50	52	-3.4	
Naphthalene	50	53	-5.8	
o-Xylene	50	48	4.4	
p-Isopropyltoluene	50	48	5.0	
sec-Butylbenzene	50	52	-3.8	
Styrene	50	43	13.5	
tert-Butylbenzene	50	52	-3.3	
Tetrachloroethene	50	47	6.1	
Toluene	50	45	9.7	
Toluene-d8	50	57	-14.5	
trans-1,2-Dichloroethene	50	47	6.2	
trans-1,3-Dichloropropene	50	42	16.2	
Trichloroethene	50	46	8.8	
Trichlorofluoromethane	50	41	17.2	
Vinyl chloride	50	56	-12.6	
Xylenes (total)	150	140	5.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10069 CCV #1 ID: CCV-10091 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	102	0.00
2		Dichlorodifluoromethane	0.201	0.198	1.5	114	0.00
3	P	Chloromethane	0.210	0.222	-5.7	122	0.00
4	CP	Vinyl chloride	0.250	0.247	1.2	111	0.00
5		Bromomethane	0.212	0.219	-3.3	116	0.00
6		Chloroethane	0.087	0.084	3.4	108	0.00
7		Trichlorofluoromethane	0.276	0.255	7.6	101	0.00
8		Acetone	0.101	0.096	5.0	134	0.00
9	CPM	1,1-Dichloroethene	0.192	0.178	7.3	100	0.00
10		Methylene chloride	0.295	0.239	19.0	101	0.00
11		trans-1,2-Dichloroethene	0.236	0.220	6.8	100	0.00
12		Methyl tert-Butyl ether	0.695	0.637	8.3	108	0.00
13	P	1,1-Dichloroethane	0.427	0.407	4.7	106	0.00
14		2-Butanone	0.143	0.147	-2.8	135	0.00
		cis-1,2-Dichloroethene	0.273	0.253	7.3	101	0.00
16		Bromochloromethane	0.127	0.114	10.2	102	0.00
17	CP	Chloroform	0.422	0.389	7.8	103	0.00
18		2,2-Dichloropropane	0.332	0.315	5.1	101	0.00
19	S	Dibromofluoromethane	0.215	0.194	9.8	102	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.234	11.4	108	0.00
21		1,2-Dichloroethane	0.307	0.283	7.8	108	0.00
22		1,1,1-Trichloroethane	0.339	0.318	6.2	102	0.00
23		1,1-Dichloropropene	0.320	0.303	5.3	101	0.00
24		Carbon tetrachloride	0.214	0.200	6.5	98	0.00
25	M	Benzene	1.066	1.009	5.3	102	0.00
26	M	Trichloroethene	0.273	0.246	9.9	100	0.00
27		Dibromomethane	0.153	0.137	10.5	104	0.00
28	CP	1,2-Dichloropropane	0.256	0.238	7.0	107	0.00
29		Bromodichloromethane	0.287	0.270	5.9	106	0.00
30		4-Methyl-2-pentanone	0.272	0.300	-10.3	139	0.00
31		cis-1,3-Dichloropropene	0.390	0.377	3.3	107	0.00
32	S	Toluene-d8	0.870	0.839	3.6	103	0.00
33	CPM	Toluene	0.717	0.646	9.9	104	0.00
34		trans-1,3-Dichloropropene	0.345	0.332	3.8	108	0.00
35		1,1,2-Trichloroethane	0.201	0.180	10.4	103	0.00
36		1,2-Dibromoethane	0.221	0.203	8.1	112	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
38		1,3-Dichloropropane	1.097	0.997	9.1	106	0.00
39		Dibromochloromethane	0.537	0.520	3.2	109	0.00
		Tetrachloroethene	0.627	0.580	7.5	98	0.00

(#) = Out of Range

ABM 6-28-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.786	5.3	105	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.515	3.4	117	0.00
43	PM	Chlorobenzene	1.856	1.717	7.5	111	0.00
44	CP	Ethylbenzene	2.970	2.901	2.3	110	0.00
45		(m+p)-Xylene	1.026	0.991	3.4	111	0.00
46		o-Xylene	1.007	0.974	3.3	111	0.00
47		Styrene	1.634	1.612	1.3	111	0.00
48	P	Bromoform	0.320	0.302	5.6	120	0.00
49	S	Bromofluorobenzene	0.781	0.713	8.7	115	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.266	5.3	114	0.00
52		Isopropylbenzene	3.968	3.932	0.9	109	0.00
53		1,2,3-Trichloropropane	1.161	1.035	10.9	115	0.00
		Bromobenzene	1.023	0.941	8.0	112	0.00
55		n-Propylbenzene	4.434	4.348	1.9	108	0.00
56		2-Chlorotoluene	3.005	2.876	4.3	111	0.00
57		4-Chlorotoluene	2.570	2.450	4.7	109	0.00
58		1,3,5-Trimethylbenzene	2.708	2.629	2.9	109	0.00
59		tert-Butylbenzene	2.575	2.441	5.2	107	0.00
60		1,2,4-Trimethylbenzene	2.499	2.455	1.8	110	0.00
61		sec-Butylbenzene	3.877	3.761	3.0	105	0.00
62		1,3-Dichlorobenzene	1.668	1.569	5.9	110	0.00
63		p-Isopropyltoluene	2.803	2.740	2.2	105	0.00
64		1,4-Dichlorobenzene	1.666	1.517	8.9	108	0.00
65		n-Butylbenzene	2.486	2.387	4.0	104	0.00
66		1,2-Dichlorobenzene	1.579	1.507	4.6	112	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.136	2.2	119	0.00
68		1,2,4-Trichlorobenzene	0.659	0.655	0.6	110	0.00
69		Hexachlorobutadiene	0.453	0.403	11.0	97	0.00
70		Naphthalene	1.519	1.448	4.7	118	0.00
71		1,2,3-Trichlorobenzene	0.601	0.563	6.3	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	102	0.00
2		Dichlorodifluoromethane	50.000	49.259	1.5	114	0.00
3	P	Chloromethane	50.000	52.960	-5.9	122	0.00
4	CP	Vinyl chloride	50.000	49.435	1.1	111	0.00
5		Bromomethane	50.000	51.557	-3.1	116	0.00
6		Chloroethane	50.000	47.824	4.4	108	0.00
7		Trichlorofluoromethane	50.000	46.185	7.6	101	0.00
8		Acetone	100.000	94.697	5.3	134	0.00
9	CPM	1,1-Dichloroethene	50.000	46.466	7.1	100	0.00
10		Methylene chloride	50.000	45.331	9.3	101	0.00
11		trans-1,2-Dichloroethene	50.000	46.699	6.6	100	0.00
12		Methyl tert-Butyl ether	50.000	45.782	8.4	108	0.00
13	P	1,1-Dichloroethane	50.000	47.691	4.6	106	0.00
14		2-Butanone	100.000	108.312	-8.3	135	0.00
		cis-1,2-Dichloroethene	50.000	46.388	7.2	101	0.00
16		Bromochloromethane	50.000	45.110	9.8	102	0.00
17	CP	Chloroform	50.000	46.122	7.8	103	0.00
18		2,2-Dichloropropane	50.000	47.374	5.3	101	0.00
19	S	Dibromofluoromethane	50.000	45.082	9.8	102	0.00
20	S	1,2-Dichloroethane-d4	50.000	44.297	11.4	108	0.00
21		1,2-Dichloroethane	50.000	46.163	7.7	108	0.00
22		1,1,1-Trichloroethane	50.000	46.944	6.1	102	0.00
23		1,1-Dichloropropene	50.000	47.394	5.2	101	0.00
24		Carbon tetrachloride	50.000	48.777	2.4	98	0.00
25	M	Benzene	50.000	47.349	5.3	102	0.00
26	M	Trichloroethene	50.000	44.964	10.1	100	0.00
27		Dibromomethane	50.000	44.616	10.8	104	0.00
28	CP	1,2-Dichloropropane	50.000	46.459	7.1	107	0.00
29		Bromodichloromethane	50.000	43.397	13.2	106	0.00
30		4-Methyl-2-pentanone	100.000	100.395	-0.4	139	0.00
31		cis-1,3-Dichloropropene	50.000	44.221	11.6	107	0.00
32	S	Toluene-d8	50.000	48.199	3.6	103	0.00
33	CPM	Toluene	50.000	45.034	9.9	104	0.00
34		trans-1,3-Dichloropropene	50.000	43.524	13.0	108	0.00
35		1,1,2-Trichloroethane	50.000	44.780	10.4	103	0.00
36		1,2-Dibromoethane	50.000	42.948	14.1	112	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
38		1,3-Dichloropropane	50.000	45.420	9.2	106	0.00
39		Dibromochloromethane	50.000	42.614	14.8	109	0.00
		Tetrachloroethene	50.000	46.242	7.5	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3416.D
Acq On : 27 Jun 2007 6:27
Sample : CCV-10091
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 18
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 28 06:48:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	47.382	5.2	105	0.00
42		1,1,1,2-Tetrachloroethane	50.000	43.863	12.3	117	0.00
43	PM	Chlorobenzene	50.000	46.257	7.5	111	0.00
44	CP	Ethylbenzene	50.000	48.829	2.3	110	0.00
45		(m+p)-Xylene	100.000	96.588	3.4	111	0.00
46		o-Xylene	50.000	48.344	3.3	111	0.00
47		Styrene	50.000	45.289	9.4	111	0.00
48	P	Bromoform	50.000	48.209	3.6	120	0.00
49	S	Bromofluorobenzene	50.000	45.667	8.7	115	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	47.361	5.3	114	0.00
52		Isopropylbenzene	50.000	49.540	0.9	109	0.00
53		1,2,3-Trichloropropane	50.000	44.595	10.8	115	0.00
		Bromobenzene	50.000	46.003	8.0	112	0.00
55		n-Propylbenzene	50.000	49.038	1.9	108	0.00
56		2-Chlorotoluene	50.000	47.855	4.3	111	0.00
57		4-Chlorotoluene	50.000	47.655	4.7	109	0.00
58		1,3,5-Trimethylbenzene	50.000	48.532	2.9	109	0.00
59		tert-Butylbenzene	50.000	47.390	5.2	107	0.00
60		1,2,4-Trimethylbenzene	50.000	49.108	1.8	110	0.00
61		sec-Butylbenzene	50.000	48.507	3.0	105	0.00
62		1,3-Dichlorobenzene	50.000	47.055	5.9	110	0.00
63		p-Isopropyltoluene	50.000	48.879	2.2	105	0.00
64		1,4-Dichlorobenzene	50.000	45.534	8.9	108	0.00
65		n-Butylbenzene	50.000	48.014	4.0	104	0.00
66		1,2-Dichlorobenzene	50.000	47.722	4.6	112	0.00
67		1,2-Dibromo-3-chloropropane	50.000	44.140	11.7	119	0.00
68		1,2,4-Trichlorobenzene	50.000	49.701	0.6	110	0.00
69		Hexachlorobutadiene	50.000	44.437	11.1	97	0.00
70		Naphthalene	50.000	47.683	4.6	118	0.00
71		1,2,3-Trichlorobenzene	50.000	46.819	6.4	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10069 CCV #1 ID: CCV-10157 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3534.D
Acq On : 2 Jul 2007 10:02
Sample : CCV-10157
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jul 06 09:39:19 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	75	0.00
2		Dichlorodifluoromethane	0.201	0.193	4.0	82	0.00
3	P	Chloromethane	0.210	0.231	-10.0	93	0.00
4	CP	Vinyl chloride	0.250	0.274	-9.6	90	0.00
5		Bromomethane	0.212	0.219	-3.3	85	0.00
6		Chloroethane	0.087	0.113	-29.9#	108	0.00
7		Trichlorofluoromethane	0.276	0.328	-18.8	96	0.00
8		Acetone	0.101	0.094	6.9	96	0.00
9	CPM	1,1-Dichloroethene	0.192	0.186	3.1	77	0.00
10		Methylene chloride	0.295	0.251	14.9	78	0.00
11		trans-1,2-Dichloroethene	0.236	0.232	1.7	77	0.00
12		Methyl tert-Butyl ether	0.695	0.662	4.7	82	0.00
13	P	1,1-Dichloroethane	0.427	0.440	-3.0	84	0.00
		2-Butanone	0.143	0.138	3.5	92	0.00
		cis-1,2-Dichloroethene	0.273	0.271	0.7	79	0.00
16		Bromochloromethane	0.127	0.116	8.7	76	0.00
17	CP	Chloroform	0.422	0.415	1.7	81	0.00
18		2,2-Dichloropropane	0.332	0.347	-4.5	82	0.00
19	S	Dibromofluoromethane	0.215	0.199	7.4	77	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.243	8.0	83	0.00
21		1,2-Dichloroethane	0.307	0.295	3.9	83	0.00
22		1,1,1-Trichloroethane	0.339	0.339	0.0	79	0.00
23		1,1-Dichloropropene	0.320	0.324	-1.3	79	0.00
24		Carbon tetrachloride	0.214	0.218	-1.9	79	0.00
25	M	Benzene	1.066	1.105	-3.7	82	0.00
26	M	Trichloroethene	0.273	0.262	4.0	78	0.00
27		Dibromomethane	0.153	0.142	7.2	79	0.00
28	CP	1,2-Dichloropropane	0.256	0.259	-1.2	85	0.00
29		Bromodichloromethane	0.287	0.282	1.7	81	0.00
30		4-Methyl-2-pentanone	0.272	0.258	5.1	88	0.00
31		cis-1,3-Dichloropropene	0.390	0.394	-1.0	82	0.00
32	S	Toluene-d8	0.870	0.872	-0.2	79	0.00
33	CPM	Toluene	0.717	0.659	8.1	78	0.00
34		trans-1,3-Dichloropropene	0.345	0.338	2.0	81	0.00
35		1,1,2-Trichloroethane	0.201	0.187	7.0	79	0.00
36		1,2-Dibromoethane	0.221	0.203	8.1	82	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
38		1,3-Dichloropropane	1.097	1.034	5.7	80	0.00
39		Dibromochloromethane	0.537	0.508	5.4	77	0.00
40		Tetrachloroethene	0.627	0.566	9.7	69	0.00

(#) = Out of Range

ABM 7-6-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3534.D
Acq On : 2 Jul 2007 10:02
Sample : CCV-10157
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jul 06 09:39:19 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.839	-1.1	81	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.521	2.3	85	0.00
43	PM	Chlorobenzene	1.856	1.767	4.8	83	0.00
44	CP	Ethylbenzene	2.970	3.078	-3.6	84	0.00
45		(m+p)-Xylene	1.026	1.022	0.4	82	0.00
46		o-Xylene	1.007	0.994	1.3	82	0.00
47		Styrene	1.634	1.632	0.1	81	0.00
48	P	Bromoform	0.320	0.275	14.1	79	0.00
49	S	Bromofluorobenzene	0.781	0.711	9.0	83	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.401	-4.8	82	0.00
52		Isopropylbenzene	3.968	4.546	-14.6	82	0.00
[illegible]		1,2,3-Trichloropropane	1.161	1.145	1.4	82	0.00
[illegible]		Bromobenzene	1.023	0.993	2.9	77	0.00
55		n-Propylbenzene	4.434	5.136	-15.8	83	0.00
56		2-Chlorotoluene	3.005	3.258	-8.4	82	0.00
57		4-Chlorotoluene	2.570	2.803	-9.1	81	0.00
58		1,3,5-Trimethylbenzene	2.708	3.019	-11.5	81	0.00
59		tert-Butylbenzene	2.575	2.833	-10.0	81	0.00
60		1,2,4-Trimethylbenzene	2.499	2.758	-10.4	81	0.00
61		sec-Butylbenzene	3.877	4.394	-13.3	80	0.00
62		1,3-Dichlorobenzene	1.668	1.685	-1.0	77	0.00
63		p-Isopropyltoluene	2.803	3.072	-9.6	77	0.00
64		1,4-Dichlorobenzene	1.666	1.627	2.3	75	0.00
65		n-Butylbenzene	2.486	2.699	-8.6	76	0.00
66		1,2-Dichlorobenzene	1.579	1.609	-1.9	78	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.209	-50.4#	119	0.00
68		1,2,4-Trichlorobenzene	0.659	0.796	-20.8#	87	0.00
69		Hexachlorobutadiene	0.453	0.451	0.4	70	0.00
70		Naphthalene	1.519	2.235	-47.1#	118	0.00
71		1,2,3-Trichlorobenzene	0.601	0.750	-24.8#	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3534.D
Acq On : 2 Jul 2007 10:02
Sample : CCV-10157
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jul 06 09:39:19 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	75	0.00
2		Dichlorodifluoromethane	50.000	48.211	3.6	82	0.00
3	P	Chloromethane	50.000	55.088	-10.2	93	0.00
4	CP	Vinyl chloride	50.000	54.777	-9.6	90	0.00
5		Bromomethane	50.000	51.572	-3.1	85	0.00
6		Chloroethane	50.000	64.798	-29.6#	108	0.00
7		Trichlorofluoromethane	50.000	59.474	-18.9	96	0.00
8		Acetone	100.000	92.537	7.5	96	0.00
9	CPM	1,1-Dichloroethene	50.000	48.673	2.7	77	0.00
10		Methylene chloride	50.000	47.587	4.8	78	0.00
11		trans-1,2-Dichloroethene	50.000	49.311	1.4	77	0.00
12		Methyl tert-Butyl ether	50.000	47.577	4.8	82	0.00
13	P	1,1-Dichloroethane	50.000	51.595	-3.2	84	0.00
14		2-Butanone	100.000	102.218	-2.2	92	0.00
15		cis-1,2-Dichloroethene	50.000	49.609	0.8	79	0.00
16		Bromochloromethane	50.000	45.706	8.6	76	0.00
17	CP	Chloroform	50.000	49.268	1.5	81	0.00
18		2,2-Dichloropropane	50.000	52.248	-4.5	82	0.00
19	S	Dibromofluoromethane	50.000	46.206	7.6	77	0.00
20	S	1,2-Dichloroethane-d4	50.000	46.002	8.0	83	0.00
21		1,2-Dichloroethane	50.000	48.124	3.8	83	0.00
22		1,1,1-Trichloroethane	50.000	50.031	-0.1	79	0.00
23		1,1-Dichloropropene	50.000	50.698	-1.4	79	0.00
24		Carbon tetrachloride	50.000	52.752	-5.5	79	0.00
25	M	Benzene	50.000	51.826	-3.7	82	0.00
26	M	Trichloroethene	50.000	48.007	4.0	78	0.00
27		Dibromomethane	50.000	46.349	7.3	79	0.00
28	CP	1,2-Dichloropropane	50.000	50.436	-0.9	85	0.00
29		Bromodichloromethane	50.000	45.059	9.9	81	0.00
30		4-Methyl-2-pentanone	100.000	88.051	11.9	88	0.00
31		cis-1,3-Dichloropropene	50.000	45.904	8.2	82	0.00
32	S	Toluene-d8	50.000	50.125	-0.3	79	0.00
33	CPM	Toluene	50.000	45.982	8.0	78	0.00
34		trans-1,3-Dichloropropene	50.000	44.160	11.7	81	0.00
35		1,1,2-Trichloroethane	50.000	46.448	7.1	79	0.00
36		1,2-Dibromoethane	50.000	42.925	14.2	82	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
38		1,3-Dichloropropane	50.000	47.123	5.8	80	0.00
39		Dibromochloromethane	50.000	41.808	16.4	77	0.00
40		Tetrachloroethene	50.000	45.117	9.8	69	0.00

(#) = Out of Range

ABM 7-6-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3534.D
Acq On : 2 Jul 2007 10:02
Sample : CCV-10157
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jul 06 09:39:19 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	50.555	-1.1	81	0.00
42		1,1,1,2-Tetrachloroethane	50.000	44.306	11.4	85	0.00
43	PM	Chlorobenzene	50.000	47.585	4.8	83	0.00
44	CP	Ethylbenzene	50.000	51.817	-3.6	84	0.00
45		(m+p)-Xylene	100.000	99.620	0.4	82	0.00
46		o-Xylene	50.000	49.366	1.3	82	0.00
47		Styrene	50.000	45.800	8.4	81	0.00
48	P	Bromoform	50.000	44.566	10.9	79	0.00
49	S	Bromofluorobenzene	50.000	45.531	8.9	83	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	52.380	-4.8	82	0.00
52		Isopropylbenzene	50.000	57.282	-14.6	82	0.00
53		1,2,3-Trichloropropane	50.000	49.305	1.4	82	0.00
[illegible]		Bromobenzene	50.000	48.501	3.0	77	0.00
55		n-Propylbenzene	50.000	57.920	-15.8	83	0.00
56		2-Chlorotoluene	50.000	54.207	-8.4	82	0.00
57		4-Chlorotoluene	50.000	54.535	-9.1	81	0.00
58		1,3,5-Trimethylbenzene	50.000	55.742	-11.5	81	0.00
59		tert-Butylbenzene	50.000	55.007	-10.0	81	0.00
60		1,2,4-Trimethylbenzene	50.000	55.186	-10.4	81	0.00
61		sec-Butylbenzene	50.000	56.671	-13.3	80	0.00
62		1,3-Dichlorobenzene	50.000	50.534	-1.1	77	0.00
63		p-Isopropyltoluene	50.000	54.794	-9.6	77	0.00
64		1,4-Dichlorobenzene	50.000	48.835	2.3	75	0.00
65		n-Butylbenzene	50.000	54.274	-8.5	76	0.00
66		1,2-Dichlorobenzene	50.000	50.959	-1.9	78	0.00
67		1,2-Dibromo-3-chloropropane	50.000	63.880	-27.8#	119	0.00
68		1,2,4-Trichlorobenzene	50.000	60.418	-20.8#	87	0.00
69		Hexachlorobutadiene	50.000	49.770	0.5	70	0.00
70		Naphthalene	50.000	73.601	-47.2#	118	0.00
71		1,2,3-Trichlorobenzene	50.000	62.381	-24.8#	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10069 CCV #1 ID: CCV-10171 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	67	0.00
2		Dichlorodifluoromethane	0.201	0.180	10.4	68	0.00
3	P	Chloromethane	0.210	0.229	-9.0	83	0.00
4	CP	Vinyl chloride	0.250	0.262	-4.8	77	0.00
5		Bromomethane	0.212	0.232	-9.4	81	0.00
6		Chloroethane	0.087	0.121	-39.1#	103	0.00
7		Trichlorofluoromethane	0.276	0.361	-30.8#	94	0.00
8		Acetone	0.101	0.093	7.9	85	0.00
9	CPM	1,1-Dichloroethene	0.192	0.188	2.1	69	0.00
10		Methylene chloride	0.295	0.255	13.6	71	0.00
11		trans-1,2-Dichloroethene	0.236	0.231	2.1	69	0.00
12		Methyl tert-Butyl ether	0.695	0.623	10.4	69	0.00
13	P	1,1-Dichloroethane	0.427	0.448	-4.9	77	0.00
14		2-Butanone	0.143	0.134	6.3	80	0.00
		cis-1,2-Dichloroethene	0.273	0.268	1.8	70	0.00
16		Bromochloromethane	0.127	0.111	12.6	65	0.00
17	CP	Chloroform	0.422	0.422	0.0	73	0.00
18		2,2-Dichloropropane	0.332	0.343	-3.3	72	0.00
19	S	Dibromofluoromethane	0.215	0.200	7.0	69	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.246	6.8	74	0.00
21		1,2-Dichloroethane	0.307	0.296	3.6	74	0.00
22		1,1,1-Trichloroethane	0.339	0.339	0.0	71	0.00
23		1,1-Dichloropropene	0.320	0.333	-4.1	73	0.00
24		Carbon tetrachloride	0.214	0.220	-2.8	71	0.00
25	M	Benzene	1.066	1.117	-4.8	74	0.00
26	M	Trichloroethene	0.273	0.263	3.7	70	0.00
27		Dibromomethane	0.153	0.138	9.8	69	0.00
28	CP	1,2-Dichloropropane	0.256	0.255	0.4	75	0.00
29		Bromodichloromethane	0.287	0.280	2.4	72	0.00
30		4-Methyl-2-pentanone	0.272	0.256	5.9	78	0.00
31		cis-1,3-Dichloropropene	0.390	0.388	0.5	72	0.00
32	S	Toluene-d8	0.870	0.888	-2.1	72	0.00
33	CPM	Toluene	0.717	0.677	5.6	71	0.00
34		trans-1,3-Dichloropropene	0.345	0.333	3.5	71	0.00
35		1,1,2-Trichloroethane	0.201	0.183	9.0	69	0.00
36		1,2-Dibromoethane	0.221	0.195	11.8	70	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
38		1,3-Dichloropropane	1.097	0.997	9.1	70	0.00
39		Dibromochloromethane	0.537	0.478	11.0	66	0.00
		Tetrachloroethene	0.627	0.554	11.6	62	0.00

(#) = Out of Range

ABM 7-5-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.869	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.499	6.4	75	0.00
43	PM	Chlorobenzene	1.856	1.739	6.3	74	0.00
44	CP	Ethylbenzene	2.970	3.091	-4.1	77	0.00
45		(m+p)-Xylene	1.026	1.018	0.8	75	0.00
46		o-Xylene	1.007	0.982	2.5	74	0.00
47		Styrene	1.634	1.609	1.5	73	0.00
48	P	Bromoform	0.320	0.256	20.0	67	0.00
49	S	Bromofluorobenzene	0.781	0.703	10.0	75	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.357	-1.5	71	0.00
52		Isopropylbenzene	3.968	4.723	-19.0	76	0.00
53		1,2,3-Trichloropropane	1.161	1.128	2.8	72	0.00
		Bromobenzene	1.023	0.983	3.9	67	0.00
55		n-Propylbenzene	4.434	5.437	-22.6#	78	0.00
56		2-Chlorotoluene	3.005	3.415	-13.6	76	0.00
57		4-Chlorotoluene	2.570	2.932	-14.1	75	0.00
58		1,3,5-Trimethylbenzene	2.708	3.125	-15.4	75	0.00
59		tert-Butylbenzene	2.575	2.894	-12.4	73	0.00
60		1,2,4-Trimethylbenzene	2.499	2.863	-14.6	74	0.00
61		sec-Butylbenzene	3.877	4.639	-19.7	75	0.00
62		1,3-Dichlorobenzene	1.668	1.682	-0.8	68	0.00
63		p-Isopropyltoluene	2.803	3.151	-12.4	70	0.00
64		1,4-Dichlorobenzene	1.666	1.654	0.7	68	0.00
65		n-Butylbenzene	2.486	2.956	-18.9	74	0.00
66		1,2-Dichlorobenzene	1.579	1.586	-0.4	68	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.205	-47.5#	104	0.00
68		1,2,4-Trichlorobenzene	0.659	0.797	-20.9#	77	0.00
69		Hexachlorobutadiene	0.453	0.482	-6.4	67	0.00
70		Naphthalene	1.519	2.090	-37.6#	98	0.00
71		1,2,3-Trichlorobenzene	0.601	0.743	-23.6#	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	67	0.00
2		Dichlorodifluoromethane	50.000	44.919	10.2	68	0.00
3	P	Chloromethane	50.000	54.666	-9.3	83	0.00
4	CP	Vinyl chloride	50.000	52.424	-4.8	77	0.00
5		Bromomethane	50.000	54.580	-9.2	81	0.00
6		Chloroethane	50.000	69.287	-38.6#	103	0.00
7		Trichlorofluoromethane	50.000	65.382	-30.8#	94	0.00
8		Acetone	100.000	91.832	8.2	85	0.00
9	CPM	1,1-Dichloroethene	50.000	49.003	2.0	69	0.00
10		Methylene chloride	50.000	48.311	3.4	71	0.00
11		trans-1,2-Dichloroethene	50.000	48.988	2.0	69	0.00
12		Methyl tert-Butyl ether	50.000	44.774	10.5	69	0.00
13	P	1,1-Dichloroethane	50.000	52.543	-5.1	77	0.00
14		2-Butanone	100.000	99.484	0.5	80	0.00
15		cis-1,2-Dichloroethene	50.000	49.026	1.9	70	0.00
16		Bromochloromethane	50.000	43.759	12.5	65	0.00
17	CP	Chloroform	50.000	49.999	0.0	73	0.00
18		2,2-Dichloropropane	50.000	51.584	-3.2	72	0.00
19	S	Dibromofluoromethane	50.000	46.343	7.3	69	0.00
20	S	1,2-Dichloroethane-d4	50.000	46.492	7.0	74	0.00
21		1,2-Dichloroethane	50.000	48.218	3.6	74	0.00
22		1,1,1-Trichloroethane	50.000	49.975	0.0	71	0.00
23		1,1-Dichloropropene	50.000	52.091	-4.2	73	0.00
24		Carbon tetrachloride	50.000	53.007	-6.0	71	0.00
25	M	Benzene	50.000	52.390	-4.8	74	0.00
26	M	Trichloroethene	50.000	48.211	3.6	70	0.00
27		Dibromomethane	50.000	45.170	9.7	69	0.00
28	CP	1,2-Dichloropropane	50.000	49.694	0.6	75	0.00
29		Bromodichloromethane	50.000	44.823	10.4	72	0.00
30		4-Methyl-2-pentanone	100.000	87.366	12.6	78	0.00
31		cis-1,3-Dichloropropene	50.000	45.269	9.5	72	0.00
32	S	Toluene-d8	50.000	51.042	-2.1	72	0.00
33	CPM	Toluene	50.000	47.187	5.6	71	0.00
34		trans-1,3-Dichloropropene	50.000	43.679	12.6	71	0.00
35		1,1,2-Trichloroethane	50.000	45.619	8.8	69	0.00
36		1,2-Dibromoethane	50.000	41.378	17.2	70	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
38		1,3-Dichloropropane	50.000	45.421	9.2	70	0.00
39		Dibromochloromethane	50.000	39.753	20.5#	66	0.00
40		Tetrachloroethene	50.000	44.121	11.8	62	0.00

(#) = Out of Range

ABM-7-5-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3548.D
Acq On : 3 Jul 2007 7:13
Sample : CCV-10171
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jul 05 08:39:45 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	52.362	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	50.000	42.753	14.5	75	0.00
43	PM	Chlorobenzene	50.000	46.830	6.3	74	0.00
44	CP	Ethylbenzene	50.000	52.034	-4.1	77	0.00
45		(m+p)-Xylene	100.000	99.148	0.9	75	0.00
46		o-Xylene	50.000	48.742	2.5	74	0.00
47		Styrene	50.000	45.204	9.6	73	0.00
48	P	Bromoform	50.000	42.099	15.8	67	0.00
49	S	Bromofluorobenzene	50.000	44.983	10.0	75	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	50.742	-1.5	71	0.00
52		Isopropylbenzene	50.000	59.516	-19.0	76	0.00
53		1,2,3-Trichloropropane	50.000	48.586	2.8	72	0.00
		Bromobenzene	50.000	48.046	3.9	67	0.00
55		n-Propylbenzene	50.000	61.320	-22.6#	78	0.00
56		2-Chlorotoluene	50.000	56.826	-13.7	76	0.00
57		4-Chlorotoluene	50.000	57.046	-14.1	75	0.00
58		1,3,5-Trimethylbenzene	50.000	57.700	-15.4	75	0.00
59		tert-Butylbenzene	50.000	56.186	-12.4	73	0.00
60		1,2,4-Trimethylbenzene	50.000	57.281	-14.6	74	0.00
61		sec-Butylbenzene	50.000	59.833	-19.7	75	0.00
62		1,3-Dichlorobenzene	50.000	50.430	-0.9	68	0.00
63		p-Isopropyltoluene	50.000	56.215	-12.4	70	0.00
64		1,4-Dichlorobenzene	50.000	49.631	0.7	68	0.00
65		n-Butylbenzene	50.000	59.462	-18.9	74	0.00
66		1,2-Dichlorobenzene	50.000	50.224	-0.4	68	0.00
67		1,2-Dibromo-3-chloropropane	50.000	62.824	-25.6#	104	0.00
68		1,2,4-Trichlorobenzene	50.000	60.444	-20.9#	77	0.00
69		Hexachlorobutadiene	50.000	53.103	-6.2	67	0.00
70		Naphthalene	50.000	68.799	-37.6#	98	0.00
71		1,2,3-Trichlorobenzene	50.000	61.813	-23.6#	85	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 990

ICV ID: ICV-10069 CCV #1 ID: CCV-10188 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3591.D
Acq On : 5 Jul 2007 12:03
Sample : CCV-10188
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 06:12:28 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	71	0.00
2		Dichlorodifluoromethane	0.201	0.290	-44.3#	116	0.00
3	P	Chloromethane	0.210	0.309	-47.1#	117	0.00
4	CP	Vinyl chloride	0.250	0.346	-38.4#	107	0.00
5		Bromomethane	0.212	0.231	-9.0	85	0.00
6		Chloroethane	0.087	0.159	-82.8#	142	0.00
7		Trichlorofluoromethane	0.276	0.453	-64.1#	124	0.00
8		Acetone	0.101	0.086	14.9	83	0.00
9	CPM	1,1-Dichloroethene	0.192	0.165	14.1	64	0.00
10		Methylene chloride	0.295	0.226	23.4#	66	0.00
11		trans-1,2-Dichloroethene	0.236	0.202	14.4	63	0.00
12		Methyl tert-Butyl ether	0.695	0.557	19.9	65	0.00
13	P	1,1-Dichloroethane	0.427	0.404	5.4	73	0.00
14		2-Butanone	0.143	0.127	11.2	80	0.00
15		cis-1,2-Dichloroethene	0.273	0.233	14.7	64	0.00
16		Bromochloromethane	0.127	0.094	26.0#	58	0.00
17	CP	Chloroform	0.422	0.373	11.6	68	0.00
18		2,2-Dichloropropane	0.332	0.305	8.1	68	0.00
19	S	Dibromofluoromethane	0.215	0.173	19.5	63	0.00
20	S	1,2-Dichloroethane-d4	0.264	0.216	18.2	69	0.00
21		1,2-Dichloroethane	0.307	0.268	12.7	71	0.00
22		1,1,1-Trichloroethane	0.339	0.307	9.4	68	0.00
23		1,1-Dichloropropene	0.320	0.297	7.2	68	0.00
24		Carbon tetrachloride	0.214	0.191	10.7	65	0.00
25	M	Benzene	1.066	0.986	7.5	69	0.00
26	M	Trichloroethene	0.273	0.228	16.5	64	0.00
27		Dibromomethane	0.153	0.121	20.9#	64	0.00
28	CP	1,2-Dichloropropane	0.256	0.230	10.2	71	0.00
29		Bromodichloromethane	0.287	0.246	14.3	67	0.00
30		4-Methyl-2-pentanone	0.272	0.234	14.0	75	0.00
31		cis-1,3-Dichloropropene	0.390	0.334	14.4	65	0.00
32	S	Toluene-d8	0.870	0.745	14.4	63	0.00
33	CPM	Toluene	0.717	0.565	21.2#	63	0.00
34		trans-1,3-Dichloropropene	0.345	0.288	16.5	65	0.00
35		1,1,2-Trichloroethane	0.201	0.157	21.9#	62	0.00
36		1,2-Dibromoethane	0.221	0.168	24.0#	64	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
38		1,3-Dichloropropane	1.097	0.895	18.4	65	0.00
39		Dibromochloromethane	0.537	0.398	25.9#	56	0.00
40		Tetrachloroethene	0.627	0.457	27.1#	52	0.00

(#) = Out of Range

ABM 7-10-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3591.D
Acq On : 5 Jul 2007 12:03
Sample : CCV-10188
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 06:12:28 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.830	0.739	11.0	67	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.425	20.3#	65	0.00
43	PM	Chlorobenzene	1.856	1.478	20.4#	65	0.00
44	CP	Ethylbenzene	2.970	2.663	10.3	68	0.00
45		(m+p)-Xylene	1.026	0.862	16.0	65	0.00
46		o-Xylene	1.007	0.825	18.1	64	0.00
47		Styrene	1.634	1.337	18.2	62	0.00
48	P	Bromoform	0.320	0.208	35.0#	56	0.00
49	S	Bromofluorobenzene	0.781	0.598	23.4#	65	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
51	P	1,1,2,2-Tetrachloroethane	1.337	1.318	1.4	65	0.00
52		Isopropylbenzene	3.968	4.302	-8.4	65	0.00
53		1,2,3-Trichloropropane	1.161	1.108	4.6	67	0.00
54		Bromobenzene	1.023	0.871	14.9	57	0.00
55		n-Propylbenzene	4.434	4.938	-11.4	67	0.00
56		2-Chlorotoluene	3.005	3.122	-3.9	66	0.00
57		4-Chlorotoluene	2.570	2.670	-3.9	65	0.00
58		1,3,5-Trimethylbenzene	2.708	2.809	-3.7	64	0.00
59		tert-Butylbenzene	2.575	2.630	-2.1	63	0.00
60		1,2,4-Trimethylbenzene	2.499	2.563	-2.6	63	0.00
61		sec-Butylbenzene	3.877	4.232	-9.2	65	0.00
62		1,3-Dichlorobenzene	1.668	1.486	10.9	57	0.00
63		p-Isopropyltoluene	2.803	2.828	-0.9	60	0.00
64		1,4-Dichlorobenzene	1.666	1.431	14.1	56	0.00
65		n-Butylbenzene	2.486	2.595	-4.4	62	0.00
66		1,2-Dichlorobenzene	1.579	1.412	10.6	57	0.00
67		1,2-Dibromo-3-chloropropane	0.139	0.192	-38.1#	92	0.00
68		1,2,4-Trichlorobenzene	0.659	0.671	-1.8	61	0.00
69		Hexachlorobutadiene	0.453	0.413	8.8	54	0.00
70		Naphthalene	1.519	1.995	-31.3#	89	0.00
71		1,2,3-Trichlorobenzene	0.601	0.660	-9.8	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3591.D
Acq On : 5 Jul 2007 12:03
Sample : CCV-10188
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 06:12:28 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	71	0.00
2		Dichlorodifluoromethane	50.000	72.354	-44.7#	116	0.00
3	P	Chloromethane	50.000	73.727	-47.5#	117	0.00
4	CP	Vinyl chloride	50.000	69.179	-38.4#	107	0.00
5		Bromomethane	50.000	54.509	-9.0	85	0.00
6		Chloroethane	50.000	91.129	-82.3#	142	0.00
7		Trichlorofluoromethane	50.000	82.086	-64.2#	124	0.00
8		Acetone	100.000	85.219	14.8	83	0.00
9	CPM	1,1-Dichloroethene	50.000	42.995	14.0	64	0.00
10		Methylene chloride	50.000	42.910	14.2	66	0.00
11		trans-1,2-Dichloroethene	50.000	42.842	14.3	63	0.00
12		Methyl tert-Butyl ether	50.000	40.081	19.8	65	0.00
13	P	1,1-Dichloroethane	50.000	47.341	5.3	73	0.00
14		2-Butanone	100.000	95.251	4.7	80	0.00
15		cis-1,2-Dichloroethene	50.000	42.728	14.5	64	0.00
16		Bromochloromethane	50.000	37.223	25.6#	58	0.00
17	CP	Chloroform	50.000	44.196	11.6	68	0.00
18		2,2-Dichloropropane	50.000	45.924	8.2	68	0.00
19	S	Dibromofluoromethane	50.000	40.072	19.9	63	0.00
20	S	1,2-Dichloroethane-d4	50.000	40.924	18.2	69	0.00
21		1,2-Dichloroethane	50.000	43.641	12.7	71	0.00
22		1,1,1-Trichloroethane	50.000	45.310	9.4	68	0.00
23		1,1-Dichloropropene	50.000	46.441	7.1	68	0.00
24		Carbon tetrachloride	50.000	46.894	6.2	65	0.00
25	M	Benzene	50.000	46.244	7.5	69	0.00
26	M	Trichloroethene	50.000	41.779	16.4	64	0.00
27		Dibromomethane	50.000	39.549	20.9#	64	0.00
28	CP	1,2-Dichloropropane	50.000	44.858	10.3	71	0.00
29		Bromodichloromethane	50.000	40.164	19.7	67	0.00
30		4-Methyl-2-pentanone	100.000	80.833	19.2	75	0.00
31		cis-1,3-Dichloropropene	50.000	39.747	20.5#	65	0.00
32	S	Toluene-d8	50.000	42.828	14.3	63	0.00
33	CPM	Toluene	50.000	39.419	21.2#	63	0.00
34		trans-1,3-Dichloropropene	50.000	38.595	22.8#	65	0.00
35		1,1,2-Trichloroethane	50.000	39.181	21.6#	62	0.00
36		1,2-Dibromoethane	50.000	36.563	26.9#	64	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
38		1,3-Dichloropropane	50.000	40.765	18.5	65	0.00
39		Dibromochloromethane	50.000	34.302	31.4#	56	0.00
40		Tetrachloroethene	50.000	36.399	27.2#	52	0.00

(#) = Out of Range

ABM 7-10-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3591.D
Acq On : 5 Jul 2007 12:03
Sample : CCV-10188
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J625AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jul 10 06:12:28 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	44.556	10.9	67	0.00
42		1,1,1,2-Tetrachloroethane	50.000	37.344	25.3#	65	0.00
43	PM	Chlorobenzene	50.000	39.820	20.4#	65	0.00
44	CP	Ethylbenzene	50.000	44.830	10.3	68	0.00
45		(m+p)-Xylene	100.000	83.959	16.0	65	0.00
46		o-Xylene	50.000	40.985	18.0	64	0.00
47		Styrene	50.000	38.106	23.8#	62	0.00
48	P	Bromoform	50.000	35.385	29.2#	56	0.00
49	S	Bromofluorobenzene	50.000	38.263	23.5#	65	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	60	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	49.306	1.4	65	0.00
52		Isopropylbenzene	50.000	54.210	-8.4	65	0.00
53		1,2,3-Trichloropropane	50.000	47.725	4.5	67	0.00
54		Bromobenzene	50.000	42.572	14.9	57	0.00
55		n-Propylbenzene	50.000	55.690	-11.4	67	0.00
56		2-Chlorotoluene	50.000	51.951	-3.9	66	0.00
57		4-Chlorotoluene	50.000	51.946	-3.9	65	0.00
58		1,3,5-Trimethylbenzene	50.000	51.863	-3.7	64	0.00
59		tert-Butylbenzene	50.000	51.057	-2.1	63	0.00
60		1,2,4-Trimethylbenzene	50.000	51.267	-2.5	63	0.00
61		sec-Butylbenzene	50.000	54.581	-9.2	65	0.00
62		1,3-Dichlorobenzene	50.000	44.552	10.9	57	0.00
63		p-Isopropyltoluene	50.000	50.444	-0.9	60	0.00
64		1,4-Dichlorobenzene	50.000	42.930	14.1	56	0.00
65		n-Butylbenzene	50.000	52.184	-4.4	62	0.00
66		1,2-Dichlorobenzene	50.000	44.694	10.6	57	0.00
67		1,2-Dibromo-3-chloropropane	50.000	59.321	-18.6	92	0.00
68		1,2,4-Trichlorobenzene	50.000	50.908	-1.8	61	0.00
69		Hexachlorobutadiene	50.000	45.560	8.9	54	0.00
70		Naphthalene	50.000	65.687	-31.4#	89	0.00
71		1,2,3-Trichlorobenzene	50.000	54.918	-9.8	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 2

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10197 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190, 96, 97
Misc : CCV ,8260WAF 40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	103	0.00
2		Dichlorodifluoromethane	0.519	0.551	-6.2	100	0.00
3	P	Chloromethane	0.169	0.159	5.9	98	0.00
4	CP	Vinyl chloride	0.176	0.203	-15.3	110	0.00
5		Bromomethane	0.245	0.201	18.0	79	0.00
6		Chloroethane	0.112	0.126	-12.5	104	0.00
7		Trichlorofluoromethane	0.837	0.950	-13.5	106	0.00
8		Acetone	0.027	0.030#	-11.1	112	0.00
9	CPM	1,1-Dichloroethene	0.230	0.272	-18.3	115	0.00
10		Methylene chloride	0.303	0.319	-5.3	111	0.00
11		trans-1,2-Dichloroethene	0.322	0.352	-9.3	107	0.00
12		Methyl tert-Butyl ether	0.459	0.465	-1.3	102	0.00
13	P	1,1-Dichloroethane	0.618	0.669	-8.3	106	0.00
14		2-Butanone	0.050	0.044#	12.0	91	0.00
15		cis-1,2-Dichloroethene	0.349	0.381	-9.2	105	0.00
16		Bromochloromethane	0.211	0.218	-3.3	105	0.00
17	CP	Chloroform	0.838	0.853	-1.8	100	0.00
18		2,2-Dichloropropane	0.577	0.591	-2.4	102	0.00
19	S	Dibromofluoromethane	0.795	0.811	-2.0	100	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.303	2.6	97	0.00
21		1,2-Dichloroethane	0.376	0.362	3.7	96	0.00
22		1,1,1-Trichloroethane	0.738	0.770	-4.3	102	0.00
23		1,1-Dichloropropene	0.483	0.521	-7.9	105	0.00
24		Carbon tetrachloride	0.775	0.782	-0.9	97	0.00
25	M	Benzene	0.799	0.839	-5.0	105	0.00
26	M	Trichloroethene	0.480	0.506	-5.4	100	0.00
27		Dibromomethane	0.360	0.363	-0.8	99	0.00
28	CP	1,2-Dichloropropane	0.324	0.334	-3.1	102	0.00
29		Bromodichloromethane	0.899	0.915	-1.8	98	0.00
30		4-Methyl-2-pentanone	0.181	0.174	3.9	94	0.00
31		cis-1,3-Dichloropropene	0.520	0.535	-2.9	99	0.00
32	S	Toluene-d8	0.863	0.928	-7.5	104	0.00
33	CPM	Toluene	0.549	0.596	-8.6	105	0.00
34		trans-1,3-Dichloropropene	0.386	0.391	-1.3	101	0.00
35		1,1,2-Trichloroethane	0.239	0.248	-3.8	102	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
37		1,2-Dibromoethane	0.779	0.794	-1.9	101	0.00
38		1,3-Dichloropropane	0.701	0.746	-6.4	106	0.00
39		Dibromochloromethane	1.249	1.261	-1.0	99	0.00
40		Tetrachloroethene	1.006	1.051	-4.5	102	0.00

(#) = Out of Range

7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190,96,97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.737	-11.0	107	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.860	-2.4	102	0.00
43	PM	Chlorobenzene	1.332	1.392	-4.5	101	0.00
44	CP	Ethylbenzene	1.851	1.955	-5.6	103	0.00
45		(m+p)-Xylene	0.683	0.725	-6.1	105	0.00
46		o-Xylene	0.708	0.760	-7.3	108	0.00
47		Styrene	1.195	1.267	-6.0	105	0.00
48	P	Bromoform	0.698	0.725	-3.9	102	0.00
49	S	Bromofluorobenzene	1.407	1.449	-3.0	105	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.893	-5.4	103	0.00
52		Isopropylbenzene	2.503	2.728	-9.0	105	0.00
		1,2,3-Trichloropropane	0.501	0.506	-1.0	102	0.00
54		Bromobenzene	0.984	0.995	-1.1	98	0.00
55		n-Propylbenzene	2.996	3.308	-10.4	103	0.00
56		2-Chlorotoluene	2.343	2.553	-9.0	108	0.00
57		4-Chlorotoluene	2.374	2.458	-3.5	95	0.00
58		1,3,5-Trimethylbenzene	1.923	2.021	-5.1	101	0.00
59		tert-Butylbenzene	2.016	2.197	-9.0	105	0.00
60		1,2,4-Trimethylbenzene	1.773	1.854	-4.6	101	0.00
61		sec-Butylbenzene	2.746	3.083	-12.3	105	0.00
62		1,3-Dichlorobenzene	1.606	1.721	-7.2	103	0.00
63		p-Isopropyltoluene	2.066	2.241	-8.5	103	0.00
64		1,4-Dichlorobenzene	1.487	1.598	-7.5	103	0.00
65		n-Butylbenzene	1.764	1.857	-5.3	100	0.00
66		1,2-Dichlorobenzene	1.443	1.600	-10.9	106	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.209	0.9	91	0.00
68		1,2,4-Trichlorobenzene	0.951	1.015	-6.7	103	0.00
69		Hexachlorobutadiene	0.835	0.912	-9.2	103	0.00
70		Naphthalene	0.749	0.712	4.9	98	0.00
71		1,2,3-Trichlorobenzene	0.859	0.879	-2.3	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190, 96, 97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	103	0.00
2		Dichlorodifluoromethane	10.000	10.620	-6.2	100	0.00
3	P	Chloromethane	10.000	9.365	6.3	98	0.00
4	CP	Vinyl chloride	10.000	11.330	-13.3	110	0.00
5		Bromomethane	10.000	8.192	18.1	79	0.00
6		Chloroethane	10.000	11.212	-12.1	104	0.00
7		Trichlorofluoromethane	10.000	11.351	-13.5	106	0.00
8		Acetone	20.000	22.101	-10.5	112	0.00
9	CPM	1,1-Dichloroethene	10.000	11.830	-18.3	115	0.00
10		Methylene chloride	10.000	10.539	-5.4	111	0.00
11		trans-1,2-Dichloroethene	10.000	10.924	-9.2	107	0.00
12		Methyl tert-Butyl ether	10.000	10.113	-1.1	102	0.00
13	P	1,1-Dichloroethane	10.000	10.838	-8.4	106	0.00
		2-Butanone	20.000	17.696	11.5	91	0.00
15		cis-1,2-Dichloroethene	10.000	10.932	-9.3	105	0.00
16		Bromochloromethane	10.000	10.312	-3.1	105	0.00
17	CP	Chloroform	10.000	10.175	-1.8	100	0.00
18		2,2-Dichloropropane	10.000	10.243	-2.4	102	0.00
19	S	Dibromofluoromethane	10.000	10.200	-2.0	100	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.750	2.5	97	0.00
21		1,2-Dichloroethane	10.000	9.641	3.6	96	0.00
22		1,1,1-Trichloroethane	10.000	10.443	-4.4	102	0.00
23		1,1-Dichloropropene	10.000	10.793	-7.9	105	0.00
24		Carbon tetrachloride	10.000	10.090	-0.9	97	0.00
25	M	Benzene	10.000	10.499	-5.0	105	0.00
26	M	Trichloroethene	10.000	10.529	-5.3	100	0.00
27		Dibromomethane	10.000	10.098	-1.0	99	0.00
28	CP	1,2-Dichloropropane	10.000	10.283	-2.8	102	0.00
29		Bromodichloromethane	10.000	10.177	-1.8	98	0.00
30		4-Methyl-2-pentanone	20.000	19.200	4.0	94	0.00
31		cis-1,3-Dichloropropene	10.000	10.293	-2.9	99	0.00
32	S	Toluene-d8	10.000	10.759	-7.6	104	0.00
33	CPM	Toluene	10.000	10.864	-8.6	105	0.00
34		trans-1,3-Dichloropropene	10.000	10.131	-1.3	101	0.00
35		1,1,2-Trichloroethane	10.000	10.400	-4.0	102	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	98	0.00
37		1,2-Dibromoethane	10.000	10.188	-1.9	101	0.00
38		1,3-Dichloropropane	10.000	10.643	-6.4	106	0.00
39		Dibromochloromethane	10.000	10.096	-1.0	99	0.00
40		Tetrachloroethene	10.000	10.442	-4.4	102	0.00

(#) = Out of Range

7/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1271.D
Acq On : 3 Jul 2007 6:25
Sample : CCV-10190,96,97
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 07:44:10 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.098	-11.0	107	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.242	-2.4	102	0.00
43	PM	Chlorobenzene	10.000	10.446	-4.5	101	0.00
44	CP	Ethylbenzene	10.000	10.560	-5.6	103	0.00
45		(m+p)-Xylene	20.000	21.209	-6.0	105	0.00
46		o-Xylene	10.000	10.742	-7.4	108	0.00
47		Styrene	10.000	10.605	-6.1	105	0.00
48	P	Bromoform	10.000	10.379	-3.8	102	0.00
49	S	Bromofluorobenzene	10.000	10.298	-3.0	105	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	100	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.547	-5.5	103	0.00
52		Isopropylbenzene	10.000	10.896	-9.0	105	0.00
		1,2,3-Trichloropropane	10.000	10.111	-1.1	102	0.00
54		Bromobenzene	10.000	10.115	-1.2	98	0.00
55		n-Propylbenzene	10.000	11.044	-10.4	103	0.00
56		2-Chlorotoluene	10.000	10.896	-9.0	108	0.00
57		4-Chlorotoluene	10.000	10.352	-3.5	95	0.00
58		1,3,5-Trimethylbenzene	10.000	10.507	-5.1	101	0.00
59		tert-Butylbenzene	10.000	10.897	-9.0	105	0.00
60		1,2,4-Trimethylbenzene	10.000	10.455	-4.6	101	0.00
61		sec-Butylbenzene	10.000	11.227	-12.3	105	0.00
62		1,3-Dichlorobenzene	10.000	10.717	-7.2	103	0.00
63		p-Isopropyltoluene	10.000	10.849	-8.5	103	0.00
64		1,4-Dichlorobenzene	10.000	10.749	-7.5	103	0.00
65		n-Butylbenzene	10.000	10.525	-5.3	100	0.00
66		1,2-Dichlorobenzene	10.000	11.089	-10.9	106	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.889	1.1	91	0.00
68		1,2,4-Trichlorobenzene	10.000	10.668	-6.7	103	0.00
69		Hexachlorobutadiene	10.000	10.922	-9.2	103	0.00
70		Naphthalene	10.000	9.512	4.9	98	0.00
71		1,2,3-Trichlorobenzene	10.000	10.228	-2.3	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10208 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207,08
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	107	0.00
2		Dichlorodifluoromethane	0.519	0.536	-3.3	101	0.00
3	P	Chloromethane	0.169	0.146	13.6	94	0.00
4	CP	Vinyl chloride	0.176	0.199	-13.1	112	0.00
5		Bromomethane	0.245	0.227	7.3	93	0.00
6		Chloroethane	0.112	0.127	-13.4	108	0.00
7		Trichlorofluoromethane	0.837	0.923	-10.3	107	0.00
8		Acetone	0.027	0.031#	-14.8	122	0.00
9	CPM	1,1-Dichloroethene	0.230	0.251	-9.1	110	0.00
10		Methylene chloride	0.303	0.319	-5.3	115	0.00
11		trans-1,2-Dichloroethene	0.322	0.338	-5.0	106	0.00
12		Methyl tert-Butyl ether	0.459	0.477	-3.9	109	0.00
13	P	1,1-Dichloroethane	0.618	0.669	-8.3	110	0.00
14		2-Butanone	0.050	0.047#	6.0	101	0.00
		cis-1,2-Dichloroethene	0.349	0.377	-8.0	108	0.00
16		Bromochloromethane	0.211	0.225	-6.6	113	0.00
17	CP	Chloroform	0.838	0.853	-1.8	103	0.00
18		2,2-Dichloropropane	0.577	0.556	3.6	100	0.00
19	S	Dibromofluoromethane	0.795	0.822	-3.4	106	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.312	-0.3	104	0.00
21		1,2-Dichloroethane	0.376	0.379	-0.8	104	0.00
22		1,1,1-Trichloroethane	0.738	0.791	-7.2	108	0.00
23		1,1-Dichloropropene	0.483	0.518	-7.2	108	0.00
24		Carbon tetrachloride	0.775	0.797	-2.8	103	0.00
25	M	Benzene	0.799	0.868	-8.6	113	0.00
26	M	Trichloroethene	0.480	0.527	-9.8	108	0.00
27		Dibromomethane	0.360	0.360	0.0	101	0.00
28	CP	1,2-Dichloropropane	0.324	0.327	-0.9	103	0.00
29		Bromodichloromethane	0.899	0.906	-0.8	101	0.00
30		4-Methyl-2-pentanone	0.181	0.183	-1.1	102	0.00
31		cis-1,3-Dichloropropene	0.520	0.538	-3.5	103	0.00
32	S	Toluene-d8	0.863	0.927	-7.4	108	0.00
33	CPM	Toluene	0.549	0.584	-6.4	106	0.00
34		trans-1,3-Dichloropropene	0.386	0.375	2.8	100	0.00
35		1,1,2-Trichloroethane	0.239	0.240	-0.4	102	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
37		1,2-Dibromoethane	0.779	0.816	-4.7	106	0.00
38		1,3-Dichloropropane	0.701	0.735	-4.9	106	0.00
[illegible]		Dibromochloromethane	1.249	1.223	2.1	98	0.00
[illegible]		Tetrachloroethene	1.006	1.077	-7.1	106	0.00

(#) = Out of Range

M1292.D M625AF31.M Thu Jul 05 13:47:19 2007 7/5/07 P

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207,08
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.716	-7.8	106	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.853	-1.5	103	0.00
43	PM	Chlorobenzene	1.332	1.375	-3.2	102	0.00
44	CP	Ethylbenzene	1.851	1.916	-3.5	102	0.00
45		(m+p)-Xylene	0.683	0.709	-3.8	105	0.00
46		o-Xylene	0.708	0.750	-5.9	109	0.00
47		Styrene	1.195	1.258	-5.3	106	0.00
48	P	Bromoform	0.698	0.693	0.7	99	0.00
49	S	Bromofluorobenzene	1.407	1.406	0.1	104	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.889	-5.0	104	0.00
52		Isopropylbenzene	2.503	2.761	-10.3	108	0.00
[illegible]		1,2,3-Trichloropropane	0.501	0.475	5.2	97	0.00
		Bromobenzene	0.984	1.003	-1.9	100	0.00
55		n-Propylbenzene	2.996	3.372	-12.6	107	0.00
56		2-Chlorotoluene	2.343	2.759	-17.8	118	0.00
57		4-Chlorotoluene	2.374	2.180	8.2	85	0.00
58		1,3,5-Trimethylbenzene	1.923	2.007	-4.4	101	0.00
59		tert-Butylbenzene	2.016	2.170	-7.6	105	0.00
60		1,2,4-Trimethylbenzene	1.773	1.834	-3.4	102	0.00
61		sec-Butylbenzene	2.746	2.949	-7.4	102	0.00
62		1,3-Dichlorobenzene	1.606	1.699	-5.8	104	0.00
63		p-Isopropyltoluene	2.066	2.182	-5.6	101	0.00
64		1,4-Dichlorobenzene	1.487	1.573	-5.8	103	0.00
65		n-Butylbenzene	1.764	1.833	-3.9	100	0.00
66		1,2-Dichlorobenzene	1.443	1.537	-6.5	103	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.214	-1.4	94	0.00
68		1,2,4-Trichlorobenzene	0.951	1.000	-5.2	103	0.00
69		Hexachlorobutadiene	0.835	0.917	-9.8	106	0.00
70		Naphthalene	0.749	0.703	6.1	98	0.00
71		1,2,3-Trichlorobenzene	0.859	0.871	-1.4	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207,08
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	107	0.00
2		Dichlorodifluoromethane	10.000	10.327	-3.3	101	0.00
3	P	Chloromethane	10.000	8.651	13.5	94	0.00
4	CP	Vinyl chloride	10.000	11.090	-10.9	112	0.00
5		Bromomethane	10.000	9.262	7.4	93	0.00
6		Chloroethane	10.000	11.299	-13.0	108	0.00
7		Trichlorofluoromethane	10.000	11.027	-10.3	107	0.00
8		Acetone	20.000	23.060	-15.3	122	0.00
9	CPM	1,1-Dichloroethene	10.000	10.905	-9.0	110	0.00
10		Methylene chloride	10.000	10.537	-5.4	115	0.00
11		trans-1,2-Dichloroethene	10.000	10.500	-5.0	106	0.00
12		Methyl tert-Butyl ether	10.000	10.387	-3.9	109	0.00
13	P	1,1-Dichloroethane	10.000	10.831	-8.3	110	0.00
14		2-Butanone	20.000	18.868	5.7	101	0.00
		cis-1,2-Dichloroethene	10.000	10.819	-8.2	108	0.00
16		Bromochloromethane	10.000	10.656	-6.6	113	0.00
17	CP	Chloroform	10.000	10.169	-1.7	103	0.00
18		2,2-Dichloropropane	10.000	9.623	3.8	100	0.00
19	S	Dibromofluoromethane	10.000	10.346	-3.5	106	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.042	-0.4	104	0.00
21		1,2-Dichloroethane	10.000	10.080	-0.8	104	0.00
22		1,1,1-Trichloroethane	10.000	10.716	-7.2	108	0.00
23		1,1-Dichloropropene	10.000	10.733	-7.3	108	0.00
24		Carbon tetrachloride	10.000	10.284	-2.8	103	0.00
25	M	Benzene	10.000	10.860	-8.6	113	0.00
26	M	Trichloroethene	10.000	10.978	-9.8	108	0.00
27		Dibromomethane	10.000	10.020	-0.2	101	0.00
28	CP	1,2-Dichloropropane	10.000	10.089	-0.9	103	0.00
29		Bromodichloromethane	10.000	10.081	-0.8	101	0.00
30		4-Methyl-2-pentanone	20.000	20.157	-0.8	102	0.00
31		cis-1,3-Dichloropropene	10.000	10.353	-3.5	103	0.00
32	S	Toluene-d8	10.000	10.740	-7.4	108	0.00
33	CPM	Toluene	10.000	10.635	-6.3	106	0.00
34		trans-1,3-Dichloropropene	10.000	9.705	2.9	100	0.00
35		1,1,2-Trichloroethane	10.000	10.073	-0.7	102	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	100	0.00
37		1,2-Dibromoethane	10.000	10.479	-4.8	106	0.00
38		1,3-Dichloropropane	10.000	10.494	-4.9	106	0.00
[illegible]		Dibromochloromethane	10.000	9.790	2.1	98	0.00
[illegible]		Tetrachloroethene	10.000	10.707	-7.1	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1292.D
Acq On : 3 Jul 2007 19:23
Sample : CCV-10207,08
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 22
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Thu Jul 05 13:43:53 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.780	-7.8	106	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.150	-1.5	103	0.00
43	PM	Chlorobenzene	10.000	10.319	-3.2	102	0.00
44	CP	Ethylbenzene	10.000	10.347	-3.5	102	0.00
45		(m+p)-Xylene	20.000	20.768	-3.8	105	0.00
46		o-Xylene	10.000	10.596	-6.0	109	0.00
47		Styrene	10.000	10.533	-5.3	106	0.00
48	P	Bromoform	10.000	9.923	0.8	99	0.00
49	S	Bromofluorobenzene	10.000	9.995	0.1	104	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	102	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.497	-5.0	104	0.00
52		Isopropylbenzene	10.000	11.029	-10.3	108	0.00
53		1,2,3-Trichloropropane	10.000	11.112	-11.1	114	0.00
		Bromobenzene	10.000	10.195	-2.0	100	0.00
55		n-Propylbenzene	10.000	11.257	-12.6	107	0.00
56		2-Chlorotoluene	10.000	11.773	-17.7	118	0.00
57		4-Chlorotoluene	10.000	9.179	8.2	85	0.00
58		1,3,5-Trimethylbenzene	10.000	10.439	-4.4	101	0.00
59		tert-Butylbenzene	10.000	10.766	-7.7	105	0.00
60		1,2,4-Trimethylbenzene	10.000	10.344	-3.4	102	0.00
61		sec-Butylbenzene	10.000	10.739	-7.4	102	0.00
62		1,3-Dichlorobenzene	10.000	10.580	-5.8	104	0.00
63		p-Isopropyltoluene	10.000	10.562	-5.6	101	0.00
64		1,4-Dichlorobenzene	10.000	10.578	-5.8	103	0.00
65		n-Butylbenzene	10.000	10.392	-3.9	100	0.00
66		1,2-Dichlorobenzene	10.000	10.647	-6.5	103	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.139	-1.4	94	0.00
68		1,2,4-Trichlorobenzene	10.000	10.509	-5.1	103	0.00
69		Hexachlorobutadiene	10.000	10.981	-9.8	106	0.00
70		Naphthalene	10.000	9.391	6.1	98	0.00
71		1,2,3-Trichlorobenzene	10.000	10.140	-1.4	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10251 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251,52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	95	0.00
2		Dichlorodifluoromethane	0.519	0.528	-1.7	88	0.00
3	P	Chloromethane	0.169	0.156	7.7	89	0.00
4	CP	Vinyl chloride	0.176	0.208	-18.2	104	0.00
5		Bromomethane	0.245	0.216	11.8	79	0.00
6		Chloroethane	0.112	0.139	-24.1#	106	0.00
7		Trichlorofluoromethane	0.837	0.926	-10.6	96	0.00
8		Acetone	0.027	0.029#	-7.4	102	0.00
9	CPM	1,1-Dichloroethene	0.230	0.252	-9.6	98	0.00
10		Methylene chloride	0.303	0.317	-4.6	102	0.00
11		trans-1,2-Dichloroethene	0.322	0.338	-5.0	95	0.00
12		Methyl tert-Butyl ether	0.459	0.460	-0.2	93	0.00
13	P	1,1-Dichloroethane	0.618	0.675	-9.2	99	0.00
		2-Butanone	0.050	0.046#	8.0	89	0.00
15		cis-1,2-Dichloroethene	0.349	0.381	-9.2	97	0.00
16		Bromochloromethane	0.211	0.210	0.5	94	0.00
17	CP	Chloroform	0.838	0.875	-4.4	95	0.00
18		2,2-Dichloropropane	0.577	0.553	4.2	88	0.00
19	S	Dibromofluoromethane	0.795	0.787	1.0	90	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.315	-1.3	93	0.00
21		1,2-Dichloroethane	0.376	0.387	-2.9	95	0.00
22		1,1,1-Trichloroethane	0.738	0.739	-0.1	90	0.00
23		1,1-Dichloropropene	0.483	0.518	-7.2	96	0.00
24		Carbon tetrachloride	0.775	0.780	-0.6	90	0.00
25	M	Benzene	0.799	0.864	-8.1	100	0.00
26	M	Trichloroethene	0.480	0.510	-6.3	93	0.00
27		Dibromomethane	0.360	0.360	0.0	90	0.00
28	CP	1,2-Dichloropropane	0.324	0.339	-4.6	96	0.00
29		Bromodichloromethane	0.899	0.913	-1.6	90	0.00
30		4-Methyl-2-pentanone	0.181	0.187	-3.3	93	0.00
31		cis-1,3-Dichloropropene	0.520	0.525	-1.0	89	0.00
32	S	Toluene-d8	0.863	0.925	-7.2	96	0.00
33	CPM	Toluene	0.549	0.591	-7.7	96	0.00
34		trans-1,3-Dichloropropene	0.386	0.376	2.6	89	0.00
35		1,1,2-Trichloroethane	0.239	0.243	-1.7	92	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
37		1,2-Dibromoethane	0.779	0.729	6.4	90	0.00
		1,3-Dichloropropane	0.701	0.736	-5.0	101	0.00
		Dibromochloromethane	1.249	1.139	8.8	86	0.00
40		Tetrachloroethene	1.006	0.964	4.2	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251,52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.680	-2.4	95	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.802	4.5	92	0.00
43	PM	Chlorobenzene	1.332	1.359	-2.0	96	0.00
44	CP	Ethylbenzene	1.851	1.916	-3.5	97	0.00
45		(m+p)-Xylene	0.683	0.679	0.6	96	0.00
46		o-Xylene	0.708	0.699	1.3	96	0.00
47		Styrene	1.195	1.153	3.5	92	0.00
48	P	Bromoform	0.698	0.620	11.2	84	0.00
49	S	Bromofluorobenzene	1.407	1.340	4.8	94	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.954	-12.6	97	0.00
52		Isopropylbenzene	2.503	2.838	-13.4	96	0.00
		1,2,3-Trichloropropane	0.501	0.477	4.8	84	0.00
54		Bromobenzene	0.984	1.016	-3.3	87	0.00
55		n-Propylbenzene	2.996	3.379	-12.8	93	0.00
56		2-Chlorotoluene	2.343	2.907	-24.1#	108	0.00
57		4-Chlorotoluene	2.374	2.907	-22.5#	98	0.00
58		1,3,5-Trimethylbenzene	1.923	2.061	-7.2	90	0.00
59		tert-Butylbenzene	2.016	2.245	-11.4	94	0.00
60		1,2,4-Trimethylbenzene	1.773	1.892	-6.7	91	0.00
61		sec-Butylbenzene	2.746	3.114	-13.4	93	0.00
62		1,3-Dichlorobenzene	1.606	1.731	-7.8	91	0.00
63		p-Isopropyltoluene	2.066	2.325	-12.5	93	0.00
64		1,4-Dichlorobenzene	1.487	1.608	-8.1	91	0.00
65		n-Butylbenzene	1.764	1.963	-11.3	93	0.00
66		1,2-Dichlorobenzene	1.443	1.603	-11.1	93	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.228	-8.1	87	0.00
68		1,2,4-Trichlorobenzene	0.951	0.945	0.6	84	0.00
69		Hexachlorobutadiene	0.835	0.905	-8.4	90	0.00
70		Naphthalene	0.749	0.695	7.2	84	0.00
71		1,2,3-Trichlorobenzene	0.859	0.842	2.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251,52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	95	0.00
2		Dichlorodifluoromethane	10.000	10.172	-1.7	88	0.00
3	P	Chloromethane	10.000	9.221	7.8	89	0.00
4	CP	Vinyl chloride	10.000	11.607	-16.1	104	0.00
5		Bromomethane	10.000	8.823	11.8	79	0.00
6		Chloroethane	10.000	12.431	-24.3#	106	0.00
7		Trichlorofluoromethane	10.000	11.063	-10.6	96	0.00
8		Acetone	20.000	21.693	-8.5	102	0.00
9	CPM	1,1-Dichloroethene	10.000	10.960	-9.6	98	0.00
10		Methylene chloride	10.000	10.446	-4.5	102	0.00
11		trans-1,2-Dichloroethene	10.000	10.501	-5.0	95	0.00
12		Methyl tert-Butyl ether	10.000	10.007	-0.1	93	0.00
13	P	1,1-Dichloroethane	10.000	10.925	-9.3	99	0.00
		2-Butanone	20.000	18.693	6.5	89	0.00
15		cis-1,2-Dichloroethene	10.000	10.932	-9.3	97	0.00
16		Bromochloromethane	10.000	9.968	0.3	94	0.00
17	CP	Chloroform	10.000	10.440	-4.4	95	0.00
18		2,2-Dichloropropane	10.000	9.573	4.3	88	0.00
19	S	Dibromofluoromethane	10.000	9.896	1.0	90	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.110	-1.1	93	0.00
21		1,2-Dichloroethane	10.000	10.295	-2.9	95	0.00
22		1,1,1-Trichloroethane	10.000	10.019	-0.2	90	0.00
23		1,1-Dichloropropene	10.000	10.725	-7.2	96	0.00
24		Carbon tetrachloride	10.000	10.056	-0.6	90	0.00
25	M	Benzene	10.000	10.814	-8.1	100	0.00
26	M	Trichloroethene	10.000	10.620	-6.2	93	0.00
27		Dibromomethane	10.000	10.017	-0.2	90	0.00
28	CP	1,2-Dichloropropane	10.000	10.456	-4.6	96	0.00
29		Bromodichloromethane	10.000	10.155	-1.5	90	0.00
30		4-Methyl-2-pentanone	20.000	20.610	-3.0	93	0.00
31		cis-1,3-Dichloropropene	10.000	10.092	-0.9	89	0.00
32	S	Toluene-d8	10.000	10.723	-7.2	96	0.00
33	CPM	Toluene	10.000	10.775	-7.8	96	0.00
34		trans-1,3-Dichloropropene	10.000	9.735	2.7	89	0.00
35		1,1,2-Trichloroethane	10.000	10.189	-1.9	92	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	95	0.00
37		1,2-Dibromoethane	10.000	9.360	6.4	90	0.00
		1,3-Dichloropropane	10.000	10.499	-5.0	101	0.00
		Dibromochloromethane	10.000	9.118	8.8	86	0.00
40		Tetrachloroethene	10.000	9.583	4.2	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251, 52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.238	-2.4	95	0.00
42		1,1,1,2-Tetrachloroethane	10.000	9.550	4.5	92	0.00
43	PM	Chlorobenzene	10.000	10.201	-2.0	96	0.00
44	CP	Ethylbenzene	10.000	10.349	-3.5	97	0.00
45		(m+p)-Xylene	20.000	19.889	0.6	96	0.00
46		o-Xylene	10.000	9.874	1.3	96	0.00
47		Styrene	10.000	9.651	3.5	92	0.00
48	P	Bromoform	10.000	8.877	11.2	84	0.00
49	S	Bromofluorobenzene	10.000	9.522	4.8	94	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	88	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.268	-12.7	97	0.00
52		Isopropylbenzene	10.000	11.335	-13.4	96	0.00
[illegible]		1,2,3-Trichloropropane	10.000	9.527	4.7	84	0.00
54		Bromobenzene	10.000	10.329	-3.3	87	0.00
55		n-Propylbenzene	10.000	11.280	-12.8	93	0.00
56		2-Chlorotoluene	10.000	12.408	-24.1#	108	0.00
57		4-Chlorotoluene	10.000	12.245	-22.4#	98	0.00
58		1,3,5-Trimethylbenzene	10.000	10.720	-7.2	90	0.00
59		tert-Butylbenzene	10.000	11.135	-11.4	94	0.00
60		1,2,4-Trimethylbenzene	10.000	10.668	-6.7	91	0.00
61		sec-Butylbenzene	10.000	11.341	-13.4	93	0.00
62		1,3-Dichlorobenzene	10.000	10.780	-7.8	91	0.00
63		p-Isopropyltoluene	10.000	11.255	-12.6	93	0.00
64		1,4-Dichlorobenzene	10.000	10.814	-8.1	91	0.00
65		n-Butylbenzene	10.000	11.128	-11.3	93	0.00
66		1,2-Dichlorobenzene	10.000	11.111	-11.1	93	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.796	-8.0	87	0.00
68		1,2,4-Trichlorobenzene	10.000	9.930	0.7	84	0.00
69		Hexachlorobutadiene	10.000	10.839	-8.4	90	0.00
70		Naphthalene	10.000	9.276	7.2	84	0.00
71		1,2,3-Trichlorobenzene	10.000	9.803	2.0	83	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10252 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251,52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	95	0.00
2		Dichlorodifluoromethane	0.519	0.528	-1.7	88	0.00
3	P	Chloromethane	0.169	0.156	7.7	89	0.00
4	CP	Vinyl chloride	0.176	0.208	-18.2	104	0.00
5		Bromomethane	0.245	0.216	11.8	79	0.00
6		Chloroethane	0.112	0.139	-24.1#	106	0.00
7		Trichlorofluoromethane	0.837	0.926	-10.6	96	0.00
8		Acetone	0.027	0.029#	-7.4	102	0.00
9	CPM	1,1-Dichloroethene	0.230	0.252	-9.6	98	0.00
10		Methylene chloride	0.303	0.317	-4.6	102	0.00
11		trans-1,2-Dichloroethene	0.322	0.338	-5.0	95	0.00
12		Methyl tert-Butyl ether	0.459	0.460	-0.2	93	0.00
13	P	1,1-Dichloroethane	0.618	0.675	-9.2	99	0.00
		2-Butanone	0.050	0.046#	8.0	89	0.00
15		cis-1,2-Dichloroethene	0.349	0.381	-9.2	97	0.00
16		Bromochloromethane	0.211	0.210	0.5	94	0.00
17	CP	Chloroform	0.838	0.875	-4.4	95	0.00
18		2,2-Dichloropropane	0.577	0.553	4.2	88	0.00
19	S	Dibromofluoromethane	0.795	0.787	1.0	90	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.315	-1.3	93	0.00
21		1,2-Dichloroethane	0.376	0.387	-2.9	95	0.00
22		1,1,1-Trichloroethane	0.738	0.739	-0.1	90	0.00
23		1,1-Dichloropropene	0.483	0.518	-7.2	96	0.00
24		Carbon tetrachloride	0.775	0.780	-0.6	90	0.00
25	M	Benzene	0.799	0.864	-8.1	100	0.00
26	M	Trichloroethene	0.480	0.510	-6.3	93	0.00
27		Dibromomethane	0.360	0.360	0.0	90	0.00
28	CP	1,2-Dichloropropane	0.324	0.339	-4.6	96	0.00
29		Bromodichloromethane	0.899	0.913	-1.6	90	0.00
30		4-Methyl-2-pentanone	0.181	0.187	-3.3	93	0.00
31		cis-1,3-Dichloropropene	0.520	0.525	-1.0	89	0.00
32	S	Toluene-d8	0.863	0.925	-7.2	96	0.00
33	CPM	Toluene	0.549	0.591	-7.7	96	0.00
34		trans-1,3-Dichloropropene	0.386	0.376	2.6	89	0.00
35		1,1,2-Trichloroethane	0.239	0.243	-1.7	92	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
37		1,2-Dibromoethane	0.779	0.729	6.4	90	0.00
		1,3-Dichloropropane	0.701	0.736	-5.0	101	0.00
		Dibromochloromethane	1.249	1.139	8.8	86	0.00
40		Tetrachloroethene	1.006	0.964	4.2	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251,52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.680	-2.4	95	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.802	4.5	92	0.00
43	PM	Chlorobenzene	1.332	1.359	-2.0	96	0.00
44	CP	Ethylbenzene	1.851	1.916	-3.5	97	0.00
45		(m+p)-Xylene	0.683	0.679	0.6	96	0.00
46		o-Xylene	0.708	0.699	1.3	96	0.00
47		Styrene	1.195	1.153	3.5	92	0.00
48	P	Bromoform	0.698	0.620	11.2	84	0.00
49	S	Bromofluorobenzene	1.407	1.340	4.8	94	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.954	-12.6	97	0.00
52		Isopropylbenzene	2.503	2.838	-13.4	96	0.00
[illegible]		1,2,3-Trichloropropane	0.501	0.477	4.8	84	0.00
54		Bromobenzene	0.984	1.016	-3.3	87	0.00
55		n-Propylbenzene	2.996	3.379	-12.8	93	0.00
56		2-Chlorotoluene	2.343	2.907	-24.1#	108	0.00
57		4-Chlorotoluene	2.374	2.907	-22.5#	98	0.00
58		1,3,5-Trimethylbenzene	1.923	2.061	-7.2	90	0.00
59		tert-Butylbenzene	2.016	2.245	-11.4	94	0.00
60		1,2,4-Trimethylbenzene	1.773	1.892	-6.7	91	0.00
61		sec-Butylbenzene	2.746	3.114	-13.4	93	0.00
62		1,3-Dichlorobenzene	1.606	1.731	-7.8	91	0.00
63		p-Isopropyltoluene	2.066	2.325	-12.5	93	0.00
64		1,4-Dichlorobenzene	1.487	1.608	-8.1	91	0.00
65		n-Butylbenzene	1.764	1.963	-11.3	93	0.00
66		1,2-Dichlorobenzene	1.443	1.603	-11.1	93	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.228	-8.1	87	0.00
68		1,2,4-Trichlorobenzene	0.951	0.945	0.6	84	0.00
69		Hexachlorobutadiene	0.835	0.905	-8.4	90	0.00
70		Naphthalene	0.749	0.695	7.2	84	0.00
71		1,2,3-Trichlorobenzene	0.859	0.842	2.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M1354.D M625AF31.M Mon Jul 09 11:08:25 2007 Pa

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251,52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	95	0.00
2		Dichlorodifluoromethane	10.000	10.172	-1.7	88	0.00
3	P	Chloromethane	10.000	9.221	7.8	89	0.00
4	CP	Vinyl chloride	10.000	11.607	-16.1	104	0.00
5		Bromomethane	10.000	8.823	11.8	79	0.00
6		Chloroethane	10.000	12.431	-24.3#	106	0.00
7		Trichlorofluoromethane	10.000	11.063	-10.6	96	0.00
8		Acetone	20.000	21.693	-8.5	102	0.00
9	CPM	1,1-Dichloroethene	10.000	10.960	-9.6	98	0.00
10		Methylene chloride	10.000	10.446	-4.5	102	0.00
11		trans-1,2-Dichloroethene	10.000	10.501	-5.0	95	0.00
12		Methyl tert-Butyl ether	10.000	10.007	-0.1	93	0.00
13	P	1,1-Dichloroethane	10.000	10.925	-9.3	99	0.00
		2-Butanone	20.000	18.693	6.5	89	0.00
15		cis-1,2-Dichloroethene	10.000	10.932	-9.3	97	0.00
16		Bromochloromethane	10.000	9.968	0.3	94	0.00
17	CP	Chloroform	10.000	10.440	-4.4	95	0.00
18		2,2-Dichloropropane	10.000	9.573	4.3	88	0.00
19	S	Dibromofluoromethane	10.000	9.896	1.0	90	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.110	-1.1	93	0.00
21		1,2-Dichloroethane	10.000	10.295	-2.9	95	0.00
22		1,1,1-Trichloroethane	10.000	10.019	-0.2	90	0.00
23		1,1-Dichloropropene	10.000	10.725	-7.2	96	0.00
24		Carbon tetrachloride	10.000	10.056	-0.6	90	0.00
25	M	Benzene	10.000	10.814	-8.1	100	0.00
26	M	Trichloroethene	10.000	10.620	-6.2	93	0.00
27		Dibromomethane	10.000	10.017	-0.2	90	0.00
28	CP	1,2-Dichloropropane	10.000	10.456	-4.6	96	0.00
29		Bromodichloromethane	10.000	10.155	-1.5	90	0.00
30		4-Methyl-2-pentanone	20.000	20.610	-3.0	93	0.00
31		cis-1,3-Dichloropropene	10.000	10.092	-0.9	89	0.00
32	S	Toluene-d8	10.000	10.723	-7.2	96	0.00
33	CPM	Toluene	10.000	10.775	-7.8	96	0.00
34		trans-1,3-Dichloropropene	10.000	9.735	2.7	89	0.00
35		1,1,2-Trichloroethane	10.000	10.189	-1.9	92	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	95	0.00
37		1,2-Dibromoethane	10.000	9.360	6.4	90	0.00
		1,3-Dichloropropane	10.000	10.499	-5.0	101	0.00
		Dibromochloromethane	10.000	9.118	8.8	86	0.00
40		Tetrachloroethene	10.000	9.583	4.2	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1354.D
Acq On : 5 Jul 2007 12:29
Sample : CCV-10251, 52
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Mon Jul 09 10:06:31 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.238	-2.4	95	0.00
42		1,1,1,2-Tetrachloroethane	10.000	9.550	4.5	92	0.00
43	PM	Chlorobenzene	10.000	10.201	-2.0	96	0.00
44	CP	Ethylbenzene	10.000	10.349	-3.5	97	0.00
45		(m+p)-Xylene	20.000	19.889	0.6	96	0.00
46		o-Xylene	10.000	9.874	1.3	96	0.00
47		Styrene	10.000	9.651	3.5	92	0.00
48	P	Bromoform	10.000	8.877	11.2	84	0.00
49	S	Bromofluorobenzene	10.000	9.522	4.8	94	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	88	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.268	-12.7	97	0.00
52		Isopropylbenzene	10.000	11.335	-13.4	96	0.00
[illegible]		1,2,3-Trichloropropane	10.000	9.527	4.7	84	0.00
54		Bromobenzene	10.000	10.329	-3.3	87	0.00
55		n-Propylbenzene	10.000	11.280	-12.8	93	0.00
56		2-Chlorotoluene	10.000	12.408	-24.1#	108	0.00
57		4-Chlorotoluene	10.000	12.245	-22.4#	98	0.00
58		1,3,5-Trimethylbenzene	10.000	10.720	-7.2	90	0.00
59		tert-Butylbenzene	10.000	11.135	-11.4	94	0.00
60		1,2,4-Trimethylbenzene	10.000	10.668	-6.7	91	0.00
61		sec-Butylbenzene	10.000	11.341	-13.4	93	0.00
62		1,3-Dichlorobenzene	10.000	10.780	-7.8	91	0.00
63		p-Isopropyltoluene	10.000	11.255	-12.6	93	0.00
64		1,4-Dichlorobenzene	10.000	10.814	-8.1	91	0.00
65		n-Butylbenzene	10.000	11.128	-11.3	93	0.00
66		1,2-Dichlorobenzene	10.000	11.111	-11.1	93	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.796	-8.0	87	0.00
68		1,2,4-Trichlorobenzene	10.000	9.930	0.7	84	0.00
69		Hexachlorobutadiene	10.000	10.839	-8.4	90	0.00
70		Naphthalene	10.000	9.276	7.2	84	0.00
71		1,2,3-Trichlorobenzene	10.000	9.803	2.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 996

ICV ID: ICV-10253 CCV #1 ID: CCV-10273 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3620.D
Acq On : 10 Jul 2007 12:07
Sample : CCV-10273
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J709AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jul 11 09:23:44 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	121	0.00
2		Dichlorodifluoromethane	0.121	0.118	2.5	129	0.00
3	P	Chloromethane	0.204	0.196	3.9	131	0.00
4	CP	Vinyl chloride	0.250	0.242	3.2	128	0.00
5		Bromomethane	0.213	0.185	13.1	125	0.00
6		Chloroethane	0.153	0.115	24.8#	111	0.00
7		Trichlorofluoromethane	0.409	0.326	20.3#	111	0.00
8		Acetone	0.085	0.068	20.0	116	0.00
9	CPM	1,1-Dichloroethene	0.174	0.151	13.2	109	0.00
10		Methylene chloride	0.376	0.197	47.6#	97	0.00
11		trans-1,2-Dichloroethene	0.218	0.184	15.6	106	0.00
12		Methyl tert-Butyl ether	0.494	0.422	14.6	100	0.00
13	P	1,1-Dichloroethane	0.411	0.340	17.3	100	0.00
14		2-Butanone	0.105	0.101	3.8	116	0.00
15		cis-1,2-Dichloroethene	0.238	0.202	15.1	104	0.00
16		Bromochloromethane	0.089	0.076	14.6	104	0.00
17	CP	Chloroform	0.380	0.312	17.9	101	0.00
18		2,2-Dichloropropane	0.322	0.277	14.0	106	0.00
19	S	Dibromofluoromethane	0.181	0.146	19.3	104	0.00
20	S	1,2-Dichloroethane-d4	0.212	0.163	23.1#	96	0.00
21		1,2-Dichloroethane	0.243	0.199	18.1	98	0.00
22		1,1,1-Trichloroethane	0.323	0.273	15.5	104	0.00
23		1,1-Dichloropropene	0.303	0.266	12.2	104	0.00
24		Carbon tetrachloride	0.213	0.182	14.6	107	0.00
25	M	Benzene	0.972	0.829	14.7	101	0.00
26	M	Trichloroethene	0.243	0.197	18.9	103	0.00
27		Dibromomethane	0.106	0.087	17.9	96	0.00
28	CP	1,2-Dichloropropane	0.223	0.183	17.9	98	0.00
29		Bromodichloromethane	0.244	0.200	18.0	100	0.00
30		4-Methyl-2-pentanone	0.187	0.187	0.0	117	0.00
31		cis-1,3-Dichloropropene	0.312	0.265	15.1	100	0.00
32	S	Toluene-d8	0.790	0.660	16.5	103	0.00
33	CPM	Toluene	0.636	0.505	20.6#	101	0.00
34		trans-1,3-Dichloropropene	0.259	0.216	16.6	98	0.00
35		1,1,2-Trichloroethane	0.141	0.115	18.4	98	0.00
36		1,2-Dibromoethane	0.142	0.119	16.2	99	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
38		1,3-Dichloropropane	0.769	0.661	14.0	98	0.00
39		Dibromochloromethane	0.375	0.315	16.0	99	0.00
40		Tetrachloroethene	0.470	0.420	10.6	113	0.00

(#) = Out of Range

ABM 7-11-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3620.D
Acq On : 10 Jul 2007 12:07
Sample : CCV-10273
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J709AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jul 11 09:23:44 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.773	0.696	10.0	108	0.00
42		1,1,1,2-Tetrachloroethane	0.415	0.351	15.4	102	0.00
43	PM	Chlorobenzene	1.548	1.328	14.2	104	0.00
44	CP	Ethylbenzene	2.804	2.472	11.8	103	0.00
45		(m+p)-Xylene	0.945	0.831	12.1	105	0.00
46		o-Xylene	0.872	0.780	10.6	106	0.00
47		Styrene	1.382	1.255	9.2	103	0.00
48	P	Bromoform	0.178	0.148	16.9	97	0.00
49	S	Bromofluorobenzene	0.615	0.516	16.1	106	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	0.00
51	P	1,1,2,2-Tetrachloroethane	1.019	0.836	18.0	94	0.00
52		Isopropylbenzene	4.445	4.089	8.0	104	0.00
53		1,2,3-Trichloropropane	0.850	0.686	19.3	93	0.00
54		Bromobenzene	0.889	0.759	14.6	105	0.00
55		n-Propylbenzene	5.137	4.722	8.1	103	0.00
56		2-Chlorotoluene	3.266	2.856	12.6	104	0.00
57		4-Chlorotoluene	2.766	2.419	12.5	104	0.00
58		1,3,5-Trimethylbenzene	3.072	2.731	11.1	105	0.00
59		tert-Butylbenzene	2.869	2.573	10.3	105	0.00
60		1,2,4-Trimethylbenzene	2.827	2.517	11.0	105	0.00
61		sec-Butylbenzene	4.508	4.107	8.9	103	0.00
62		1,3-Dichlorobenzene	1.515	1.292	14.7	106	0.00
63		p-Isopropyltoluene	3.228	2.938	9.0	106	0.00
64		1,4-Dichlorobenzene	1.563	1.246	20.3#	105	0.00
65		n-Butylbenzene	3.096	2.744	11.4	105	0.00
66		1,2-Dichlorobenzene	1.324	1.109	16.2	103	0.00
67		1,2-Dibromo-3-chloropropane	0.099	0.087	12.1	94	0.00
68		1,2,4-Trichlorobenzene	0.661	0.598	9.5	109	0.00
69		Hexachlorobutadiene	0.403	0.352	12.7	110	0.00
70		Naphthalene	1.323	1.226	7.3	101	0.00
71		1,2,3-Trichlorobenzene	0.596	0.545	8.6	104	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3620.D
Acq On : 10 Jul 2007 12:07
Sample : CCV-10273
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J709AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jul 11 09:23:44 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	121	0.00
2		Dichlorodifluoromethane	50.000	49.014	2.0	129	0.00
3	P	Chloromethane	50.000	47.975	4.0	131	0.00
4	CP	Vinyl chloride	50.000	48.433	3.1	128	0.00
5		Bromomethane	50.000	47.543	4.9	125	0.00
6		Chloroethane	50.000	42.946	14.1	111	0.00
7		Trichlorofluoromethane	50.000	39.779	20.4#	111	0.00
8		Acetone	100.000	88.944	11.1	116	0.00
9	CPM	1,1-Dichloroethene	50.000	43.210	13.6	109	0.00
10		Methylene chloride	50.000	38.559	22.9#	97	0.00
11		trans-1,2-Dichloroethene	50.000	42.138	15.7	106	0.00
12		Methyl tert-Butyl ether	50.000	42.753	14.5	100	0.00
13	P	1,1-Dichloroethane	50.000	41.284	17.4	100	0.00
14		2-Butanone	100.000	95.842	4.2	116	0.00
15		cis-1,2-Dichloroethene	50.000	42.479	15.0	104	0.00
16		Bromochloromethane	50.000	42.225	15.5	104	0.00
17	CP	Chloroform	50.000	41.049	17.9	101	0.00
18		2,2-Dichloropropane	50.000	43.001	14.0	106	0.00
19	S	Dibromofluoromethane	50.000	40.278	19.4	104	0.00
20	S	1,2-Dichloroethane-d4	50.000	38.324	23.4#	96	0.00
21		1,2-Dichloroethane	50.000	41.071	17.9	98	0.00
22		1,1,1-Trichloroethane	50.000	42.288	15.4	104	0.00
23		1,1-Dichloropropene	50.000	43.854	12.3	104	0.00
24		Carbon tetrachloride	50.000	42.701	14.6	107	0.00
25	M	Benzene	50.000	42.622	14.8	101	0.00
26	M	Trichloroethene	50.000	40.468	19.1	103	0.00
27		Dibromomethane	50.000	41.153	17.7	96	0.00
28	CP	1,2-Dichloropropane	50.000	41.047	17.9	98	0.00
29		Bromodichloromethane	50.000	41.076	17.8	100	0.00
30		4-Methyl-2-pentanone	100.000	89.434	10.6	117	0.00
31		cis-1,3-Dichloropropene	50.000	38.989	22.0#	100	0.00
32	S	Toluene-d8	50.000	41.749	16.5	103	0.00
33	CPM	Toluene	50.000	39.714	20.6#	101	0.00
34		trans-1,3-Dichloropropene	50.000	38.375	23.3#	98	0.00
35		1,1,2-Trichloroethane	50.000	40.888	18.2	98	0.00
36		1,2-Dibromoethane	50.000	41.763	16.5	99	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	116	0.00
38		1,3-Dichloropropane	50.000	43.000	14.0	98	0.00
39		Dibromochloromethane	50.000	38.993	22.0#	99	0.00
40		Tetrachloroethene	50.000	41.738	16.5	113	0.00

(#) = Out of Range

ABM 7-11-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3620.D
Acq On : 10 Jul 2007 12:07
Sample : CCV-10273
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J709AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Jul 11 09:23:44 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	41.584	16.8	108	0.00
42		1,1,1,2-Tetrachloroethane	50.000	42.342	15.3	102	0.00
43	PM	Chlorobenzene	50.000	42.883	14.2	104	0.00
44	CP	Ethylbenzene	50.000	44.073	11.9	103	0.00
45		(m+p)-Xylene	100.000	88.007	12.0	105	0.00
46		o-Xylene	50.000	44.693	10.6	106	0.00
47		Styrene	50.000	41.106	17.8	103	0.00
48	P	Bromoform	50.000	37.582	24.8#	97	0.00
49	S	Bromofluorobenzene	50.000	41.965	16.1	106	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	41.036	17.9	94	0.00
52		Isopropylbenzene	50.000	45.995	8.0	104	0.00
53		1,2,3-Trichloropropane	50.000	40.338	19.3	93	0.00
54		Bromobenzene	50.000	42.680	14.6	105	0.00
55		n-Propylbenzene	50.000	45.962	8.1	103	0.00
56		2-Chlorotoluene	50.000	43.723	12.6	104	0.00
57		4-Chlorotoluene	50.000	43.732	12.5	104	0.00
58		1,3,5-Trimethylbenzene	50.000	44.451	11.1	105	0.00
59		tert-Butylbenzene	50.000	44.856	10.3	105	0.00
60		1,2,4-Trimethylbenzene	50.000	44.529	10.9	105	0.00
61		sec-Butylbenzene	50.000	45.554	8.9	103	0.00
62		1,3-Dichlorobenzene	50.000	42.647	14.7	106	0.00
63		p-Isopropyltoluene	50.000	42.127	15.7	106	0.00
64		1,4-Dichlorobenzene	50.000	39.846	20.3#	105	0.00
65		n-Butylbenzene	50.000	44.311	11.4	105	0.00
66		1,2-Dichlorobenzene	50.000	41.891	16.2	103	0.00
67		1,2-Dibromo-3-chloropropane	50.000	35.265	29.5#	94	0.00
68		1,2,4-Trichlorobenzene	50.000	45.280	9.4	109	0.00
69		Hexachlorobutadiene	50.000	43.678	12.6	110	0.00
70		Naphthalene	50.000	46.328	7.3	101	0.00
71		1,2,3-Trichlorobenzene	50.000	45.785	8.4	104	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5970 GCMS#2 Initial Calibration -ID: 992

ICV ID: ICV-10081 CCV #1 ID: CCV-10274 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1413.D
Acq On : 9 Jul 2007 15:03
Sample : CCV-10274
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Jul 10 08:09:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	93	0.00
2		Dichlorodifluoromethane	0.519	0.371	28.5#	61	0.00
3	P	Chloromethane	0.169	0.167	1.2	93	0.00
4	CP	Vinyl chloride	0.176	0.180	-2.3	88	0.00
5		Bromomethane	0.245	0.233	4.9	84	0.00
6		Chloroethane	0.112	0.132	-17.9	99	0.00
7		Trichlorofluoromethane	0.837	0.895	-6.9	91	0.00
8		Acetone	0.027	0.034#	-25.9#	117	0.00
9	CPM	1,1-Dichloroethene	0.230	0.257	-11.7	98	0.00
10		Methylene chloride	0.303	0.354	-16.8	112	0.00
11		trans-1,2-Dichloroethene	0.322	0.348	-8.1	96	0.00
12		Methyl tert-Butyl ether	0.459	0.496	-8.1	99	0.00
13	P	1,1-Dichloroethane	0.618	0.697	-12.8	100	0.00
14		2-Butanone	0.050	0.058	-16.0	109	0.00
15		cis-1,2-Dichloroethene	0.349	0.392	-12.3	98	0.00
16		Bromochloromethane	0.211	0.223	-5.7	98	0.00
17	CP	Chloroform	0.838	0.893	-6.6	95	0.00
18		2,2-Dichloropropane	0.577	0.597	-3.5	94	0.00
19	S	Dibromofluoromethane	0.795	0.810	-1.9	91	0.00
20	S	1,2-Dichloroethane-d4	0.311	0.338	-8.7	98	0.00
21		1,2-Dichloroethane	0.376	0.395	-5.1	95	0.00
22		1,1,1-Trichloroethane	0.738	0.773	-4.7	93	0.00
23		1,1-Dichloropropene	0.483	0.527	-9.1	96	0.00
24		Carbon tetrachloride	0.775	0.804	-3.7	90	0.00
25	M	Benzene	0.799	0.892	-11.6	101	0.00
26	M	Trichloroethene	0.480	0.507	-5.6	91	0.00
27		Dibromomethane	0.360	0.374	-3.9	92	0.00
28	CP	1,2-Dichloropropane	0.324	0.360	-11.1	99	0.00
29		Bromodichloromethane	0.899	0.935	-4.0	91	0.00
30		4-Methyl-2-pentanone	0.181	0.209	-15.5	102	0.00
31		cis-1,3-Dichloropropene	0.520	0.549	-5.6	92	0.00
32	S	Toluene-d8	0.863	0.956	-10.8	97	0.00
33	CPM	Toluene	0.549	0.608	-10.7	97	0.00
34		trans-1,3-Dichloropropene	0.386	0.405	-4.9	94	0.00
35		1,1,2-Trichloroethane	0.239	0.262	-9.6	97	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
37		1,2-Dibromoethane	0.779	0.803	-3.1	93	0.00
38		1,3-Dichloropropane	0.701	0.765	-9.1	99	0.00
39		Dibromochloromethane	1.249	1.226	1.8	88	0.00
40		Tetrachloroethene	1.006	1.010	-0.4	89	0.00

(#) = Out of Range

7/11/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1413.D
Acq On : 9 Jul 2007 15:03
Sample : CCV-10274
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Jul 10 08:09:13 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.664	0.727	-9.5	96	0.00
42		1,1,1,2-Tetrachloroethane	0.840	0.843	-0.4	91	0.00
43	PM	Chlorobenzene	1.332	1.397	-4.9	93	0.00
44	CP	Ethylbenzene	1.851	1.965	-6.2	94	0.00
45		(m+p)-Xylene	0.683	0.714	-4.5	95	0.00
46		o-Xylene	0.708	0.768	-8.5	100	0.00
47		Styrene	1.195	1.260	-5.4	95	0.00
48	P	Bromoform	0.698	0.674	3.4	87	0.00
49	S	Bromofluorobenzene	1.407	1.427	-1.4	95	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	1.022	-20.7#	102	0.00
52		Isopropylbenzene	2.503	2.948	-17.8	98	0.00
53		1,2,3-Trichloropropane	0.501	0.523	-4.4	91	0.00
54		Bromobenzene	0.984	1.045	-6.2	88	0.00
55		n-Propylbenzene	2.996	3.690	-23.2#	99	0.00
56		2-Chlorotoluene	2.343	2.948	-25.8#	107	0.00
57		4-Chlorotoluene	2.374	2.948	-24.2#	98	0.00
58		1,3,5-Trimethylbenzene	1.923	2.158	-12.2	93	0.00
59		tert-Butylbenzene	2.016	2.298	-14.0	94	0.00
60		1,2,4-Trimethylbenzene	1.773	2.003	-13.0	95	0.00
61		sec-Butylbenzene	2.746	3.190	-16.2	94	0.00
62		1,3-Dichlorobenzene	1.606	1.832	-14.1	95	0.00
63		p-Isopropyltoluene	2.066	2.348	-13.6	93	0.00
64		1,4-Dichlorobenzene	1.487	1.627	-9.4	91	0.00
65		n-Butylbenzene	1.764	2.026	-14.9	94	0.00
66		1,2-Dichlorobenzene	1.443	1.643	-13.9	94	0.00
67		1,2-Dibromo-3-chloropropane	0.211	0.245	-16.1	92	0.00
68		1,2,4-Trichlorobenzene	0.951	0.990	-4.1	86	0.00
69		Hexachlorobutadiene	0.835	0.945	-13.2	92	0.00
70		Naphthalene	0.749	0.773	-3.2	92	0.00
71		1,2,3-Trichlorobenzene	0.859	0.897	-4.4	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1413.D
Acq On : 9 Jul 2007 15:03
Sample : CCV-10274
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Jul 10 08:09:15 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	93	0.00
2		Dichlorodifluoromethane	10.000	7.155	28.5#	61	0.00
3	P	Chloromethane	10.000	9.872	1.3	93	0.00
4	CP	Vinyl chloride	10.000	10.060	-0.6	88	0.00
5		Bromomethane	10.000	9.510	4.9	84	0.00
6		Chloroethane	10.000	11.773	-17.7	99	0.00
7		Trichlorofluoromethane	10.000	10.701	-7.0	91	0.00
8		Acetone	20.000	25.499	-27.5#	117	0.00
9	CPM	1,1-Dichloroethene	10.000	11.152	-11.5	98	0.00
10		Methylene chloride	10.000	11.670	-16.7	112	0.00
11		trans-1,2-Dichloroethene	10.000	10.821	-8.2	96	0.00
12		Methyl tert-Butyl ether	10.000	10.794	-7.9	99	0.00
13	P	1,1-Dichloroethane	10.000	11.278	-12.8	100	0.00
		2-Butanone	20.000	23.299	-16.5	109	0.00
15		cis-1,2-Dichloroethene	10.000	11.252	-12.5	98	0.00
16		Bromochloromethane	10.000	10.579	-5.8	98	0.00
17	CP	Chloroform	10.000	10.652	-6.5	95	0.00
18		2,2-Dichloropropane	10.000	10.346	-3.5	94	0.00
19	S	Dibromofluoromethane	10.000	10.194	-1.9	91	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.870	-8.7	98	0.00
21		1,2-Dichloroethane	10.000	10.517	-5.2	95	0.00
22		1,1,1-Trichloroethane	10.000	10.482	-4.8	93	0.00
23		1,1-Dichloropropene	10.000	10.922	-9.2	96	0.00
24		Carbon tetrachloride	10.000	10.371	-3.7	90	0.00
25	M	Benzene	10.000	11.163	-11.6	101	0.00
26	M	Trichloroethene	10.000	10.562	-5.6	91	0.00
27		Dibromomethane	10.000	10.408	-4.1	92	0.00
28	CP	1,2-Dichloropropane	10.000	11.085	-10.9	99	0.00
29		Bromodichloromethane	10.000	10.395	-3.9	91	0.00
30		4-Methyl-2-pentanone	20.000	23.008	-15.0	102	0.00
31		cis-1,3-Dichloropropene	10.000	10.551	-5.5	92	0.00
32	S	Toluene-d8	10.000	11.075	-10.7	97	0.00
33	CPM	Toluene	10.000	11.074	-10.7	97	0.00
34		trans-1,3-Dichloropropene	10.000	10.484	-4.8	94	0.00
35		1,1,2-Trichloroethane	10.000	10.969	-9.7	97	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	89	0.00
37		1,2-Dibromoethane	10.000	10.314	-3.1	93	0.00
		1,3-Dichloropropane	10.000	10.915	-9.1	99	0.00
39		Dibromochloromethane	10.000	9.816	1.8	88	0.00
40		Tetrachloroethene	10.000	10.041	-0.4	89	0.00

(#) = Out of Range

7/10/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M1413.D
Acq On : 9 Jul 2007 15:03
Sample : CCV-10274
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M625AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Jul 10 08:09:15 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.944	-9.4	96	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.038	-0.4	91	0.00
43	PM	Chlorobenzene	10.000	10.485	-4.8	93	0.00
44	CP	Ethylbenzene	10.000	10.616	-6.2	94	0.00
45		(m+p)-Xylene	20.000	20.910	-4.6	95	0.00
46		o-Xylene	10.000	10.845	-8.5	100	0.00
47		Styrene	10.000	10.549	-5.5	95	0.00
48	P	Bromoform	10.000	9.653	3.5	87	0.00
49	S	Bromofluorobenzene	10.000	10.141	-1.4	95	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	87	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	12.066	-20.7#	102	0.00
52		Isopropylbenzene	10.000	11.776	-17.8	98	0.00
		1,2,3-Trichloropropane	10.000	10.447	-4.5	91	0.00
54		Bromobenzene	10.000	10.618	-6.2	88	0.00
55		n-Propylbenzene	10.000	12.317	-23.2#	99	0.00
56		2-Chlorotoluene	10.000	12.582	-25.8#	107	0.00
57		4-Chlorotoluene	10.000	12.416	-24.2#	98	0.00
58		1,3,5-Trimethylbenzene	10.000	11.222	-12.2	93	0.00
59		tert-Butylbenzene	10.000	11.398	-14.0	94	0.00
60		1,2,4-Trimethylbenzene	10.000	11.297	-13.0	95	0.00
61		sec-Butylbenzene	10.000	11.620	-16.2	94	0.00
62		1,3-Dichlorobenzene	10.000	11.407	-14.1	95	0.00
63		p-Isopropyltoluene	10.000	11.366	-13.7	93	0.00
64		1,4-Dichlorobenzene	10.000	10.941	-9.4	91	0.00
65		n-Butylbenzene	10.000	11.484	-14.8	94	0.00
66		1,2-Dichlorobenzene	10.000	11.382	-13.8	94	0.00
67		1,2-Dibromo-3-chloropropane	10.000	11.602	-16.0	92	0.00
68		1,2,4-Trichlorobenzene	10.000	10.402	-4.0	86	0.00
69		Hexachlorobutadiene	10.000	11.314	-13.1	92	0.00
70		Naphthalene	10.000	10.321	-3.2	92	0.00
71		1,2,3-Trichlorobenzene	10.000	10.444	-4.4	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10157
Initial Calibration ID:	990	**File ID:**	J3540.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00189	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10157
Initial Calibration ID:	990	**File ID:**	J3540.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00342	0.00500	F
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.000700	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	90	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	97	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10157
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10157
Initial Calibration ID:	990	**File ID:**	J3540.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	836453	685144 - 2740574	
Chlorobenzene-d5	1585844	1005325 - 4021300	
Fluorobenzene	4492363	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10171
Initial Calibration ID:	990	**File ID:**	J3552.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.000820	0.00500	F
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.000580	0.00500	F
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00260	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10171
Initial Calibration ID:	990	**File ID:**	J3552.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00229	0.00500	F
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00250	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	90	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10171
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10171
Initial Calibration ID:	990	**File ID:**	J3552.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	787341	685144 - 2740574	
Chlorobenzene-d5	1501976	1005325 - 4021300	
Fluorobenzene	4264593	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10188
Initial Calibration ID:	990	**File ID:**	J3595.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	UQ
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.000790	0.00500	FQ
1,2,3-Trichloropropane	0.00023	0.00500	UQ
1,2,4-Trichlorobenzene	0.000550	0.00500	FQ
1,2,4-Trimethylbenzene	0.00006	0.00600	UQ
1,2-Dibromo-3-chloropropane	0.00031	0.0100	UQ
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	UQ
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	UQ
1,3-Dichlorobenzene	0.00011	0.00600	UQ
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	UQ
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	UQ
4-Chlorotoluene	0.00007	0.00500	UQ
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00158	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	UQ
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10188
Initial Calibration ID:	990	**File ID:**	J3595.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	UQ
Isopropylbenzene	0.00005	0.00500	UQ
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00213	0.00500	F
n-Butylbenzene	0.00013	0.00500	UQ
n-Propylbenzene	0.00003	0.00500	UQ
Naphthalene	0.00253	0.00500	FQB
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	UQ
sec-Butylbenzene	0.00005	0.00500	UQ
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	UQ
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	84	84 - 118	
Dibromofluoromethane	91	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10188
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10188
Initial Calibration ID:	990	**File ID:**	J3595.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	570043	685144 - 2740574	*
Chlorobenzene-d5	1219165	1005325 - 4021300	
Fluorobenzene	3529937	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10091
Initial Calibration ID:	990	**File ID:**	J3418.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.000620	0.00500	F
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00206	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10091
Initial Calibration ID:	990	**File ID:**	J3418.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00365	0.00500	F
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00138	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00155	0.00500	F
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10091
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10091
Initial Calibration ID:	990	**File ID:**	J3418.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1176006	685144 - 2740574	
Chlorobenzene-d5	1967432	1005325 - 4021300	
Fluorobenzene	5503896	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10197
Initial Calibration ID:	992	**File ID:**	M1273.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10197
Initial Calibration ID:	992	**File ID:**	M1273.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0800	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0750	0.500	F
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	100	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10197
Initial Calibration ID:	992	**File ID:**	M1273.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2859200	1128046 - 4512186	
Chlorobenzene-d5	3287065	1392345 - 5569380	
Fluorobenzene	5791052	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10208
Initial Calibration ID:	992	**File ID:**	M1297.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10208
Initial Calibration ID:	992	**File ID:**	M1297.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0675	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	98	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10208
Initial Calibration ID:	992	**File ID:**	M1297.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	3028128	1128046 - 4512186	
Chlorobenzene-d5	3530719	1392345 - 5569380	
Fluorobenzene	5991451	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10251
Initial Calibration ID:	992	**File ID:**	M1357.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10251
Initial Calibration ID:	992	**File ID:**	M1357.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0650	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0725	0.500	F
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10251
Initial Calibration ID:	992	**File ID:**	M1357.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2723446	1128046 - 4512186	
Chlorobenzene-d5	3273234	1392345 - 5569380	
Fluorobenzene	5430123	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10252
Initial Calibration ID:	992	**File ID:**	M1357.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10252
Initial Calibration ID:	992	**File ID:**	M1357.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0650	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0725	0.500	F
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10252
Initial Calibration ID:	992	**File ID:**	M1357.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2723446	1128046 - 4512186	
Chlorobenzene-d5	3273234	1392345 - 5569380	
Fluorobenzene	5430123	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10273
Initial Calibration ID:	996	**File ID:**	J3625.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.000560	0.00500	F
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.000660	0.00250	F
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	UQ
Acetone	0.00140	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10273
Initial Calibration ID:	996	**File ID:**	J3625.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00220	0.00500	F
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00148	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.000880	0.00500	F
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	116	84 - 118	
Dibromofluoromethane	111	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10273
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10273
Initial Calibration ID:	996	**File ID:**	J3625.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	116	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1215412	501074 - 2004296	
Chlorobenzene-d5	2099009	952958 - 3811830	
Fluorobenzene	5879744	2502442 - 10009770	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10274
Initial Calibration ID:	992	**File ID:**	M1416.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10274
Initial Calibration ID:	992	**File ID:**	M1416.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.150	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0800	0.500	F
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-10274
Initial Calibration ID:	992	**File ID:**	M1416.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2731286	1128046 - 4512186	
Chlorobenzene-d5	3406933	1392345 - 5569380	
Fluorobenzene	5595625	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5724
Initial Calibration ID:	992	**File ID:**	M1296.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0550	0.500	F
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5724
Initial Calibration ID:	992	**File ID:**	M1296.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.125	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.155	0.500	F
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	94	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5724
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5724
Initial Calibration ID:	992	**File ID:**	M1296.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2760246	1128046 - 4512186	
Chlorobenzene-d5	3194789	1392345 - 5569380	
Fluorobenzene	5993547	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5749
Initial Calibration ID:	992	**File ID:**	M1359.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5749
Initial Calibration ID:	992	**File ID:**	M1359.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.120	0.500	F
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	96	84 - 118	
Dibromofluoromethane	95	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	5749
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-5749
Initial Calibration ID:	992	**File ID:**	M1359.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2403627	1128046 - 4512186	
Chlorobenzene-d5	3020053	1392345 - 5569380	
Fluorobenzene	5432555	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10091 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3433.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0896	90	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0440	88	74 - 125	
1,1,1-Trichloroethane	0.05	0.0451	90	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0544	109	59 - 140	
1,1,2-Trichloroethane	0.05	0.0488	98	62 - 127	
1,1-Dichloroethane	0.05	0.0458	92	73 - 125	
1,1-Dichloroethene	0.05	0.0438	88	65 - 136	
1,1-Dichloropropene	0.05	0.0440	88	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0516	103	62 - 133	
1,2,3-Trichloropropane	0.05	0.0511	102	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0502	100	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0488	98	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0660	132	49 - 135	
1,2-Dibromoethane	0.05	0.0476	95	70 - 124	
1,2-Dichlorobenzene	0.05	0.0485	97	74 - 120	
1,2-Dichloroethane	0.05	0.0491	98	72 - 137	
1,2-Dichloropropane	0.05	0.0479	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0471	94	65 - 133	
1,3-Dichlorobenzene	0.05	0.0450	90	72 - 124	
1,3-Dichloropropane	0.05	0.0487	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0446	89	72 - 125	
1-Chlorohexane	0.05	0.0429	86	60 - 135	
2,2-Dichloropropane	0.05	0.0434	87	67 - 134	
2-Butanone	0.1	0.112	112	40 - 135	
2-Chlorotoluene	0.05	0.0463	93	69 - 128	
4-Chlorotoluene	0.05	0.0459	92	73 - 126	
4-Methyl-2-pentanone	0.1	0.0948	95	47 - 147	
Acetone	0.1	0.105	105	40 - 141	
Benzene	0.05	0.0477	95	73 - 126	
Bromobenzene	0.05	0.0476	95	66 - 121	
Bromochloromethane	0.05	0.0487	97	71 - 127	
Bromodichloromethane	0.05	0.0436	87	72 - 128	
Bromoform	0.05	0.0487	97	66 - 137	
Bromomethane	0.05	0.0492	98	45 - 141	
Carbon tetrachloride	0.05	0.0447	89	67 - 133	
Chlorobenzene	0.05	0.0469	94	75 - 123	
Chloroethane	0.05	0.0443	89	41 - 141	
Chloroform	0.05	0.0464	93	72 - 124	
Chloromethane	0.05	0.0420	84	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0477	95	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0448	90	72 - 126	
Dibromochloromethane	0.05	0.0430	86	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10091 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3433.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0490	98	73 - 128	
Dichlorodifluoromethane	0.05	0.0485	97	34 - 136	
Ethylbenzene	0.05	0.0460	92	74 - 127	
Hexachlorobutadiene	0.05	0.0448	90	53 - 142	
Isopropylbenzene	0.05	0.0483	97	77 - 129	
Methyl tert-butyl ether	0.05	0.0520	104	50 - 135	
Methylene chloride	0.05	0.0470	94	63 - 137	
n-Butylbenzene	0.05	0.0414	83	65 - 138	
n-Propylbenzene	0.05	0.0462	92	63 - 135	
Naphthalene	0.05	0.0724	145	51 - 135	*
o-Xylene	0.05	0.0469	94	77 - 125	
p-Isopropyltoluene	0.05	0.0446	89	75 - 133	
sec-Butylbenzene	0.05	0.0462	92	63 - 132	
Styrene	0.05	0.0441	88	74 - 128	
tert-Butylbenzene	0.05	0.0474	95	65 - 132	
Tetrachloroethene	0.05	0.0421	84	67 - 139	
Toluene	0.05	0.0440	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0456	91	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0442	88	65 - 127	
Trichloroethene	0.05	0.0432	86	77 - 124	
Trichlorofluoromethane	0.05	0.0372	74	49 - 139	
Vinyl chloride	0.05	0.0454	91	58 - 126	
Xylenes (total)	0.15	0.136	91	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1462463	685144 - 2740574	
Chlorobenzene-d5	2302656	1005325 - 4021300	
Fluorobenzene	6096383	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10157

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10157 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3535.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0855	86	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0429	86	74 - 125	
1,1,1-Trichloroethane	0.05	0.0455	91	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0550	110	59 - 140	
1,1,2-Trichloroethane	0.05	0.0468	94	62 - 127	
1,1-Dichloroethane	0.05	0.0490	98	73 - 125	
1,1-Dichloroethene	0.05	0.0443	89	65 - 136	
1,1-Dichloropropene	0.05	0.0439	88	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0606	121	62 - 133	
1,2,3-Trichloropropane	0.05	0.0531	106	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0538	108	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0494	99	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0694	139	49 - 135	*
1,2-Dibromoethane	0.05	0.0430	86	70 - 124	
1,2-Dichlorobenzene	0.05	0.0509	102	74 - 120	
1,2-Dichloroethane	0.05	0.0483	97	72 - 137	
1,2-Dichloropropane	0.05	0.0486	97	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0493	99	65 - 133	
1,3-Dichlorobenzene	0.05	0.0471	94	72 - 124	
1,3-Dichloropropane	0.05	0.0473	95	76 - 123	
1,4-Dichlorobenzene	0.05	0.0453	91	72 - 125	
1-Chlorohexane	0.05	0.0418	84	60 - 135	
2,2-Dichloropropane	0.05	0.0449	90	67 - 134	
2-Butanone	0.1	0.110	110	40 - 135	
2-Chlorotoluene	0.05	0.0518	104	69 - 128	
4-Chlorotoluene	0.05	0.0508	102	73 - 126	
4-Methyl-2-pentanone	0.1	0.0909	91	47 - 147	
Acetone	0.1	0.105	105	40 - 141	
Benzene	0.05	0.0484	97	73 - 126	
Bromobenzene	0.05	0.0494	99	66 - 121	
Bromochloromethane	0.05	0.0455	91	71 - 127	
Bromodichloromethane	0.05	0.0442	88	72 - 128	
Bromoform	0.05	0.0436	87	66 - 137	
Bromomethane	0.05	0.0476	95	45 - 141	
Carbon tetrachloride	0.05	0.0470	94	67 - 133	
Chlorobenzene	0.05	0.0436	87	75 - 123	
Chloroethane	0.05	0.0556	111	41 - 141	
Chloroform	0.05	0.0471	94	72 - 124	
Chloromethane	0.05	0.0537	107	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0472	94	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0444	89	72 - 126	
Dibromochloromethane	0.05	0.0410	82	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10157

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10157 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3535.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0467	93	73 - 128	
Dichlorodifluoromethane	0.05	0.0489	98	34 - 136	
Ethylbenzene	0.05	0.0456	91	74 - 127	
Hexachlorobutadiene	0.05	0.0437	87	53 - 142	
Isopropylbenzene	0.05	0.0539	108	77 - 129	
Methyl tert-butyl ether	0.05	0.0498	100	50 - 135	
Methylene chloride	0.05	0.0474	95	63 - 137	
n-Butylbenzene	0.05	0.0435	87	65 - 138	
n-Propylbenzene	0.05	0.0519	104	63 - 135	
Naphthalene	0.05	0.0808	162	51 - 135	*
o-Xylene	0.05	0.0449	90	77 - 125	
p-Isopropyltoluene	0.05	0.0467	93	75 - 133	
sec-Butylbenzene	0.05	0.0502	100	63 - 132	
Styrene	0.05	0.0426	85	74 - 128	
tert-Butylbenzene	0.05	0.0508	102	65 - 132	
Tetrachloroethene	0.05	0.0384	77	67 - 139	
Toluene	0.05	0.0419	84	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0459	92	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0436	87	65 - 127	
Trichloroethene	0.05	0.0433	87	77 - 124	
Trichlorofluoromethane	0.05	0.0480	96	49 - 139	
Vinyl chloride	0.05	0.0509	102	58 - 126	
Xylenes (total)	0.15	0.130	87	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	91	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	942575	685144 - 2740574	
Chlorobenzene-d5	1698625	1005325 - 4021300	
Fluorobenzene	4542187	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3549.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0942	94	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0422	84	74 - 125	
1,1,1-Trichloroethane	0.05	0.0486	97	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0484	97	59 - 140	
1,1,2-Trichloroethane	0.05	0.0440	88	62 - 127	
1,1-Dichloroethane	0.05	0.0500	100	73 - 125	
1,1-Dichloroethene	0.05	0.0478	96	65 - 136	
1,1-Dichloropropene	0.05	0.0488	98	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0610	122	62 - 133	
1,2,3-Trichloropropane	0.05	0.0463	93	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0572	114	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0531	106	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0602	120	49 - 135	
1,2-Dibromoethane	0.05	0.0402	80	70 - 124	
1,2-Dichlorobenzene	0.05	0.0498	100	74 - 120	
1,2-Dichloroethane	0.05	0.0461	92	72 - 137	
1,2-Dichloropropane	0.05	0.0480	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0534	107	65 - 133	
1,3-Dichlorobenzene	0.05	0.0486	97	72 - 124	
1,3-Dichloropropane	0.05	0.0445	89	76 - 123	
1,4-Dichlorobenzene	0.05	0.0468	94	72 - 125	
1-Chlorohexane	0.05	0.0490	98	60 - 135	
2,2-Dichloropropane	0.05	0.0495	99	67 - 134	
2-Butanone	0.1	0.0969	97	40 - 135	
2-Chlorotoluene	0.05	0.0538	108	69 - 128	
4-Chlorotoluene	0.05	0.0535	107	73 - 126	
4-Methyl-2-pentanone	0.1	0.0803	80	47 - 147	
Acetone	0.1	0.0942	94	40 - 141	
Benzene	0.05	0.0500	100	73 - 126	
Bromobenzene	0.05	0.0470	94	66 - 121	
Bromochloromethane	0.05	0.0431	86	71 - 127	
Bromodichloromethane	0.05	0.0438	88	72 - 128	
Bromoform	0.05	0.0416	83	66 - 137	
Bromomethane	0.05	0.0504	101	45 - 141	
Carbon tetrachloride	0.05	0.0520	104	67 - 133	
Chlorobenzene	0.05	0.0450	90	75 - 123	
Chloroethane	0.05	0.0657	131	41 - 141	
Chloroform	0.05	0.0480	96	72 - 124	
Chloromethane	0.05	0.0569	114	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0477	95	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0444	89	72 - 126	
Dibromochloromethane	0.05	0.0392	78	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3549.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0436	87	73 - 128	
Dichlorodifluoromethane	0.05	0.0562	112	34 - 136	
Ethylbenzene	0.05	0.0497	99	74 - 127	
Hexachlorobutadiene	0.05	0.0493	99	53 - 142	
Isopropylbenzene	0.05	0.0561	112	77 - 129	
Methyl tert-butyl ether	0.05	0.0462	92	50 - 135	
Methylene chloride	0.05	0.0469	94	63 - 137	
n-Butylbenzene	0.05	0.0520	104	65 - 138	
n-Propylbenzene	0.05	0.0564	113	63 - 135	
Naphthalene	0.05	0.0712	142	51 - 135	*
o-Xylene	0.05	0.0471	94	77 - 125	
p-Isopropyltoluene	0.05	0.0525	105	75 - 133	
sec-Butylbenzene	0.05	0.0556	111	63 - 132	
Styrene	0.05	0.0444	89	74 - 128	
tert-Butylbenzene	0.05	0.0536	107	65 - 132	
Tetrachloroethene	0.05	0.0414	83	67 - 139	
Toluene	0.05	0.0445	89	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0480	96	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0429	86	65 - 127	
Trichloroethene	0.05	0.0459	92	77 - 124	
Trichlorofluoromethane	0.05	0.0633	127	49 - 139	
Vinyl chloride	0.05	0.0561	112	58 - 126	
Xylenes (total)	0.15	0.141	94	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	91	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	100	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	984525	685144 - 2740574	
Chlorobenzene-d5	1679428	1005325 - 4021300	
Fluorobenzene	4468955	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3550.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0943	94	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0443	89	74 - 125	
1,1,1-Trichloroethane	0.05	0.0503	101	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0533	107	59 - 140	
1,1,2-Trichloroethane	0.05	0.0474	95	62 - 127	
1,1-Dichloroethane	0.05	0.0512	102	73 - 125	
1,1-Dichloroethene	0.05	0.0491	98	65 - 136	
1,1-Dichloropropene	0.05	0.0499	100	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0627	125	62 - 133	
1,2,3-Trichloropropane	0.05	0.0520	104	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0564	113	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0533	107	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0680	136	49 - 135	*
1,2-Dibromoethane	0.05	0.0434	87	70 - 124	
1,2-Dichlorobenzene	0.05	0.0505	101	74 - 120	
1,2-Dichloroethane	0.05	0.0485	97	72 - 137	
1,2-Dichloropropane	0.05	0.0490	98	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0540	108	65 - 133	
1,3-Dichlorobenzene	0.05	0.0485	97	72 - 124	
1,3-Dichloropropane	0.05	0.0475	95	76 - 123	
1,4-Dichlorobenzene	0.05	0.0468	94	72 - 125	
1-Chlorohexane	0.05	0.0486	97	60 - 135	
2,2-Dichloropropane	0.05	0.0497	99	67 - 134	
2-Butanone	0.1	0.112	112	40 - 135	
2-Chlorotoluene	0.05	0.0531	106	69 - 128	
4-Chlorotoluene	0.05	0.0533	107	73 - 126	
4-Methyl-2-pentanone	0.1	0.0904	90	47 - 147	
Acetone	0.1	0.109	109	40 - 141	
Benzene	0.05	0.0513	103	73 - 126	
Bromobenzene	0.05	0.0480	96	66 - 121	
Bromochloromethane	0.05	0.0446	89	71 - 127	
Bromodichloromethane	0.05	0.0453	91	72 - 128	
Bromoform	0.05	0.0453	91	66 - 137	
Bromomethane	0.05	0.0487	97	45 - 141	
Carbon tetrachloride	0.05	0.0529	106	67 - 133	
Chlorobenzene	0.05	0.0460	92	75 - 123	
Chloroethane	0.05	0.0624	125	41 - 141	
Chloroform	0.05	0.0489	98	72 - 124	
Chloromethane	0.05	0.0527	105	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0490	98	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0454	91	72 - 126	
Dibromochloromethane	0.05	0.0421	84	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10171 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3550.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0463	93	73 - 128	
Dichlorodifluoromethane	0.05	0.0544	109	34 - 136	
Ethylbenzene	0.05	0.0496	99	74 - 127	
Hexachlorobutadiene	0.05	0.0517	103	53 - 142	
Isopropylbenzene	0.05	0.0561	112	77 - 129	
Methyl tert-butyl ether	0.05	0.0499	100	50 - 135	
Methylene chloride	0.05	0.0459	92	63 - 137	
n-Butylbenzene	0.05	0.0508	102	65 - 138	
n-Propylbenzene	0.05	0.0560	112	63 - 135	
Naphthalene	0.05	0.0771	154	51 - 135	*
o-Xylene	0.05	0.0478	96	77 - 125	
p-Isopropyltoluene	0.05	0.0523	105	75 - 133	
sec-Butylbenzene	0.05	0.0556	111	63 - 132	
Styrene	0.05	0.0448	90	74 - 128	
tert-Butylbenzene	0.05	0.0549	110	65 - 132	
Tetrachloroethene	0.05	0.0425	85	67 - 139	
Toluene	0.05	0.0442	88	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0491	98	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0440	88	65 - 127	
Trichloroethene	0.05	0.0466	93	77 - 124	
Trichlorofluoromethane	0.05	0.0552	110	49 - 139	
Vinyl chloride	0.05	0.0574	115	58 - 126	
Xylenes (total)	0.15	0.142	95	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	990072	685144 - 2740574	
Chlorobenzene-d5	1664763	1005325 - 4021300	
Fluorobenzene	4502834	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10188 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3592.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0760	76	79 - 126	*
1,1,1,2-Tetrachloroethane	0.05	0.0356	71	74 - 125	*
1,1,1-Trichloroethane	0.05	0.0424	85	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0497	99	59 - 140	
1,1,2-Trichloroethane	0.05	0.0366	73	62 - 127	
1,1-Dichloroethane	0.05	0.0443	89	73 - 125	
1,1-Dichloroethene	0.05	0.0418	84	65 - 136	
1,1-Dichloropropene	0.05	0.0424	85	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0515	103	62 - 133	
1,2,3-Trichloropropane	0.05	0.0470	94	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0441	88	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0485	97	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0634	127	49 - 135	
1,2-Dibromoethane	0.05	0.0344	69	70 - 124	*
1,2-Dichlorobenzene	0.05	0.0425	85	74 - 120	
1,2-Dichloroethane	0.05	0.0398	80	72 - 137	
1,2-Dichloropropane	0.05	0.0416	83	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0498	100	65 - 133	
1,3-Dichlorobenzene	0.05	0.0413	83	72 - 124	
1,3-Dichloropropane	0.05	0.0391	78	76 - 123	
1,4-Dichlorobenzene	0.05	0.0397	79	72 - 125	
1-Chlorohexane	0.05	0.0402	80	60 - 135	
2,2-Dichloropropane	0.05	0.0415	83	67 - 134	
2-Butanone	0.1	0.102	102	40 - 135	
2-Chlorotoluene	0.05	0.0493	99	69 - 128	
4-Chlorotoluene	0.05	0.0473	95	73 - 126	
4-Methyl-2-pentanone	0.1	0.0816	82	47 - 147	
Acetone	0.1	0.0960	96	40 - 141	
Benzene	0.05	0.0430	86	73 - 126	
Bromobenzene	0.05	0.0406	81	66 - 121	
Bromochloromethane	0.05	0.0347	69	71 - 127	*
Bromodichloromethane	0.05	0.0374	75	72 - 128	
Bromoform	0.05	0.0336	67	66 - 137	
Bromomethane	0.05	0.0486	97	45 - 141	
Carbon tetrachloride	0.05	0.0436	87	67 - 133	
Chlorobenzene	0.05	0.0370	74	75 - 123	*
Chloroethane	0.05	0.0735	147	41 - 141	*
Chloroform	0.05	0.0413	83	72 - 124	
Chloromethane	0.05	0.0571	114	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0401	80	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0369	74	72 - 126	
Dibromochloromethane	0.05	0.0327	65	66 - 130	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10188 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3592.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0365	73	73 - 128	
Dichlorodifluoromethane	0.05	0.0566	113	34 - 136	
Ethylbenzene	0.05	0.0414	83	74 - 127	
Hexachlorobutadiene	0.05	0.0435	87	53 - 142	
Isopropylbenzene	0.05	0.0521	104	77 - 129	
Methyl tert-butyl ether	0.05	0.0377	75	50 - 135	
Methylene chloride	0.05	0.0394	79	63 - 137	
n-Butylbenzene	0.05	0.0461	92	65 - 138	
n-Propylbenzene	0.05	0.0525	105	63 - 135	
Naphthalene	0.05	0.0690	138	51 - 135	*
o-Xylene	0.05	0.0378	76	77 - 125	*
p-Isopropyltoluene	0.05	0.0466	93	75 - 133	
sec-Butylbenzene	0.05	0.0525	105	63 - 132	
Styrene	0.05	0.0358	72	74 - 128	*
tert-Butylbenzene	0.05	0.0497	99	65 - 132	
Tetrachloroethene	0.05	0.0335	67	67 - 139	
Toluene	0.05	0.0363	73	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0409	82	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0353	70	65 - 127	
Trichloroethene	0.05	0.0382	76	77 - 124	*
Trichlorofluoromethane	0.05	0.0637	127	49 - 139	
Vinyl chloride	0.05	0.0602	120	58 - 126	
Xylenes (total)	0.15	0.114	76	77 - 125	*

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	84	84 - 118	
Dibromofluoromethane	91	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	790895	685144 - 2740574	
Chlorobenzene-d5	1518231	1005325 - 4021300	
Fluorobenzene	4203951	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10188 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3593.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0807	81	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0393	79	74 - 125	
1,1,1-Trichloroethane	0.05	0.0449	90	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0581	116	59 - 140	
1,1,2-Trichloroethane	0.05	0.0428	86	62 - 127	
1,1-Dichloroethane	0.05	0.0485	97	73 - 125	
1,1-Dichloroethene	0.05	0.0434	87	65 - 136	
1,1-Dichloropropene	0.05	0.0448	90	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0543	109	62 - 133	
1,2,3-Trichloropropane	0.05	0.0548	110	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0449	90	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0495	99	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0709	142	49 - 135	*
1,2-Dibromoethane	0.05	0.0396	79	70 - 124	
1,2-Dichlorobenzene	0.05	0.0473	95	74 - 120	
1,2-Dichloroethane	0.05	0.0468	94	72 - 137	
1,2-Dichloropropane	0.05	0.0478	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0504	101	65 - 133	
1,3-Dichlorobenzene	0.05	0.0446	89	72 - 124	
1,3-Dichloropropane	0.05	0.0448	90	76 - 123	
1,4-Dichlorobenzene	0.05	0.0427	85	72 - 125	
1-Chlorohexane	0.05	0.0413	83	60 - 135	
2,2-Dichloropropane	0.05	0.0441	88	67 - 134	
2-Butanone	0.1	0.107	107	40 - 135	
2-Chlorotoluene	0.05	0.0529	106	69 - 128	
4-Chlorotoluene	0.05	0.0513	103	73 - 126	
4-Methyl-2-pentanone	0.1	0.0878	88	47 - 147	
Acetone	0.1	0.0986	99	40 - 141	
Benzene	0.05	0.0477	95	73 - 126	
Bromobenzene	0.05	0.0472	94	66 - 121	
Bromochloromethane	0.05	0.0404	81	71 - 127	
Bromodichloromethane	0.05	0.0417	83	72 - 128	
Bromoform	0.05	0.0381	76	66 - 137	
Bromomethane	0.05	0.0486	97	45 - 141	
Carbon tetrachloride	0.05	0.0442	88	67 - 133	
Chlorobenzene	0.05	0.0408	82	75 - 123	
Chloroethane	0.05	0.0726	145	41 - 141	*
Chloroform	0.05	0.0461	92	72 - 124	
Chloromethane	0.05	0.0546	109	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0445	89	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0414	83	72 - 126	
Dibromochloromethane	0.05	0.0372	74	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10188 **Initial Calibration ID:** 990

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3593.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0426	85	73 - 128	
Dichlorodifluoromethane	0.05	0.0533	107	34 - 136	
Ethylbenzene	0.05	0.0441	88	74 - 127	
Hexachlorobutadiene	0.05	0.0408	82	53 - 142	
Isopropylbenzene	0.05	0.0551	110	77 - 129	
Methyl tert-butyl ether	0.05	0.0458	92	50 - 135	
Methylene chloride	0.05	0.0441	88	63 - 137	
n-Butylbenzene	0.05	0.0444	89	65 - 138	
n-Propylbenzene	0.05	0.0536	107	63 - 135	
Naphthalene	0.05	0.0774	155	51 - 135	*
o-Xylene	0.05	0.0409	82	77 - 125	
p-Isopropyltoluene	0.05	0.0461	92	75 - 133	
sec-Butylbenzene	0.05	0.0523	105	63 - 132	
Styrene	0.05	0.0390	78	74 - 128	
tert-Butylbenzene	0.05	0.0513	103	65 - 132	
Tetrachloroethene	0.05	0.0341	68	67 - 139	
Toluene	0.05	0.0398	80	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0442	88	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0399	80	65 - 127	
Trichloroethene	0.05	0.0411	82	77 - 124	
Trichlorofluoromethane	0.05	0.0604	121	49 - 139	
Vinyl chloride	0.05	0.0578	116	58 - 126	
Xylenes (total)	0.15	0.122	81	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	86	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	796186	685144 - 2740574	
Chlorobenzene-d5	1552212	1005325 - 4021300	
Fluorobenzene	4225505	2897598 - 11590392	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10197 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1272.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.02	100	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.40	96	74 - 125	
1,1,1-Trichloroethane	2.5	2.48	99	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.47	99	59 - 140	
1,1,2-Trichloroethane	2.5	2.39	96	62 - 127	
1,1-Dichloroethane	2.5	2.62	105	73 - 125	
1,1-Dichloroethene	2.5	2.78	111	65 - 136	
1,1-Dichloropropene	2.5	2.55	102	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.49	100	62 - 133	
1,2,3-Trichloropropane	2.5	2.32	93	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.53	101	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.46	98	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.38	95	49 - 135	
1,2-Dibromoethane	2.5	2.46	98	70 - 124	
1,2-Dichlorobenzene	2.5	2.65	106	74 - 120	
1,2-Dichloroethane	2.5	2.39	96	72 - 137	
1,2-Dichloropropane	2.5	2.53	101	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.49	100	65 - 133	
1,3-Dichlorobenzene	2.5	2.58	103	72 - 124	
1,3-Dichloropropane	2.5	2.52	101	76 - 123	
1,4-Dichlorobenzene	2.5	2.50	100	72 - 125	
1-Chlorohexane	2.5	2.68	107	60 - 135	
2,2-Dichloropropane	2.5	2.42	97	67 - 134	
2-Butanone	5	4.71	94	40 - 135	
2-Chlorotoluene	2.5	2.83	113	69 - 128	
4-Chlorotoluene	2.5	2.21	88	73 - 126	
4-Methyl-2-pentanone	5	4.69	94	47 - 147	
Acetone	5	5.78	116	40 - 141	
Benzene	2.5	2.60	104	73 - 126	
Bromobenzene	2.5	2.43	97	66 - 121	
Bromochloromethane	2.5	2.45	98	71 - 127	
Bromodichloromethane	2.5	2.47	99	72 - 128	
Bromoform	2.5	2.44	98	66 - 137	
Bromomethane	2.5	2.11	84	45 - 141	
Carbon tetrachloride	2.5	2.48	99	67 - 133	
Chlorobenzene	2.5	2.49	100	75 - 123	
Chloroethane	2.5	2.80	112	41 - 141	
Chloroform	2.5	2.49	100	72 - 124	
Chloromethane	2.5	2.54	102	51 - 129	
cis-1,2-Dichloroethene	2.5	2.52	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.46	98	72 - 126	
Dibromochloromethane	2.5	2.38	95	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10197 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1272.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.50	100	73 - 128	
Dichlorodifluoromethane	2.5	2.30	92	34 - 136	
Ethylbenzene	2.5	2.47	99	74 - 127	
Hexachlorobutadiene	2.5	2.60	104	53 - 142	
Isopropylbenzene	2.5	2.58	103	77 - 129	
Methyl tert-butyl ether	2.5	2.48	99	50 - 135	
Methylene chloride	2.5	2.48	99	63 - 137	
n-Butylbenzene	2.5	2.58	103	65 - 138	
n-Propylbenzene	2.5	2.63	105	63 - 135	
Naphthalene	2.5	2.30	92	51 - 135	
o-Xylene	2.5	2.54	102	77 - 125	
p-Isopropyltoluene	2.5	2.58	103	75 - 133	
sec-Butylbenzene	2.5	2.65	106	63 - 132	
Styrene	2.5	2.54	101	74 - 128	
tert-Butylbenzene	2.5	2.55	102	65 - 132	
Tetrachloroethene	2.5	2.54	102	67 - 139	
Toluene	2.5	2.54	102	71 - 127	
trans-1,2-Dichloroethene	2.5	2.63	105	66 - 134	
trans-1,3-Dichloropropene	2.5	2.43	97	65 - 127	
Trichloroethene	2.5	2.57	103	77 - 124	
Trichlorofluoromethane	2.5	2.62	105	49 - 139	
Vinyl chloride	2.5	2.82	113	58 - 126	
Xylenes (total)	7.5	7.56	101	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	93	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2538812	1128046 - 4512186	
Chlorobenzene-d5	3034122	1392345 - 5569380	
Fluorobenzene	5318279	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10208 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1293.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.14	103	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.43	97	74 - 125	
1,1,1-Trichloroethane	2.5	2.46	98	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.49	100	59 - 140	
1,1,2-Trichloroethane	2.5	2.51	101	62 - 127	
1,1-Dichloroethane	2.5	2.60	104	73 - 125	
1,1-Dichloroethene	2.5	2.61	104	65 - 136	
1,1-Dichloropropene	2.5	2.55	102	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.51	101	62 - 133	
1,2,3-Trichloropropane	2.5	2.35	94	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.65	106	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.48	99	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.46	98	49 - 135	
1,2-Dibromoethane	2.5	2.44	98	70 - 124	
1,2-Dichlorobenzene	2.5	2.52	101	74 - 120	
1,2-Dichloroethane	2.5	2.39	96	72 - 137	
1,2-Dichloropropane	2.5	2.46	99	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.53	101	65 - 133	
1,3-Dichlorobenzene	2.5	2.56	103	72 - 124	
1,3-Dichloropropane	2.5	2.48	99	76 - 123	
1,4-Dichlorobenzene	2.5	2.54	102	72 - 125	
1-Chlorohexane	2.5	2.64	106	60 - 135	
2,2-Dichloropropane	2.5	2.19	88	67 - 134	
2-Butanone	5	4.79	96	40 - 135	
2-Chlorotoluene	2.5	2.55	102	69 - 128	
4-Chlorotoluene	2.5	2.52	101	73 - 126	
4-Methyl-2-pentanone	5	4.67	93	47 - 147	
Acetone	5	5.86	117	40 - 141	
Benzene	2.5	2.52	101	73 - 126	
Bromobenzene	2.5	2.47	99	66 - 121	
Bromochloromethane	2.5	2.50	100	71 - 127	
Bromodichloromethane	2.5	2.50	100	72 - 128	
Bromoform	2.5	2.39	96	66 - 137	
Bromomethane	2.5	2.42	97	45 - 141	
Carbon tetrachloride	2.5	2.51	100	67 - 133	
Chlorobenzene	2.5	2.47	99	75 - 123	
Chloroethane	2.5	2.74	110	41 - 141	
Chloroform	2.5	2.47	99	72 - 124	
Chloromethane	2.5	2.55	102	51 - 129	
cis-1,2-Dichloroethene	2.5	2.58	103	67 - 125	
cis-1,3-Dichloropropene	2.5	2.42	97	72 - 126	
Dibromochloromethane	2.5	2.40	96	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10208 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1293.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.37	95	73 - 128	
Dichlorodifluoromethane	2.5	2.96	118	34 - 136	
Ethylbenzene	2.5	2.54	102	74 - 127	
Hexachlorobutadiene	2.5	2.59	104	53 - 142	
Isopropylbenzene	2.5	2.64	106	77 - 129	
Methyl tert-butyl ether	2.5	2.58	103	50 - 135	
Methylene chloride	2.5	2.52	101	63 - 137	
n-Butylbenzene	2.5	2.56	102	65 - 138	
n-Propylbenzene	2.5	2.68	107	63 - 135	
Naphthalene	2.5	2.44	97	51 - 135	
o-Xylene	2.5	2.58	103	77 - 125	
p-Isopropyltoluene	2.5	2.58	103	75 - 133	
sec-Butylbenzene	2.5	2.58	103	63 - 132	
Styrene	2.5	2.61	104	74 - 128	
tert-Butylbenzene	2.5	2.59	104	65 - 132	
Tetrachloroethene	2.5	2.53	101	67 - 139	
Toluene	2.5	2.57	103	71 - 127	
trans-1,2-Dichloroethene	2.5	2.58	103	66 - 134	
trans-1,3-Dichloropropene	2.5	2.34	93	65 - 127	
Trichloroethene	2.5	2.58	103	77 - 124	
Trichlorofluoromethane	2.5	2.64	106	49 - 139	
Vinyl chloride	2.5	2.80	112	58 - 126	
Xylenes (total)	7.5	7.72	103	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	96	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2584852	1128046 - 4512186	
Chlorobenzene-d5	3124302	1392345 - 5569380	
Fluorobenzene	5441493	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10251 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1355.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.32	106	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.44	98	74 - 125	
1,1,1-Trichloroethane	2.5	2.55	102	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.84	114	59 - 140	
1,1,2-Trichloroethane	2.5	2.64	106	62 - 127	
1,1-Dichloroethane	2.5	2.74	109	73 - 125	
1,1-Dichloroethene	2.5	2.93	117	65 - 136	
1,1-Dichloropropene	2.5	2.78	111	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.67	107	62 - 133	
1,2,3-Trichloropropane	2.5	2.70	108	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.66	106	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.64	106	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.67	107	49 - 135	
1,2-Dibromoethane	2.5	2.54	102	70 - 124	
1,2-Dichlorobenzene	2.5	2.77	111	74 - 120	
1,2-Dichloroethane	2.5	2.55	102	72 - 137	
1,2-Dichloropropane	2.5	2.67	107	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.73	109	65 - 133	
1,3-Dichlorobenzene	2.5	2.74	110	72 - 124	
1,3-Dichloropropane	2.5	2.66	106	76 - 123	
1,4-Dichlorobenzene	2.5	2.72	109	72 - 125	
1-Chlorohexane	2.5	2.73	109	60 - 135	
2,2-Dichloropropane	2.5	2.48	99	67 - 134	
2-Butanone	5	4.85	97	40 - 135	
2-Chlorotoluene	2.5	2.88	115	69 - 128	
4-Chlorotoluene	2.5	2.84	114	73 - 126	
4-Methyl-2-pentanone	5	4.86	97	47 - 147	
Acetone	5	5.83	117	40 - 141	
Benzene	2.5	2.72	109	73 - 126	
Bromobenzene	2.5	2.65	106	66 - 121	
Bromochloromethane	2.5	2.61	104	71 - 127	
Bromodichloromethane	2.5	2.60	104	72 - 128	
Bromoform	2.5	2.38	95	66 - 137	
Bromomethane	2.5	2.39	95	45 - 141	
Carbon tetrachloride	2.5	2.56	102	67 - 133	
Chlorobenzene	2.5	2.60	104	75 - 123	
Chloroethane	2.5	2.36	94	41 - 141	
Chloroform	2.5	2.61	104	72 - 124	
Chloromethane	2.5	2.70	108	51 - 129	
cis-1,2-Dichloroethene	2.5	2.73	109	67 - 125	
cis-1,3-Dichloropropene	2.5	2.52	101	72 - 126	
Dibromochloromethane	2.5	2.45	98	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10251 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1355.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.59	104	73 - 128	
Dichlorodifluoromethane	2.5	3.14	126	34 - 136	
Ethylbenzene	2.5	2.67	107	74 - 127	
Hexachlorobutadiene	2.5	2.75	110	53 - 142	
Isopropylbenzene	2.5	2.81	112	77 - 129	
Methyl tert-butyl ether	2.5	2.59	104	50 - 135	
Methylene chloride	2.5	2.72	109	63 - 137	
n-Butylbenzene	2.5	2.79	112	65 - 138	
n-Propylbenzene	2.5	2.97	119	63 - 135	
Naphthalene	2.5	2.50	100	51 - 135	
o-Xylene	2.5	2.76	110	77 - 125	
p-Isopropyltoluene	2.5	2.73	109	75 - 133	
sec-Butylbenzene	2.5	2.84	114	63 - 132	
Styrene	2.5	2.64	106	74 - 128	
tert-Butylbenzene	2.5	2.73	109	65 - 132	
Tetrachloroethene	2.5	2.53	101	67 - 139	
Toluene	2.5	2.76	110	71 - 127	
trans-1,2-Dichloroethene	2.5	2.74	110	66 - 134	
trans-1,3-Dichloropropene	2.5	2.50	100	65 - 127	
Trichloroethene	2.5	2.66	106	77 - 124	
Trichlorofluoromethane	2.5	2.74	110	49 - 139	
Vinyl chloride	2.5	3.08	123	58 - 126	
Xylenes (total)	7.5	8.07	108	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2222944	1128046 - 4512186	
Chlorobenzene-d5	2767470	1392345 - 5569380	
Fluorobenzene	4745064	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10251 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1356.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.07	101	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.34	94	74 - 125	
1,1,1-Trichloroethane	2.5	2.55	102	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.74	110	59 - 140	
1,1,2-Trichloroethane	2.5	2.56	102	62 - 127	
1,1-Dichloroethane	2.5	2.65	106	73 - 125	
1,1-Dichloroethene	2.5	2.65	106	65 - 136	
1,1-Dichloropropene	2.5	2.71	108	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.66	106	62 - 133	
1,2,3-Trichloropropane	2.5	2.52	101	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.62	105	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.72	109	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.58	103	49 - 135	
1,2-Dibromoethane	2.5	2.37	95	70 - 124	
1,2-Dichlorobenzene	2.5	2.79	112	74 - 120	
1,2-Dichloroethane	2.5	2.49	100	72 - 137	
1,2-Dichloropropane	2.5	2.67	107	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.74	109	65 - 133	
1,3-Dichlorobenzene	2.5	2.75	110	72 - 124	
1,3-Dichloropropane	2.5	2.58	103	76 - 123	
1,4-Dichlorobenzene	2.5	2.72	109	72 - 125	
1-Chlorohexane	2.5	2.63	105	60 - 135	
2,2-Dichloropropane	2.5	2.32	93	67 - 134	
2-Butanone	5	4.92	98	40 - 135	
2-Chlorotoluene	2.5	2.88	115	69 - 128	
4-Chlorotoluene	2.5	2.84	114	73 - 126	
4-Methyl-2-pentanone	5	4.98	100	47 - 147	
Acetone	5	5.92	118	40 - 141	
Benzene	2.5	2.73	109	73 - 126	
Bromobenzene	2.5	2.62	105	66 - 121	
Bromochloromethane	2.5	2.41	96	71 - 127	
Bromodichloromethane	2.5	2.53	101	72 - 128	
Bromoform	2.5	2.28	91	66 - 137	
Bromomethane	2.5	2.55	102	45 - 141	
Carbon tetrachloride	2.5	2.50	100	67 - 133	
Chlorobenzene	2.5	2.56	102	75 - 123	
Chloroethane	2.5	2.98	119	41 - 141	
Chloroform	2.5	2.61	104	72 - 124	
Chloromethane	2.5	2.75	110	51 - 129	
cis-1,2-Dichloroethene	2.5	2.64	106	67 - 125	
cis-1,3-Dichloropropene	2.5	2.46	99	72 - 126	
Dibromochloromethane	2.5	2.34	94	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10251 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1356.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.45	98	73 - 128	
Dichlorodifluoromethane	2.5	3.04	122	34 - 136	
Ethylbenzene	2.5	2.64	106	74 - 127	
Hexachlorobutadiene	2.5	2.74	110	53 - 142	
Isopropylbenzene	2.5	2.83	113	77 - 129	
Methyl tert-butyl ether	2.5	2.55	102	50 - 135	
Methylene chloride	2.5	2.63	105	63 - 137	
n-Butylbenzene	2.5	2.80	112	65 - 138	
n-Propylbenzene	2.5	3.00	120	63 - 135	
Naphthalene	2.5	2.52	101	51 - 135	
o-Xylene	2.5	2.64	106	77 - 125	
p-Isopropyltoluene	2.5	2.82	113	75 - 133	
sec-Butylbenzene	2.5	2.84	114	63 - 132	
Styrene	2.5	2.54	102	74 - 128	
tert-Butylbenzene	2.5	2.77	111	65 - 132	
Tetrachloroethene	2.5	2.49	100	67 - 139	
Toluene	2.5	2.64	106	71 - 127	
trans-1,2-Dichloroethene	2.5	2.62	105	66 - 134	
trans-1,3-Dichloropropene	2.5	2.41	97	65 - 127	
Trichloroethene	2.5	2.61	104	77 - 124	
Trichlorofluoromethane	2.5	2.65	106	49 - 139	
Vinyl chloride	2.5	2.88	115	58 - 126	
Xylenes (total)	7.5	7.72	103	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2194028	1128046 - 4512186	
Chlorobenzene-d5	2851309	1392345 - 5569380	
Fluorobenzene	4862229	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10252 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1355.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.32	106	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.44	98	74 - 125	
1,1,1-Trichloroethane	2.5	2.55	102	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.84	114	59 - 140	
1,1,2-Trichloroethane	2.5	2.64	106	62 - 127	
1,1-Dichloroethane	2.5	2.74	109	73 - 125	
1,1-Dichloroethene	2.5	2.93	117	65 - 136	
1,1-Dichloropropene	2.5	2.78	111	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.67	107	62 - 133	
1,2,3-Trichloropropane	2.5	2.70	108	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.66	106	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.64	106	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.67	107	49 - 135	
1,2-Dibromoethane	2.5	2.54	102	70 - 124	
1,2-Dichlorobenzene	2.5	2.77	111	74 - 120	
1,2-Dichloroethane	2.5	2.55	102	72 - 137	
1,2-Dichloropropane	2.5	2.67	107	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.73	109	65 - 133	
1,3-Dichlorobenzene	2.5	2.74	110	72 - 124	
1,3-Dichloropropane	2.5	2.66	106	76 - 123	
1,4-Dichlorobenzene	2.5	2.72	109	72 - 125	
1-Chlorohexane	2.5	2.73	109	60 - 135	
2,2-Dichloropropane	2.5	2.48	99	67 - 134	
2-Butanone	5	4.85	97	40 - 135	
2-Chlorotoluene	2.5	2.88	115	69 - 128	
4-Chlorotoluene	2.5	2.84	114	73 - 126	
4-Methyl-2-pentanone	5	4.86	97	47 - 147	
Acetone	5	5.83	117	40 - 141	
Benzene	2.5	2.72	109	73 - 126	
Bromobenzene	2.5	2.65	106	66 - 121	
Bromochloromethane	2.5	2.61	104	71 - 127	
Bromodichloromethane	2.5	2.60	104	72 - 128	
Bromoform	2.5	2.38	95	66 - 137	
Bromomethane	2.5	2.39	95	45 - 141	
Carbon tetrachloride	2.5	2.56	102	67 - 133	
Chlorobenzene	2.5	2.60	104	75 - 123	
Chloroethane	2.5	2.36	94	41 - 141	
Chloroform	2.5	2.61	104	72 - 124	
Chloromethane	2.5	2.70	108	51 - 129	
cis-1,2-Dichloroethene	2.5	2.73	109	67 - 125	
cis-1,3-Dichloropropene	2.5	2.52	101	72 - 126	
Dibromochloromethane	2.5	2.45	98	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10252 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1355.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.59	104	73 - 128	
Dichlorodifluoromethane	2.5	3.14	126	34 - 136	
Ethylbenzene	2.5	2.67	107	74 - 127	
Hexachlorobutadiene	2.5	2.75	110	53 - 142	
Isopropylbenzene	2.5	2.81	112	77 - 129	
Methyl tert-butyl ether	2.5	2.59	104	50 - 135	
Methylene chloride	2.5	2.72	109	63 - 137	
n-Butylbenzene	2.5	2.79	112	65 - 138	
n-Propylbenzene	2.5	2.97	119	63 - 135	
Naphthalene	2.5	2.50	100	51 - 135	
o-Xylene	2.5	2.76	110	77 - 125	
p-Isopropyltoluene	2.5	2.73	109	75 - 133	
sec-Butylbenzene	2.5	2.84	114	63 - 132	
Styrene	2.5	2.64	106	74 - 128	
tert-Butylbenzene	2.5	2.73	109	65 - 132	
Tetrachloroethene	2.5	2.53	101	67 - 139	
Toluene	2.5	2.76	110	71 - 127	
trans-1,2-Dichloroethene	2.5	2.74	110	66 - 134	
trans-1,3-Dichloropropene	2.5	2.50	100	65 - 127	
Trichloroethene	2.5	2.66	106	77 - 124	
Trichlorofluoromethane	2.5	2.74	110	49 - 139	
Vinyl chloride	2.5	3.08	123	58 - 126	
Xylenes (total)	7.5	8.07	108	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	102	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2222944	1128046 - 4512186	
Chlorobenzene-d5	2767470	1392345 - 5569380	
Fluorobenzene	4745064	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10252 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1356.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.07	101	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.34	94	74 - 125	
1,1,1-Trichloroethane	2.5	2.55	102	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.74	110	59 - 140	
1,1,2-Trichloroethane	2.5	2.56	102	62 - 127	
1,1-Dichloroethane	2.5	2.65	106	73 - 125	
1,1-Dichloroethene	2.5	2.65	106	65 - 136	
1,1-Dichloropropene	2.5	2.71	108	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.66	106	62 - 133	
1,2,3-Trichloropropane	2.5	2.52	101	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.62	105	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.72	109	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.58	103	49 - 135	
1,2-Dibromoethane	2.5	2.37	95	70 - 124	
1,2-Dichlorobenzene	2.5	2.79	112	74 - 120	
1,2-Dichloroethane	2.5	2.49	100	72 - 137	
1,2-Dichloropropane	2.5	2.67	107	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.74	109	65 - 133	
1,3-Dichlorobenzene	2.5	2.75	110	72 - 124	
1,3-Dichloropropane	2.5	2.58	103	76 - 123	
1,4-Dichlorobenzene	2.5	2.72	109	72 - 125	
1-Chlorohexane	2.5	2.63	105	60 - 135	
2,2-Dichloropropane	2.5	2.32	93	67 - 134	
2-Butanone	5	4.92	98	40 - 135	
2-Chlorotoluene	2.5	2.88	115	69 - 128	
4-Chlorotoluene	2.5	2.84	114	73 - 126	
4-Methyl-2-pentanone	5	4.98	100	47 - 147	
Acetone	5	5.92	118	40 - 141	
Benzene	2.5	2.73	109	73 - 126	
Bromobenzene	2.5	2.62	105	66 - 121	
Bromochloromethane	2.5	2.41	96	71 - 127	
Bromodichloromethane	2.5	2.53	101	72 - 128	
Bromoform	2.5	2.28	91	66 - 137	
Bromomethane	2.5	2.55	102	45 - 141	
Carbon tetrachloride	2.5	2.50	100	67 - 133	
Chlorobenzene	2.5	2.56	102	75 - 123	
Chloroethane	2.5	2.98	119	41 - 141	
Chloroform	2.5	2.61	104	72 - 124	
Chloromethane	2.5	2.75	110	51 - 129	
cis-1,2-Dichloroethene	2.5	2.64	106	67 - 125	
cis-1,3-Dichloropropene	2.5	2.46	99	72 - 126	
Dibromochloromethane	2.5	2.34	94	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10252 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1356.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.45	98	73 - 128	
Dichlorodifluoromethane	2.5	3.04	122	34 - 136	
Ethylbenzene	2.5	2.64	106	74 - 127	
Hexachlorobutadiene	2.5	2.74	110	53 - 142	
Isopropylbenzene	2.5	2.83	113	77 - 129	
Methyl tert-butyl ether	2.5	2.55	102	50 - 135	
Methylene chloride	2.5	2.63	105	63 - 137	
n-Butylbenzene	2.5	2.80	112	65 - 138	
n-Propylbenzene	2.5	3.00	120	63 - 135	
Naphthalene	2.5	2.52	101	51 - 135	
o-Xylene	2.5	2.64	106	77 - 125	
p-Isopropyltoluene	2.5	2.82	113	75 - 133	
sec-Butylbenzene	2.5	2.84	114	63 - 132	
Styrene	2.5	2.54	102	74 - 128	
tert-Butylbenzene	2.5	2.77	111	65 - 132	
Tetrachloroethene	2.5	2.49	100	67 - 139	
Toluene	2.5	2.64	106	71 - 127	
trans-1,2-Dichloroethene	2.5	2.62	105	66 - 134	
trans-1,3-Dichloropropene	2.5	2.41	97	65 - 127	
Trichloroethene	2.5	2.61	104	77 - 124	
Trichlorofluoromethane	2.5	2.65	106	49 - 139	
Vinyl chloride	2.5	2.88	115	58 - 126	
Xylenes (total)	7.5	7.72	103	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2194028	1128046 - 4512186	
Chlorobenzene-d5	2851309	1392345 - 5569380	
Fluorobenzene	4862229	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10273 **Initial Calibration ID:** 996

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3621.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.106	106	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0534	107	74 - 125	
1,1,1-Trichloroethane	0.05	0.0518	104	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0499	100	59 - 140	
1,1,2-Trichloroethane	0.05	0.0493	99	62 - 127	
1,1-Dichloroethane	0.05	0.0496	99	73 - 125	
1,1-Dichloroethene	0.05	0.0520	104	65 - 136	
1,1-Dichloropropene	0.05	0.0501	100	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0565	113	62 - 133	
1,2,3-Trichloropropane	0.05	0.0504	101	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0532	106	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0531	106	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0428	86	49 - 135	
1,2-Dibromoethane	0.05	0.0530	106	70 - 124	
1,2-Dichlorobenzene	0.05	0.0523	105	74 - 120	
1,2-Dichloroethane	0.05	0.0491	98	72 - 137	
1,2-Dichloropropane	0.05	0.0494	99	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0529	106	65 - 133	
1,3-Dichlorobenzene	0.05	0.0513	103	72 - 124	
1,3-Dichloropropane	0.05	0.0518	104	76 - 123	
1,4-Dichlorobenzene	0.05	0.0486	97	72 - 125	
1-Chlorohexane	0.05	0.0478	96	60 - 135	
2,2-Dichloropropane	0.05	0.0506	101	67 - 134	
2-Butanone	0.1	0.0874	87	40 - 135	
2-Chlorotoluene	0.05	0.0518	104	69 - 128	
4-Chlorotoluene	0.05	0.0509	102	73 - 126	
4-Methyl-2-pentanone	0.1	0.0806	81	47 - 147	
Acetone	0.1	0.0858	86	40 - 141	
Benzene	0.05	0.0514	103	73 - 126	
Bromobenzene	0.05	0.0555	111	66 - 121	
Bromochloromethane	0.05	0.0551	110	71 - 127	
Bromodichloromethane	0.05	0.0497	99	72 - 128	
Bromoform	0.05	0.0492	98	66 - 137	
Bromomethane	0.05	0.0518	104	45 - 141	
Carbon tetrachloride	0.05	0.0492	98	67 - 133	
Chlorobenzene	0.05	0.0525	105	75 - 123	
Chloroethane	0.05	0.0401	80	41 - 141	
Chloroform	0.05	0.0502	100	72 - 124	
Chloromethane	0.05	0.0531	106	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0523	105	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0472	94	72 - 126	
Dibromochloromethane	0.05	0.0497	99	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10273 **Initial Calibration ID:** 996

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3621.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0514	103	73 - 128	
Dichlorodifluoromethane	0.05	0.0795	159	34 - 136	*
Ethylbenzene	0.05	0.0524	105	74 - 127	
Hexachlorobutadiene	0.05	0.0526	105	53 - 142	
Isopropylbenzene	0.05	0.0554	111	77 - 129	
Methyl tert-butyl ether	0.05	0.0528	106	50 - 135	
Methylene chloride	0.05	0.0534	107	63 - 137	
n-Butylbenzene	0.05	0.0491	98	65 - 138	
n-Propylbenzene	0.05	0.0531	106	63 - 135	
Naphthalene	0.05	0.0593	119	51 - 135	
o-Xylene	0.05	0.0553	111	77 - 125	
p-Isopropyltoluene	0.05	0.0492	98	75 - 133	
sec-Butylbenzene	0.05	0.0534	107	63 - 132	
Styrene	0.05	0.0501	100	74 - 128	
tert-Butylbenzene	0.05	0.0552	110	65 - 132	
Tetrachloroethene	0.05	0.0489	98	67 - 139	
Toluene	0.05	0.0495	99	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0512	102	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0458	92	65 - 127	
Trichloroethene	0.05	0.0483	97	77 - 124	
Trichlorofluoromethane	0.05	0.0394	79	49 - 139	
Vinyl chloride	0.05	0.0527	105	58 - 126	
Xylenes (total)	0.15	0.162	108	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	111	84 - 118	
Dibromofluoromethane	113	65 - 135	
Toluene-d8	116	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1135180	501074 - 2004296	
Chlorobenzene-d5	2110253	952958 - 3811830	
Fluorobenzene	5748522	2502442 - 10009770	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10273 **Initial Calibration ID:** 996

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3623.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.111	111	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0565	113	74 - 125	
1,1,1-Trichloroethane	0.05	0.0522	104	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0552	110	59 - 140	
1,1,2-Trichloroethane	0.05	0.0524	105	62 - 127	
1,1-Dichloroethane	0.05	0.0492	98	73 - 125	
1,1-Dichloroethene	0.05	0.0526	105	65 - 136	
1,1-Dichloropropene	0.05	0.0521	104	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0584	117	62 - 133	
1,2,3-Trichloropropane	0.05	0.0538	108	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0545	109	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0535	107	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0497	99	49 - 135	
1,2-Dibromoethane	0.05	0.0561	112	70 - 124	
1,2-Dichlorobenzene	0.05	0.0532	106	74 - 120	
1,2-Dichloroethane	0.05	0.0508	102	72 - 137	
1,2-Dichloropropane	0.05	0.0506	101	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0536	107	65 - 133	
1,3-Dichlorobenzene	0.05	0.0532	106	72 - 124	
1,3-Dichloropropane	0.05	0.0558	112	76 - 123	
1,4-Dichlorobenzene	0.05	0.0494	99	72 - 125	
1-Chlorohexane	0.05	0.0508	102	60 - 135	
2,2-Dichloropropane	0.05	0.0508	102	67 - 134	
2-Butanone	0.1	0.100	100	40 - 135	
2-Chlorotoluene	0.05	0.0525	105	69 - 128	
4-Chlorotoluene	0.05	0.0521	104	73 - 126	
4-Methyl-2-pentanone	0.1	0.0865	87	47 - 147	
Acetone	0.1	0.100	100	40 - 141	
Benzene	0.05	0.0522	104	73 - 126	
Bromobenzene	0.05	0.0569	114	66 - 121	
Bromochloromethane	0.05	0.0562	112	71 - 127	
Bromodichloromethane	0.05	0.0513	103	72 - 128	
Bromoform	0.05	0.0528	106	66 - 137	
Bromomethane	0.05	0.0494	99	45 - 141	
Carbon tetrachloride	0.05	0.0482	96	67 - 133	
Chlorobenzene	0.05	0.0560	112	75 - 123	
Chloroethane	0.05	0.0377	75	41 - 141	
Chloroform	0.05	0.0505	101	72 - 124	
Chloromethane	0.05	0.0474	95	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0536	107	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0490	98	72 - 126	
Dibromochloromethane	0.05	0.0522	104	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10273 **Initial Calibration ID:** 996

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J3623.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0541	108	73 - 128	
Dichlorodifluoromethane	0.05	0.0808	162	34 - 136	*
Ethylbenzene	0.05	0.0548	110	74 - 127	
Hexachlorobutadiene	0.05	0.0539	108	53 - 142	
Isopropylbenzene	0.05	0.0566	113	77 - 129	
Methyl tert-butyl ether	0.05	0.0560	112	50 - 135	
Methylene chloride	0.05	0.0502	100	63 - 137	
n-Butylbenzene	0.05	0.0493	99	65 - 138	
n-Propylbenzene	0.05	0.0545	109	63 - 135	
Naphthalene	0.05	0.0614	123	51 - 135	
o-Xylene	0.05	0.0572	114	77 - 125	
p-Isopropyltoluene	0.05	0.0506	101	75 - 133	
sec-Butylbenzene	0.05	0.0549	110	63 - 132	
Styrene	0.05	0.0510	102	74 - 128	
tert-Butylbenzene	0.05	0.0560	112	65 - 132	
Tetrachloroethene	0.05	0.0541	108	67 - 139	
Toluene	0.05	0.0508	102	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0528	106	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0482	96	65 - 127	
Trichloroethene	0.05	0.0506	101	77 - 124	
Trichlorofluoromethane	0.05	0.0382	76	49 - 139	
Vinyl chloride	0.05	0.0529	106	58 - 126	
Xylenes (total)	0.15	0.168	112	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	52 - 149	
4-Bromofluorobenzene	112	84 - 118	
Dibromofluoromethane	112	65 - 135	
Toluene-d8	115	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1169903	501074 - 2004296	
Chlorobenzene-d5	2142215	952958 - 3811830	
Fluorobenzene	5939005	2502442 - 10009770	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10274 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1414.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	4.56	91	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.07	83	74 - 125	
1,1,1-Trichloroethane	2.5	2.26	91	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.64	105	59 - 140	
1,1,2-Trichloroethane	2.5	2.42	97	62 - 127	
1,1-Dichloroethane	2.5	2.46	98	73 - 125	
1,1-Dichloroethene	2.5	2.50	100	65 - 136	
1,1-Dichloropropene	2.5	2.48	99	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.22	89	62 - 133	
1,2,3-Trichloropropane	2.5	2.35	94	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.23	89	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.37	95	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.32	93	49 - 135	
1,2-Dibromoethane	2.5	2.15	86	70 - 124	
1,2-Dichlorobenzene	2.5	2.38	95	74 - 120	
1,2-Dichloroethane	2.5	2.26	90	72 - 137	
1,2-Dichloropropane	2.5	2.36	94	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.38	95	65 - 133	
1,3-Dichlorobenzene	2.5	2.36	94	72 - 124	
1,3-Dichloropropane	2.5	2.29	92	76 - 123	
1,4-Dichlorobenzene	2.5	2.35	94	72 - 125	
1-Chlorohexane	2.5	2.39	96	60 - 135	
2,2-Dichloropropane	2.5	2.22	89	67 - 134	
2-Butanone	5	4.67	93	40 - 135	
2-Chlorotoluene	2.5	2.56	103	69 - 128	
4-Chlorotoluene	2.5	2.53	101	73 - 126	
4-Methyl-2-pentanone	5	4.63	93	47 - 147	
Acetone	5	5.95	119	40 - 141	
Benzene	2.5	2.39	96	73 - 126	
Bromobenzene	2.5	2.28	91	66 - 121	
Bromochloromethane	2.5	2.25	90	71 - 127	
Bromodichloromethane	2.5	2.35	94	72 - 128	
Bromoform	2.5	2.05	82	66 - 137	
Bromomethane	2.5	1.85	74	45 - 141	
Carbon tetrachloride	2.5	2.23	89	67 - 133	
Chlorobenzene	2.5	2.21	88	75 - 123	
Chloroethane	2.5	2.55	102	41 - 141	
Chloroform	2.5	2.37	95	72 - 124	
Chloromethane	2.5	2.44	98	51 - 129	
cis-1,2-Dichloroethene	2.5	2.34	94	67 - 125	
cis-1,3-Dichloropropene	2.5	2.27	91	72 - 126	
Dibromochloromethane	2.5	2.02	81	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10274 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1414.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.26	91	73 - 128	
Dichlorodifluoromethane	2.5	2.62	105	34 - 136	
Ethylbenzene	2.5	2.34	93	74 - 127	
Hexachlorobutadiene	2.5	2.36	94	53 - 142	
Isopropylbenzene	2.5	2.52	101	77 - 129	
Methyl tert-butyl ether	2.5	2.40	96	50 - 135	
Methylene chloride	2.5	2.44	97	63 - 137	
n-Butylbenzene	2.5	2.44	98	65 - 138	
n-Propylbenzene	2.5	2.65	106	63 - 135	
Naphthalene	2.5	2.20	88	51 - 135	
o-Xylene	2.5	2.32	93	77 - 125	
p-Isopropyltoluene	2.5	2.46	98	75 - 133	
sec-Butylbenzene	2.5	2.48	99	63 - 132	
Styrene	2.5	2.24	89	74 - 128	
tert-Butylbenzene	2.5	2.42	97	65 - 132	
Tetrachloroethene	2.5	2.17	87	67 - 139	
Toluene	2.5	2.41	97	71 - 127	
trans-1,2-Dichloroethene	2.5	2.31	92	66 - 134	
trans-1,3-Dichloropropene	2.5	2.25	90	65 - 127	
Trichloroethene	2.5	2.33	93	77 - 124	
Trichlorofluoromethane	2.5	2.34	94	49 - 139	
Vinyl chloride	2.5	2.66	106	58 - 126	
Xylenes (total)	7.5	6.88	92	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2636500	1128046 - 4512186	
Chlorobenzene-d5	3400725	1392345 - 5569380	
Fluorobenzene	5646046	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10274 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1415.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	4.49	90	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.14	85	74 - 125	
1,1,1-Trichloroethane	2.5	2.29	92	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.53	101	59 - 140	
1,1,2-Trichloroethane	2.5	2.26	90	62 - 127	
1,1-Dichloroethane	2.5	2.40	96	73 - 125	
1,1-Dichloroethene	2.5	2.36	94	65 - 136	
1,1-Dichloropropene	2.5	2.39	96	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.16	87	62 - 133	
1,2,3-Trichloropropane	2.5	2.16	86	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.30	92	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.40	96	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.29	92	49 - 135	
1,2-Dibromoethane	2.5	2.07	83	70 - 124	
1,2-Dichlorobenzene	2.5	2.41	97	74 - 120	
1,2-Dichloroethane	2.5	2.28	91	72 - 137	
1,2-Dichloropropane	2.5	2.37	95	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.46	98	65 - 133	
1,3-Dichlorobenzene	2.5	2.38	95	72 - 124	
1,3-Dichloropropane	2.5	2.28	91	76 - 123	
1,4-Dichlorobenzene	2.5	2.33	93	72 - 125	
1-Chlorohexane	2.5	2.31	92	60 - 135	
2,2-Dichloropropane	2.5	2.15	86	67 - 134	
2-Butanone	5	4.86	97	40 - 135	
2-Chlorotoluene	2.5	2.54	102	69 - 128	
4-Chlorotoluene	2.5	2.51	100	73 - 126	
4-Methyl-2-pentanone	5	4.55	91	47 - 147	
Acetone	5	5.54	111	40 - 141	
Benzene	2.5	2.42	97	73 - 126	
Bromobenzene	2.5	2.38	95	66 - 121	
Bromochloromethane	2.5	2.18	87	71 - 127	
Bromodichloromethane	2.5	2.25	90	72 - 128	
Bromoform	2.5	2.02	81	66 - 137	
Bromomethane	2.5	1.92	77	45 - 141	
Carbon tetrachloride	2.5	2.24	90	67 - 133	
Chlorobenzene	2.5	2.21	88	75 - 123	
Chloroethane	2.5	2.57	103	41 - 141	
Chloroform	2.5	2.26	90	72 - 124	
Chloromethane	2.5	2.43	97	51 - 129	
cis-1,2-Dichloroethene	2.5	2.29	92	67 - 125	
cis-1,3-Dichloropropene	2.5	2.24	90	72 - 126	
Dibromochloromethane	2.5	2.04	82	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10274 **Initial Calibration ID:** 992

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M1415.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.14	86	73 - 128	
Dichlorodifluoromethane	2.5	2.69	108	34 - 136	
Ethylbenzene	2.5	2.28	91	74 - 127	
Hexachlorobutadiene	2.5	2.33	93	53 - 142	
Isopropylbenzene	2.5	2.52	101	77 - 129	
Methyl tert-butyl ether	2.5	2.36	94	50 - 135	
Methylene chloride	2.5	2.41	96	63 - 137	
n-Butylbenzene	2.5	2.44	98	65 - 138	
n-Propylbenzene	2.5	2.66	106	63 - 135	
Naphthalene	2.5	2.16	86	51 - 135	
o-Xylene	2.5	2.30	92	77 - 125	
p-Isopropyltoluene	2.5	2.41	96	75 - 133	
sec-Butylbenzene	2.5	2.48	99	63 - 132	
Styrene	2.5	2.18	87	74 - 128	
tert-Butylbenzene	2.5	2.53	101	65 - 132	
Tetrachloroethene	2.5	2.15	86	67 - 139	
Toluene	2.5	2.39	96	71 - 127	
trans-1,2-Dichloroethene	2.5	2.24	90	66 - 134	
trans-1,3-Dichloropropene	2.5	2.17	87	65 - 127	
Trichloroethene	2.5	2.34	93	77 - 124	
Trichlorofluoromethane	2.5	2.31	92	49 - 139	
Vinyl chloride	2.5	2.68	107	58 - 126	
Xylenes (total)	7.5	6.78	90	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2526869	1128046 - 4512186	
Chlorobenzene-d5	3253812	1392345 - 5569380	
Fluorobenzene	5590164	2298515 - 9194060	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.30

Parent Field Sample ID: AOC9-SB16-1 (15.5') **MS ID:** 0706159-007AMS **MSD ID:** 0706159-007AMSD

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene	0.0865	0.115	0.154	58	0.121	30	24	79 - 126	30	*
1,1,1,2-Tetrachloroethane		0.0575	0.0527	91	0.0531	92	1	74 - 125	30	
1,1,1-Trichloroethane		0.0575	0.0591	102	0.0579	101	2	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0575	0.0654	113	0.0596	104	9	59 - 140	30	
1,1,2-Trichloroethane		0.0575	0.0876	151	0.0700	122	22	62 - 127	30	*
1,1-Dichloroethane		0.0575	0.0575	99	0.0553	96	4	73 - 125	30	
1,1-Dichloroethene		0.0575	0.0581	100	0.0562	98	3	65 - 136	30	
1,1-Dichloropropene		0.0575	0.0577	99	0.0553	96	4	70 - 135	30	
1,2,3-Trichlorobenzene		0.0575	0.0544	94	0.0575	100	6	62 - 133	30	
1,2,3-Trichloropropane		0.0575	0.0645	111	0.0589	102	9	63 - 130	30	
1,2,4-Trichlorobenzene		0.0575	0.0556	96	0.0579	101	4	65 - 131	30	
1,2,4-Trimethylbenzene	0.398	0.0575	0.360	0	0.242	0	39	65 - 135	30	*
1,2-Dibromo-3-chloropropane		0.0575	0.0798	137	0.0714	124	11	49 - 135	30	*
1,2-Dibromoethane		0.0575	0.0549	94	0.0532	92	3	70 - 124	30	
1,2-Dichlorobenzene	0.00348	0.0575	0.0589	95	0.0566	92	4	74 - 120	30	
1,2-Dichloroethane		0.0575	0.0570	98	0.0556	97	3	72 - 137	30	
1,2-Dichloropropane		0.0575	0.0573	99	0.0553	96	4	71 - 120	30	
1,3,5-Trimethylbenzene	0.228	0.0575	0.228	0	0.140	0	48	65 - 133	30	*
1,3-Dichlorobenzene	0.00701	0.0575	0.0637	97	0.0594	91	7	72 - 124	30	
1,3-Dichloropropane		0.0575	0.0561	97	0.0561	97	0	76 - 123	30	
1,4-Dichlorobenzene	0.0611	0.0575	0.117	96	0.0981	64	17	72 - 125	30	*
1-Chlorohexane		0.0575	0.0595	102	0.0581	101	2	60 - 135	30	
2,2-Dichloropropane		0.0575	0.0566	97	0.0554	96	2	67 - 134	30	
2-Butanone	0.0103	0.115	0.126	100	0.113	90	11	40 - 135	30	
2-Chlorotoluene		0.0575	0.0775	133	0.0644	112	18	69 - 128	30	*
4-Chlorotoluene	0.00189	0.0575	0.0606	101	0.0567	95	7	73 - 126	30	
4-Methyl-2-pentanone		0.115	0.111	95	0.0981	85	12	47 - 147	30	
Acetone	0.0268	0.115	0.128	87	0.115	76	11	40 - 141	30	
Benzene		0.0575	0.0584	101	0.0568	99	3	73 - 126	30	
Bromobenzene		0.0575	0.0566	97	0.0549	96	3	66 - 121	30	
Bromochloromethane		0.0575	0.0573	99	0.0572	99	0	71 - 127	30	
Bromodichloromethane		0.0575	0.0520	89	0.0515	89	1	72 - 128	30	
Bromoform		0.0575	0.0558	96	0.0559	97	0	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.30

Parent Field Sample ID: AOC9-SB16-1 (15.5') **MS ID:** 0706159-007AMS **MSD ID:** 0706159-007AMSD

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0575	0.0594	102	0.0518	90	14	45 - 141	30	
Carbon tetrachloride		0.0575	0.0591	102	0.0585	102	1	67 - 133	30	
Chlorobenzene	0.355	0.0575	0.281	0	0.177	0	45	75 - 123	30	*
Chloroethane		0.0575	0.0568	98	0.0482	84	16	41 - 141	30	
Chloroform		0.0575	0.0567	98	0.0554	96	2	72 - 124	30	
Chloromethane		0.0575	0.0591	102	0.0501	87	16	51 - 129	30	
cis-1,2-Dichloroethene		0.0575	0.0579	100	0.0568	99	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0575	0.0532	92	0.0521	91	2	72 - 126	30	
Dibromochloromethane		0.0575	0.0501	86	0.0506	88	1	66 - 130	30	
Dibromomethane		0.0575	0.0571	98	0.0550	96	4	73 - 128	30	
Dichlorodifluoromethane		0.0575	0.0712	122	0.0578	101	21	34 - 136	30	
Ethylbenzene	0.0174	0.0575	0.0684	88	0.0598	74	13	74 - 127	30	
Hexachlorobutadiene		0.0575	0.0528	91	0.0574	100	8	53 - 142	30	
Isopropylbenzene	0.0235	0.0575	0.0815	100	0.0706	82	14	77 - 129	30	
Methyl tert-butyl ether		0.0575	0.0612	105	0.0598	104	2	50 - 135	30	
Methylene chloride	0.00291	0.0575	0.0558	91	0.0554	91	1	63 - 137	30	
n-Butylbenzene	0.0107	0.0575	0.0736	108	0.0660	96	11	65 - 138	30	
n-Propylbenzene	0.0170	0.0575	0.0781	105	0.0688	90	13	63 - 135	30	
Naphthalene	0.140	0.0575	0.175	59	0.119	0	38	51 - 135	30	*
o-Xylene	0.0506	0.0575	0.0835	57	0.0644	24	26	77 - 125	30	*
p-Isopropyltoluene	0.0211	0.0575	0.0864	112	0.0754	94	14	75 - 133	30	
sec-Butylbenzene	0.0125	0.0575	0.0769	111	0.0689	98	11	63 - 132	30	
Styrene		0.0575	0.0540	93	0.0528	92	2	74 - 128	30	
tert-Butylbenzene	0.00736	0.0575	0.0716	111	0.0665	103	7	65 - 132	30	
Tetrachloroethene		0.0575	0.0548	94	0.0561	98	2	67 - 139	30	
Toluene	0.00186	0.0575	0.0534	89	0.0517	87	3	71 - 127	30	
trans-1,2-Dichloroethene		0.0575	0.0579	100	0.0569	99	2	66 - 134	30	
trans-1,3-Dichloropropene		0.0575	0.0516	89	0.0505	88	2	65 - 127	30	
Trichloroethene		0.0575	0.0550	95	0.0535	93	3	77 - 124	30	
Trichlorofluoromethane		0.0575	0.0508	87	0.0392	68	26	49 - 139	30	
Vinyl chloride		0.0575	0.0634	109	0.0530	92	18	58 - 126	30	
Xylenes (total)	0.137	0.173	0.238	58	0.186	28	25	77 - 125	30	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10157

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.20

Parent Field Sample ID: AOC9-SB23-2 (15.5') **MS ID:** 0706165-008AMS **MSD ID:** 0706165-008AMSD

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene	0.00128	0.110	0.105	94	0.110	98	5	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0552	0.0486	88	0.0505	92	4	74 - 125	30	
1,1,1-Trichloroethane		0.0552	0.0519	94	0.0572	104	10	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0552	0.0597	108	0.0636	115	6	59 - 140	30	
1,1,2-Trichloroethane		0.0552	0.0473	86	0.0532	96	12	62 - 127	30	
1,1-Dichloroethane		0.0552	0.0537	97	0.0585	106	9	73 - 125	30	
1,1-Dichloroethene		0.0552	0.0539	98	0.0572	104	6	65 - 136	30	
1,1-Dichloropropene		0.0552	0.0526	95	0.0577	104	9	70 - 135	30	
1,2,3-Trichlorobenzene		0.0552	0.0623	113	0.0672	122	7	62 - 133	30	
1,2,3-Trichloropropane		0.0552	0.0567	103	0.0601	109	6	63 - 130	30	
1,2,4-Trichlorobenzene	0.00065	0.0552	0.0598	107	0.0638	114	6	65 - 131	30	
1,2,4-Trimethylbenzene	0.00228	0.0552	0.0604	105	0.0657	115	8	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0552	0.0744	135	0.0788	143	6	49 - 135	30	*
1,2-Dibromoethane		0.0552	0.0431	78	0.0472	85	9	70 - 124	30	
1,2-Dichlorobenzene	0.00071	0.0552	0.0557	100	0.0579	104	4	74 - 120	30	
1,2-Dichloroethane		0.0552	0.0491	89	0.0545	99	10	72 - 137	30	
1,2-Dichloropropane		0.0552	0.0515	93	0.0569	103	10	71 - 120	30	
1,3,5-Trimethylbenzene	0.00099	0.0552	0.0594	106	0.0642	114	8	65 - 133	30	
1,3-Dichlorobenzene		0.0552	0.0534	97	0.0552	100	3	72 - 124	30	
1,3-Dichloropropane		0.0552	0.0524	95	0.0547	99	4	76 - 123	30	
1,4-Dichlorobenzene	0.00555	0.0552	0.0574	94	0.0595	98	4	72 - 125	30	
1-Chlorohexane		0.0552	0.0545	99	0.0571	103	5	60 - 135	30	
2,2-Dichloropropane		0.0552	0.0536	97	0.0588	107	9	67 - 134	30	
2-Butanone		0.110	0.112	102	0.118	106	5	40 - 135	30	
2-Chlorotoluene		0.0552	0.0592	107	0.0623	113	5	69 - 128	30	
4-Chlorotoluene		0.0552	0.0589	107	0.0611	111	4	73 - 126	30	
4-Methyl-2-pentanone		0.110	0.0907	82	0.0935	85	3	47 - 147	30	
Acetone	0.00338	0.110	0.109	96	0.111	97	2	40 - 141	30	
Benzene		0.0552	0.0555	100	0.0592	107	6	73 - 126	30	
Bromobenzene		0.0552	0.0537	97	0.0562	102	4	66 - 121	30	
Bromochloromethane		0.0552	0.0508	92	0.0507	92	0	71 - 127	30	
Bromodichloromethane		0.0552	0.0474	86	0.0506	92	7	72 - 128	30	
Bromoform		0.0552	0.0478	87	0.0490	89	2	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10157

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.20

Parent Field Sample ID: AOC9-SB23-2 (15.5') **MS ID:** 0706165-008AMS **MSD ID:** 0706165-008AMSD

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0552	0.0547	99	0.0543	98	1	45 - 141	30	
Carbon tetrachloride		0.0552	0.0545	99	0.0576	104	6	67 - 133	30	
Chlorobenzene	0.0186	0.0552	0.0668	87	0.0710	95	6	75 - 123	30	
Chloroethane		0.0552	0.0647	117	0.0625	113	3	41 - 141	30	
Chloroform		0.0552	0.0521	94	0.0565	102	8	72 - 124	30	
Chloromethane		0.0552	0.0541	98	0.0549	99	1	51 - 129	30	
cis-1,2-Dichloroethene	0.00118	0.0552	0.0555	98	0.0584	104	5	67 - 125	30	
cis-1,3-Dichloropropene		0.0552	0.0464	84	0.0509	92	9	72 - 126	30	
Dibromochloromethane		0.0552	0.0460	83	0.0471	85	2	66 - 130	30	
Dibromomethane		0.0552	0.0490	89	0.0516	93	5	73 - 128	30	
Dichlorodifluoromethane		0.0552	0.0664	120	0.0646	117	3	34 - 136	30	
Ethylbenzene		0.0552	0.0541	98	0.0570	103	5	74 - 127	30	
Hexachlorobutadiene		0.0552	0.0535	97	0.0564	102	5	53 - 142	30	
Isopropylbenzene		0.0552	0.0626	113	0.0668	121	7	77 - 129	30	
Methyl tert-butyl ether		0.0552	0.0517	94	0.0558	101	8	50 - 135	30	
Methylene chloride	0.00229	0.0552	0.0518	90	0.0546	95	5	63 - 137	30	
n-Butylbenzene		0.0552	0.0550	100	0.0588	106	7	65 - 138	30	
n-Propylbenzene		0.0552	0.0622	113	0.0663	120	6	63 - 135	30	
Naphthalene	0.00292	0.0552	0.0813	142	0.0869	152	7	51 - 135	30	*
o-Xylene	0.00075	0.0552	0.0531	95	0.0557	100	5	77 - 125	30	
p-Isopropyltoluene		0.0552	0.0563	102	0.0610	110	8	75 - 133	30	
sec-Butylbenzene	0.00148	0.0552	0.0613	108	0.0660	117	7	63 - 132	30	
Styrene		0.0552	0.0481	87	0.0495	90	3	74 - 128	30	
tert-Butylbenzene		0.0552	0.0583	105	0.0633	115	8	65 - 132	30	
Tetrachloroethene		0.0552	0.0501	91	0.0515	93	3	67 - 139	30	
Toluene		0.0552	0.0454	82	0.0509	92	11	71 - 127	30	
trans-1,2-Dichloroethene		0.0552	0.0536	97	0.0573	104	7	66 - 134	30	
trans-1,3-Dichloropropene		0.0552	0.0445	81	0.0488	88	9	65 - 127	30	
Trichloroethene		0.0552	0.0509	92	0.0538	98	6	77 - 124	30	
Trichlorofluoromethane		0.0552	0.0597	108	0.0541	98	10	49 - 139	30	
Vinyl chloride		0.0552	0.0617	112	0.0619	112	0	58 - 126	30	
Xylenes (total)	0.00204	0.166	0.158	94	0.165	99	5	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10171 **MS ID:** LCS-10171 **MSD ID:** LCSD-10171

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.0942	94	0.0943	94	0	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0422	84	0.0443	89	5	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0486	97	0.0503	101	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0484	97	0.0533	107	10	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0440	88	0.0474	95	7	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0500	100	0.0512	102	2	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0478	96	0.0491	98	3	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0488	98	0.0499	100	2	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0610	122	0.0627	125	3	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0463	93	0.0520	104	12	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0572	114	0.0564	113	1	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0531	106	0.0533	107	0	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0602	120	0.0680	136	12	49 - 135	30	*
1,2-Dibromoethane		0.0500	0.0402	80	0.0434	87	8	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0498	100	0.0505	101	1	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0461	92	0.0485	97	5	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0480	96	0.0490	98	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0534	107	0.0540	108	1	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0486	97	0.0485	97	0	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0445	89	0.0475	95	7	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0468	94	0.0468	94	0	72 - 125	30	
1-Chlorohexane		0.0500	0.0490	98	0.0486	97	1	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0495	99	0.0497	99	1	67 - 134	30	
2-Butanone		0.100	0.0969	97	0.112	112	14	40 - 135	30	
2-Chlorotoluene		0.0500	0.0538	108	0.0531	106	1	69 - 128	30	
4-Chlorotoluene		0.0500	0.0535	107	0.0533	107	0	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0803	80	0.0904	90	12	47 - 147	30	
Acetone		0.100	0.0942	94	0.109	109	15	40 - 141	30	
Benzene		0.0500	0.0500	100	0.0513	103	3	73 - 126	30	
Bromobenzene		0.0500	0.0470	94	0.0480	96	2	66 - 121	30	
Bromochloromethane		0.0500	0.0431	86	0.0446	89	3	71 - 127	30	
Bromodichloromethane		0.0500	0.0438	88	0.0453	91	3	72 - 128	30	
Bromoform		0.0500	0.0416	83	0.0453	91	9	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10171 **MS ID:** LCS-10171 **MSD ID:** LCSD-10171

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0504	101	0.0487	97	3	45 - 141	30	
Carbon tetrachloride		0.0500	0.0520	104	0.0529	106	2	67 - 133	30	
Chlorobenzene		0.0500	0.0450	90	0.0460	92	2	75 - 123	30	
Chloroethane		0.0500	0.0657	131	0.0624	125	5	41 - 141	30	
Chloroform		0.0500	0.0480	96	0.0489	98	2	72 - 124	30	
Chloromethane		0.0500	0.0569	114	0.0527	105	8	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0477	95	0.0490	98	3	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0444	89	0.0454	91	2	72 - 126	30	
Dibromochloromethane		0.0500	0.0392	78	0.0421	84	7	66 - 130	30	
Dibromomethane		0.0500	0.0436	87	0.0463	93	6	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0562	112	0.0544	109	3	34 - 136	30	
Ethylbenzene		0.0500	0.0497	99	0.0496	99	0	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0493	99	0.0517	103	5	53 - 142	30	
Isopropylbenzene		0.0500	0.0561	112	0.0561	112	0	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0462	92	0.0499	100	8	50 - 135	30	
Methylene chloride		0.0500	0.0469	94	0.0459	92	2	63 - 137	30	
n-Butylbenzene		0.0500	0.0520	104	0.0508	102	2	65 - 138	30	
n-Propylbenzene		0.0500	0.0564	113	0.0560	112	1	63 - 135	30	
Naphthalene		0.0500	0.0712	142	0.0771	154	8	51 - 135	30	*
o-Xylene		0.0500	0.0471	94	0.0478	96	1	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0525	105	0.0523	105	0	75 - 133	30	
sec-Butylbenzene		0.0500	0.0556	111	0.0556	111	0	63 - 132	30	
Styrene		0.0500	0.0444	89	0.0448	90	1	74 - 128	30	
tert-Butylbenzene		0.0500	0.0536	107	0.0549	110	2	65 - 132	30	
Tetrachloroethene		0.0500	0.0414	83	0.0425	85	3	67 - 139	30	
Toluene		0.0500	0.0445	89	0.0442	88	1	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0480	96	0.0491	98	2	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0429	86	0.0440	88	2	65 - 127	30	
Trichloroethene		0.0500	0.0459	92	0.0466	93	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0633	127	0.0552	110	14	49 - 139	30	
Vinyl chloride		0.0500	0.0561	112	0.0574	115	2	58 - 126	30	
Xylenes (total)		0.150	0.141	94	0.142	95	1	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10188 **MS ID:** LCS-10188 **MSD ID:** LCSD-10188

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.0760	76	0.0807	81	6	79 - 126	30	*
1,1,1,2-Tetrachloroethane		0.0500	0.0356	71	0.0393	79	10	74 - 125	30	*
1,1,1-Trichloroethane		0.0500	0.0424	85	0.0449	90	6	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0497	99	0.0581	116	16	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0366	73	0.0428	86	16	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0443	89	0.0485	97	9	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0418	84	0.0434	87	4	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0424	85	0.0448	90	6	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0515	103	0.0543	109	5	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0470	94	0.0548	110	15	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0441	88	0.0449	90	2	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0485	97	0.0495	99	2	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0634	127	0.0709	142	11	49 - 135	30	*
1,2-Dibromoethane		0.0500	0.0344	69	0.0396	79	14	70 - 124	30	*
1,2-Dichlorobenzene		0.0500	0.0425	85	0.0473	95	11	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0398	80	0.0468	94	16	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0416	83	0.0478	96	14	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0498	100	0.0504	101	1	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0413	83	0.0446	89	8	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0391	78	0.0448	90	14	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0397	79	0.0427	85	7	72 - 125	30	
1-Chlorohexane		0.0500	0.0402	80	0.0413	83	3	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0415	83	0.0441	88	6	67 - 134	30	
2-Butanone		0.100	0.102	102	0.107	107	4	40 - 135	30	
2-Chlorotoluene		0.0500	0.0493	99	0.0529	106	7	69 - 128	30	
4-Chlorotoluene		0.0500	0.0473	95	0.0513	103	8	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0816	82	0.0878	88	7	47 - 147	30	
Acetone		0.100	0.0960	96	0.0986	99	3	40 - 141	30	
Benzene		0.0500	0.0430	86	0.0477	95	10	73 - 126	30	
Bromobenzene		0.0500	0.0406	81	0.0472	94	15	66 - 121	30	
Bromochloromethane		0.0500	0.0347	69	0.0404	81	15	71 - 127	30	*
Bromodichloromethane		0.0500	0.0374	75	0.0417	83	11	72 - 128	30	
Bromoform		0.0500	0.0336	67	0.0381	76	13	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10188 **MS ID:** LCS-10188 **MSD ID:** LCSD-10188

Calibration ID: 990

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0486	97	0.0486	97	0	45 - 141	30	
Carbon tetrachloride		0.0500	0.0436	87	0.0442	88	1	67 - 133	30	
Chlorobenzene		0.0500	0.0370	74	0.0408	82	10	75 - 123	30	*
Chloroethane		0.0500	0.0735	147	0.0726	145	1	41 - 141	30	*
Chloroform		0.0500	0.0413	83	0.0461	92	11	72 - 124	30	
Chloromethane		0.0500	0.0571	114	0.0546	109	4	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0401	80	0.0445	89	10	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0369	74	0.0414	83	11	72 - 126	30	
Dibromochloromethane		0.0500	0.0327	65	0.0372	74	13	66 - 130	30	*
Dibromomethane		0.0500	0.0365	73	0.0426	85	15	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0566	113	0.0533	107	6	34 - 136	30	
Ethylbenzene		0.0500	0.0414	83	0.0441	88	6	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0435	87	0.0408	82	6	53 - 142	30	
Isopropylbenzene		0.0500	0.0521	104	0.0551	110	6	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0377	75	0.0458	92	19	50 - 135	30	
Methylene chloride		0.0500	0.0394	79	0.0441	88	11	63 - 137	30	
n-Butylbenzene		0.0500	0.0461	92	0.0444	89	4	65 - 138	30	
n-Propylbenzene		0.0500	0.0525	105	0.0536	107	2	63 - 135	30	
Naphthalene		0.0500	0.0690	138	0.0774	155	12	51 - 135	30	*
o-Xylene		0.0500	0.0378	76	0.0409	82	8	77 - 125	30	*
p-Isopropyltoluene		0.0500	0.0466	93	0.0461	92	1	75 - 133	30	
sec-Butylbenzene		0.0500	0.0525	105	0.0523	105	0	63 - 132	30	
Styrene		0.0500	0.0358	72	0.0390	78	8	74 - 128	30	*
tert-Butylbenzene		0.0500	0.0497	99	0.0513	103	3	65 - 132	30	
Tetrachloroethene		0.0500	0.0335	67	0.0341	68	2	67 - 139	30	
Toluene		0.0500	0.0363	73	0.0398	80	9	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0409	82	0.0442	88	8	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0353	70	0.0399	80	12	65 - 127	30	
Trichloroethene		0.0500	0.0382	76	0.0411	82	7	77 - 124	30	*
Trichlorofluoromethane		0.0500	0.0637	127	0.0604	121	5	49 - 139	30	
Vinyl chloride		0.0500	0.0602	120	0.0578	116	4	58 - 126	30	
Xylenes (total)		0.150	0.114	76	0.122	81	7	77 - 125	30	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10251 **MS ID:** LCS-10251 **MSD ID:** LCSD-10251

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.32	106	5.07	101	5	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.44	98	2.34	94	4	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.55	102	2.55	102	0	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.84	114	2.74	110	3	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.64	106	2.56	102	3	62 - 127	30	
1,1-Dichloroethane		2.50	2.74	109	2.65	106	3	73 - 125	30	
1,1-Dichloroethene		2.50	2.93	117	2.65	106	10	65 - 136	30	
1,1-Dichloropropene		2.50	2.78	111	2.71	108	2	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.67	107	2.66	106	0	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.70	108	2.52	101	7	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.66	106	2.62	105	2	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.64	106	2.72	109	3	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.67	107	2.58	103	4	49 - 135	30	
1,2-Dibromoethane		2.50	2.54	102	2.37	95	7	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.77	111	2.79	112	1	74 - 120	30	
1,2-Dichloroethane		2.50	2.55	102	2.49	100	2	72 - 137	30	
1,2-Dichloropropane		2.50	2.67	107	2.67	107	0	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.73	109	2.74	109	0	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.74	110	2.75	110	0	72 - 124	30	
1,3-Dichloropropane		2.50	2.66	106	2.58	103	3	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.72	109	2.72	109	0	72 - 125	30	
1-Chlorohexane		2.50	2.73	109	2.63	105	4	60 - 135	30	
2,2-Dichloropropane		2.50	2.48	99	2.32	93	7	67 - 134	30	
2-Butanone		5.00	4.85	97	4.92	98	1	40 - 135	30	
2-Chlorotoluene		2.50	2.88	115	2.88	115	0	69 - 128	30	
4-Chlorotoluene		2.50	2.84	114	2.84	114	0	73 - 126	30	
4-Methyl-2-pentanone		5.00	4.86	97	4.98	100	2	47 - 147	30	
Acetone		5.00	5.83	117	5.92	118	1	40 - 141	30	
Benzene		2.50	2.72	109	2.73	109	0	73 - 126	30	
Bromobenzene		2.50	2.65	106	2.62	105	1	66 - 121	30	
Bromochloromethane		2.50	2.61	104	2.41	96	8	71 - 127	30	
Bromodichloromethane		2.50	2.60	104	2.53	101	3	72 - 128	30	
Bromoform		2.50	2.38	95	2.28	91	4	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10251 **MS ID:** LCS-10251 **MSD ID:** LCSD-10251

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.39	95	2.55	102	7	45 - 141	30	
Carbon tetrachloride		2.50	2.56	102	2.50	100	2	67 - 133	30	
Chlorobenzene		2.50	2.60	104	2.56	102	2	75 - 123	30	
Chloroethane		2.50	2.36	94	2.98	119	23	41 - 141	30	
Chloroform		2.50	2.61	104	2.61	104	0	72 - 124	30	
Chloromethane		2.50	2.70	108	2.75	110	2	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.73	109	2.64	106	3	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.52	101	2.46	99	2	72 - 126	30	
Dibromochloromethane		2.50	2.45	98	2.34	94	5	66 - 130	30	
Dibromomethane		2.50	2.59	104	2.45	98	6	73 - 128	30	
Dichlorodifluoromethane		2.50	3.14	126	3.04	122	3	34 - 136	30	
Ethylbenzene		2.50	2.67	107	2.64	106	1	74 - 127	30	
Hexachlorobutadiene		2.50	2.75	110	2.74	110	0	53 - 142	30	
Isopropylbenzene		2.50	2.81	112	2.83	113	1	77 - 129	30	
Methyl tert-butyl ether		2.50	2.59	104	2.55	102	2	50 - 135	30	
Methylene chloride		2.50	2.72	109	2.63	105	3	63 - 137	30	
n-Butylbenzene		2.50	2.79	112	2.80	112	1	65 - 138	30	
n-Propylbenzene		2.50	2.97	119	3.00	120	1	63 - 135	30	
Naphthalene		2.50	2.50	100	2.52	101	1	51 - 135	30	
o-Xylene		2.50	2.76	110	2.64	106	4	77 - 125	30	
p-Isopropyltoluene		2.50	2.73	109	2.82	113	3	75 - 133	30	
sec-Butylbenzene		2.50	2.84	114	2.84	114	0	63 - 132	30	
Styrene		2.50	2.64	106	2.54	102	4	74 - 128	30	
tert-Butylbenzene		2.50	2.73	109	2.77	111	1	65 - 132	30	
Tetrachloroethene		2.50	2.53	101	2.49	100	2	67 - 139	30	
Toluene		2.50	2.76	110	2.64	106	4	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.74	110	2.62	105	5	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.50	100	2.41	97	4	65 - 127	30	
Trichloroethene		2.50	2.66	106	2.61	104	2	77 - 124	30	
Trichlorofluoromethane		2.50	2.74	110	2.65	106	3	49 - 139	30	
Vinyl chloride		2.50	3.08	123	2.88	115	6	58 - 126	30	
Xylenes (total)		7.50	8.07	108	7.72	103	5	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10252 **MS ID:** LCS-10252 **MSD ID:** LCSD-10252

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.32	106	5.07	101	5	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.44	98	2.34	94	4	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.55	102	2.55	102	0	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.84	114	2.74	110	3	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.64	106	2.56	102	3	62 - 127	30	
1,1-Dichloroethane		2.50	2.74	109	2.65	106	3	73 - 125	30	
1,1-Dichloroethene		2.50	2.93	117	2.65	106	10	65 - 136	30	
1,1-Dichloropropene		2.50	2.78	111	2.71	108	2	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.67	107	2.66	106	0	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.70	108	2.52	101	7	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.66	106	2.62	105	2	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.64	106	2.72	109	3	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.67	107	2.58	103	4	49 - 135	30	
1,2-Dibromoethane		2.50	2.54	102	2.37	95	7	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.77	111	2.79	112	1	74 - 120	30	
1,2-Dichloroethane		2.50	2.55	102	2.49	100	2	72 - 137	30	
1,2-Dichloropropane		2.50	2.67	107	2.67	107	0	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.73	109	2.74	109	0	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.74	110	2.75	110	0	72 - 124	30	
1,3-Dichloropropane		2.50	2.66	106	2.58	103	3	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.72	109	2.72	109	0	72 - 125	30	
1-Chlorohexane		2.50	2.73	109	2.63	105	4	60 - 135	30	
2,2-Dichloropropane		2.50	2.48	99	2.32	93	7	67 - 134	30	
2-Butanone		5.00	4.85	97	4.92	98	1	40 - 135	30	
2-Chlorotoluene		2.50	2.88	115	2.88	115	0	69 - 128	30	
4-Chlorotoluene		2.50	2.84	114	2.84	114	0	73 - 126	30	
4-Methyl-2-pentanone		5.00	4.86	97	4.98	100	2	47 - 147	30	
Acetone		5.00	5.83	117	5.92	118	1	40 - 141	30	
Benzene		2.50	2.72	109	2.73	109	0	73 - 126	30	
Bromobenzene		2.50	2.65	106	2.62	105	1	66 - 121	30	
Bromochloromethane		2.50	2.61	104	2.41	96	8	71 - 127	30	
Bromodichloromethane		2.50	2.60	104	2.53	101	3	72 - 128	30	
Bromoform		2.50	2.38	95	2.28	91	4	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10252 **MS ID:** LCS-10252 **MSD ID:** LCSD-10252

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.39	95	2.55	102	7	45 - 141	30	
Carbon tetrachloride		2.50	2.56	102	2.50	100	2	67 - 133	30	
Chlorobenzene		2.50	2.60	104	2.56	102	2	75 - 123	30	
Chloroethane		2.50	2.36	94	2.98	119	23	41 - 141	30	
Chloroform		2.50	2.61	104	2.61	104	0	72 - 124	30	
Chloromethane		2.50	2.70	108	2.75	110	2	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.73	109	2.64	106	3	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.52	101	2.46	99	2	72 - 126	30	
Dibromochloromethane		2.50	2.45	98	2.34	94	5	66 - 130	30	
Dibromomethane		2.50	2.59	104	2.45	98	6	73 - 128	30	
Dichlorodifluoromethane		2.50	3.14	126	3.04	122	3	34 - 136	30	
Ethylbenzene		2.50	2.67	107	2.64	106	1	74 - 127	30	
Hexachlorobutadiene		2.50	2.75	110	2.74	110	0	53 - 142	30	
Isopropylbenzene		2.50	2.81	112	2.83	113	1	77 - 129	30	
Methyl tert-butyl ether		2.50	2.59	104	2.55	102	2	50 - 135	30	
Methylene chloride		2.50	2.72	109	2.63	105	3	63 - 137	30	
n-Butylbenzene		2.50	2.79	112	2.80	112	1	65 - 138	30	
n-Propylbenzene		2.50	2.97	119	3.00	120	1	63 - 135	30	
Naphthalene		2.50	2.50	100	2.52	101	1	51 - 135	30	
o-Xylene		2.50	2.76	110	2.64	106	4	77 - 125	30	
p-Isopropyltoluene		2.50	2.73	109	2.82	113	3	75 - 133	30	
sec-Butylbenzene		2.50	2.84	114	2.84	114	0	63 - 132	30	
Styrene		2.50	2.64	106	2.54	102	4	74 - 128	30	
tert-Butylbenzene		2.50	2.73	109	2.77	111	1	65 - 132	30	
Tetrachloroethene		2.50	2.53	101	2.49	100	2	67 - 139	30	
Toluene		2.50	2.76	110	2.64	106	4	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.74	110	2.62	105	5	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.50	100	2.41	97	4	65 - 127	30	
Trichloroethene		2.50	2.66	106	2.61	104	2	77 - 124	30	
Trichlorofluoromethane		2.50	2.74	110	2.65	106	3	49 - 139	30	
Vinyl chloride		2.50	3.08	123	2.88	115	6	58 - 126	30	
Xylenes (total)		7.50	8.07	108	7.72	103	5	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10273 **MS ID:** LCS-10273 **MSD ID:** LCSD-10273

Calibration ID: 996

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.106	106	0.111	111	4	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0534	107	0.0565	113	6	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0518	104	0.0522	104	1	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0499	100	0.0552	110	10	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0493	99	0.0524	105	6	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0496	99	0.0492	98	1	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0520	104	0.0526	105	1	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0501	100	0.0521	104	4	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0565	113	0.0584	117	3	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0504	101	0.0538	108	7	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0532	106	0.0545	109	2	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0531	106	0.0535	107	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0428	86	0.0497	99	15	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0530	106	0.0561	112	6	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0523	105	0.0532	106	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0491	98	0.0508	102	3	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0494	99	0.0506	101	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0529	106	0.0536	107	1	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0513	103	0.0532	106	4	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0518	104	0.0558	112	8	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0486	97	0.0494	99	2	72 - 125	30	
1-Chlorohexane		0.0500	0.0478	96	0.0508	102	6	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0506	101	0.0508	102	0	67 - 134	30	
2-Butanone		0.100	0.0874	87	0.100	100	14	40 - 135	30	
2-Chlorotoluene		0.0500	0.0518	104	0.0525	105	1	69 - 128	30	
4-Chlorotoluene		0.0500	0.0509	102	0.0521	104	2	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0806	81	0.0865	87	7	47 - 147	30	
Acetone		0.100	0.0858	86	0.100	100	15	40 - 141	30	
Benzene		0.0500	0.0514	103	0.0522	104	2	73 - 126	30	
Bromobenzene		0.0500	0.0555	111	0.0569	114	2	66 - 121	30	
Bromochloromethane		0.0500	0.0551	110	0.0562	112	2	71 - 127	30	
Bromodichloromethane		0.0500	0.0497	99	0.0513	103	3	72 - 128	30	
Bromoform		0.0500	0.0492	98	0.0528	106	7	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10273 **MS ID:** LCS-10273 **MSD ID:** LCSD-10273

Calibration ID: 996

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0518	104	0.0494	99	5	45 - 141	30	
Carbon tetrachloride		0.0500	0.0492	98	0.0482	96	2	67 - 133	30	
Chlorobenzene		0.0500	0.0525	105	0.0560	112	6	75 - 123	30	
Chloroethane		0.0500	0.0401	80	0.0377	75	6	41 - 141	30	
Chloroform		0.0500	0.0502	100	0.0505	101	1	72 - 124	30	
Chloromethane		0.0500	0.0531	106	0.0474	95	11	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0523	105	0.0536	107	3	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0472	94	0.0490	98	4	72 - 126	30	
Dibromochloromethane		0.0500	0.0497	99	0.0522	104	5	66 - 130	30	
Dibromomethane		0.0500	0.0514	103	0.0541	108	5	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0795	159	0.0808	162	2	34 - 136	30	*
Ethylbenzene		0.0500	0.0524	105	0.0548	110	4	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0526	105	0.0539	108	3	53 - 142	30	
Isopropylbenzene		0.0500	0.0554	111	0.0566	113	2	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0528	106	0.0560	112	6	50 - 135	30	
Methylene chloride		0.0500	0.0534	107	0.0502	100	6	63 - 137	30	
n-Butylbenzene		0.0500	0.0491	98	0.0493	99	1	65 - 138	30	
n-Propylbenzene		0.0500	0.0531	106	0.0545	109	3	63 - 135	30	
Naphthalene		0.0500	0.0593	119	0.0614	123	4	51 - 135	30	
o-Xylene		0.0500	0.0553	111	0.0572	114	3	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0492	98	0.0506	101	3	75 - 133	30	
sec-Butylbenzene		0.0500	0.0534	107	0.0549	110	3	63 - 132	30	
Styrene		0.0500	0.0501	100	0.0510	102	2	74 - 128	30	
tert-Butylbenzene		0.0500	0.0552	110	0.0560	112	1	65 - 132	30	
Tetrachloroethene		0.0500	0.0489	98	0.0541	108	10	67 - 139	30	
Toluene		0.0500	0.0495	99	0.0508	102	3	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0512	102	0.0528	106	3	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0458	92	0.0482	96	5	65 - 127	30	
Trichloroethene		0.0500	0.0483	97	0.0506	101	5	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0394	79	0.0382	76	3	49 - 139	30	
Vinyl chloride		0.0500	0.0527	105	0.0529	106	0	58 - 126	30	
Xylenes (total)		0.150	0.162	108	0.168	112	4	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10274 **MS ID:** LCS-10274 **MSD ID:** LCSD-10274

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	4.56	91	4.49	90	2	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.07	83	2.14	85	3	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.26	91	2.29	92	1	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.64	105	2.53	101	4	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.42	97	2.26	90	7	62 - 127	30	
1,1-Dichloroethane		2.50	2.46	98	2.40	96	3	73 - 125	30	
1,1-Dichloroethene		2.50	2.50	100	2.36	94	6	65 - 136	30	
1,1-Dichloropropene		2.50	2.48	99	2.39	96	4	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.22	89	2.16	87	2	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.35	94	2.16	86	8	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.23	89	2.30	92	3	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.37	95	2.40	96	2	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.32	93	2.29	92	2	49 - 135	30	
1,2-Dibromoethane		2.50	2.15	86	2.07	83	4	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.38	95	2.41	97	1	74 - 120	30	
1,2-Dichloroethane		2.50	2.26	90	2.28	91	1	72 - 137	30	
1,2-Dichloropropane		2.50	2.36	94	2.37	95	1	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.38	95	2.46	98	3	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.36	94	2.38	95	1	72 - 124	30	
1,3-Dichloropropane		2.50	2.29	92	2.28	91	0	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.35	94	2.33	93	1	72 - 125	30	
1-Chlorohexane		2.50	2.39	96	2.31	92	3	60 - 135	30	
2,2-Dichloropropane		2.50	2.22	89	2.15	86	3	67 - 134	30	
2-Butanone		5.00	4.67	93	4.86	97	4	40 - 135	30	
2-Chlorotoluene		2.50	2.56	103	2.54	102	1	69 - 128	30	
4-Chlorotoluene		2.50	2.53	101	2.51	100	1	73 - 126	30	
4-Methyl-2-pentanone		5.00	4.63	93	4.55	91	2	47 - 147	30	
Acetone		5.00	5.95	119	5.54	111	7	40 - 141	30	
Benzene		2.50	2.39	96	2.42	97	1	73 - 126	30	
Bromobenzene		2.50	2.28	91	2.38	95	4	66 - 121	30	
Bromochloromethane		2.50	2.25	90	2.18	87	3	71 - 127	30	
Bromodichloromethane		2.50	2.35	94	2.25	90	4	72 - 128	30	
Bromoform		2.50	2.05	82	2.02	81	1	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-10274 **MS ID:** LCS-10274 **MSD ID:** LCSD-10274

Calibration ID: 992

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	1.85	74	1.92	77	4	45 - 141	30	
Carbon tetrachloride		2.50	2.23	89	2.24	90	0	67 - 133	30	
Chlorobenzene		2.50	2.21	88	2.21	88	0	75 - 123	30	
Chloroethane		2.50	2.55	102	2.57	103	1	41 - 141	30	
Chloroform		2.50	2.37	95	2.26	90	5	72 - 124	30	
Chloromethane		2.50	2.44	98	2.43	97	0	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.34	94	2.29	92	2	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.27	91	2.24	90	1	72 - 126	30	
Dibromochloromethane		2.50	2.02	81	2.04	82	1	66 - 130	30	
Dibromomethane		2.50	2.26	91	2.14	86	6	73 - 128	30	
Dichlorodifluoromethane		2.50	2.62	105	2.69	108	2	34 - 136	30	
Ethylbenzene		2.50	2.34	93	2.28	91	2	74 - 127	30	
Hexachlorobutadiene		2.50	2.36	94	2.33	93	1	53 - 142	30	
Isopropylbenzene		2.50	2.52	101	2.52	101	0	77 - 129	30	
Methyl tert-butyl ether		2.50	2.40	96	2.36	94	1	50 - 135	30	
Methylene chloride		2.50	2.44	97	2.41	96	1	63 - 137	30	
n-Butylbenzene		2.50	2.44	98	2.44	98	0	65 - 138	30	
n-Propylbenzene		2.50	2.65	106	2.66	106	0	63 - 135	30	
Naphthalene		2.50	2.20	88	2.16	86	2	51 - 135	30	
o-Xylene		2.50	2.32	93	2.30	92	1	77 - 125	30	
p-Isopropyltoluene		2.50	2.46	98	2.41	96	2	75 - 133	30	
sec-Butylbenzene		2.50	2.48	99	2.48	99	0	63 - 132	30	
Styrene		2.50	2.24	89	2.18	87	3	74 - 128	30	
tert-Butylbenzene		2.50	2.42	97	2.53	101	4	65 - 132	30	
Tetrachloroethene		2.50	2.17	87	2.15	86	1	67 - 139	30	
Toluene		2.50	2.41	97	2.39	96	1	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.31	92	2.24	90	3	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.25	90	2.17	87	4	65 - 127	30	
Trichloroethene		2.50	2.33	93	2.34	93	0	77 - 124	30	
Trichlorofluoromethane		2.50	2.34	94	2.31	92	1	49 - 139	30	
Vinyl chloride		2.50	2.66	106	2.68	107	1	58 - 126	30	
Xylenes (total)		7.50	6.88	92	6.78	90	1	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 5724

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB13-1 (16.5')	0706159-001B	25-Jun-07	26-Jun-07	26-Jun-07	14	1.1	03-Jul-07	14	7	
AOC9-SB13-1 (16.5') DL	0706159-001BDL	25-Jun-07	26-Jun-07	26-Jun-07	14	1.1	05-Jul-07	14	9	
AOC9-SB14-1 (16.5')	0706159-003B	25-Jun-07	26-Jun-07	26-Jun-07	14	1	03-Jul-07	14	7	
AOC9-SB14-1 (16.5') DL	0706159-003BDL	25-Jun-07	26-Jun-07	26-Jun-07	14	1	05-Jul-07	14	9	
AOC9-SB15-1 (18.5')	0706159-005B	25-Jun-07	26-Jun-07	26-Jun-07	14	0.9	05-Jul-07	14	9.1	
AOC9-SB15-1 (18.5') DL	0706159-005BDL	25-Jun-07	26-Jun-07	26-Jun-07	14	0.9	09-Jul-07	14	13.1	
AOC9-SB17-1 (11.5')	0706159-009B	26-Jun-07	26-Jun-07	26-Jun-07	14	0.3	04-Jul-07	14	7.4	
AOC9-SB17-1 (11.5') DL	0706159-009BDL	26-Jun-07	26-Jun-07	26-Jun-07	14	0.3	05-Jul-07	14	9.1	
AOC9-SB18-1 (8.5')	0706159-011B	26-Jun-07	26-Jun-07	26-Jun-07	14	0.2	04-Jul-07	14	7.4	
AOC9-SB18-1 (8.5') DL	0706159-011BDL	26-Jun-07	26-Jun-07	26-Jun-07	14	0.2	05-Jul-07	14	9.1	
AOC9-SB18-1/D (8.5')	0706159-012B	26-Jun-07	26-Jun-07	26-Jun-07	14	0.2	04-Jul-07	14	7.4	
AOC9-SB18-1/D (8.5') DL	0706159-012BDL	26-Jun-07	26-Jun-07	26-Jun-07	14	0.2	05-Jul-07	14	9.1	
AOC9-SB19-1 (10.5')	0706159-014B	26-Jun-07	26-Jun-07	26-Jun-07	14	0.2	04-Jul-07	14	7.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 5749

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB21-1 (11.5')	0706165-003B	26-Jun-07	27-Jun-07	05-Jul-07	14	9.3	05-Jul-07	14	0	
AOC9-SB21-1 (11.5') DL	0706165-003BDL	26-Jun-07	27-Jun-07	05-Jul-07	14	9.3	09-Jul-07	14	3.8	
AOC9-SB22-1 (12.5')	0706165-005B	26-Jun-07	27-Jun-07	05-Jul-07	14	9.3	05-Jul-07	14	0	
AOC9-SB22-1 (12.5') DL	0706165-005BDL	26-Jun-07	27-Jun-07	05-Jul-07	14	9.3	09-Jul-07	14	3.8	
AOC9-SB23-1 (13.5')	0706165-007B	27-Jun-07	27-Jun-07	05-Jul-07	14	8.6	05-Jul-07	14	0	
AOC9-SB23-1 (13.5') DL	0706165-007BDL	27-Jun-07	27-Jun-07	05-Jul-07	14	8.6	09-Jul-07	14	3.9	
AOC9-SB24-1 (12.5')	0706165-009B	27-Jun-07	27-Jun-07	05-Jul-07	14	8.5	05-Jul-07	14	0	
AOC9-SB24-1/D (12.5')	0706165-010B	27-Jun-07	27-Jun-07	05-Jul-07	14	8.5	05-Jul-07	14	0	
AOC9-SB24-1/D (12.5') DL	0706165-010BDL	27-Jun-07	27-Jun-07	05-Jul-07	14	8.5	09-Jul-07	14	3.9	
AOC9-SB25-1 (11.5')	0706165-012B	27-Jun-07	27-Jun-07	05-Jul-07	14	8.5	09-Jul-07	14	3.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10091

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal	Q
AOC9-SB13-2 (21.5')	0706159-002A	25-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1.9	
AOC9-SB13-2 (21.5') DL	0706159-002ADL	25-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1.8	
AOC9-SB14-2 (22.5')	0706159-004A	25-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1.9	
AOC9-SB15-2 (22.5')	0706159-006A	25-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1.6	
AOC9-SB16-1 (15.5')	0706159-007A	26-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1.3	
AOC9-SB16-1 (15.5')	0706159-007AMS	26-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1.4	
AOC9-SB16-1 (15.5')	0706159-007AMSD	26-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1.4	
AOC9-SB17-2 (12.0')	0706159-010A	26-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1	
AOC9-SB18-2 (12.5')	0706159-013A	26-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1	
AOC9-SB19-2 (11.5')	0706159-015A	26-Jun-07	26-Jun-07	27-Jun-07			27-Jun-07	14	1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10157

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB20-2 (12.5')	0706165-002A	26-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	6.1	
AOC9-SB21-2 (15.5')	0706165-004A	26-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	6.1	
AOC9-SB22-2 (15.5')	0706165-006A	26-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	6	
AOC9-SB23-2 (15.5')	0706165-008A	27-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	5.3	
AOC9-SB23-2 (15.5')	0706165-008AMS	27-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	5.1	
AOC9-SB23-2 (15.5')	0706165-008AMSD	27-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	5.1	
AOC9-SB24-2 (15.5')	0706165-011A	27-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	5.2	
AOC9-SB25-2 (16.5')	0706165-013A	27-Jun-07	27-Jun-07	02-Jul-07			02-Jul-07	14	5.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10171

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB16-2 (20.5')	0706159-008A	26-Jun-07	26-Jun-07	03-Jul-07			03-Jul-07	14	7.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10188

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB15-2 (22.5') DL	0706159-006ADL	25-Jun-07	26-Jun-07	05-Jul-07			05-Jul-07	14	10.1	
AOC9-SB16-1 (15.5') DL	0706159-007ADL	26-Jun-07	26-Jun-07	05-Jul-07			05-Jul-07	14	9.5	
AOC9-SB16-2 (20.5') RA	0706159-008ARA	26-Jun-07	26-Jun-07	05-Jul-07			05-Jul-07	14	9.3	
AOC9-SB20-2 (12.5') RA	0706165-002ARA	26-Jun-07	27-Jun-07	05-Jul-07			05-Jul-07	14	9.2	
AOC9-SB21-2 (15.5') RA	0706165-004ARA	26-Jun-07	27-Jun-07	05-Jul-07			05-Jul-07	14	9.2	
AOC9-SB23-2 (15.5') RA	0706165-008ARA	27-Jun-07	27-Jun-07	05-Jul-07			05-Jul-07	14	8.3	
AOC9-SB24-2 (15.5') RA	0706165-011ARA	27-Jun-07	27-Jun-07	05-Jul-07			05-Jul-07	14	8.3	
AOC9-SB25-2 (16.5') RA	0706165-013ARA	27-Jun-07	27-Jun-07	05-Jul-07			05-Jul-07	14	8.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10273

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB20-1 (11.5')	0706165-001A	26-Jun-07	27-Jun-07	10-Jul-07			10-Jul-07	14	14	
AOC9-SB20-1 (11.5') RA	0706165-001ARA	26-Jun-07	27-Jun-07	10-Jul-07			10-Jul-07	14	14.1	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062507A3	TB062507A3	25-Jun-07	6:46	25-Jun-07	7:31
ICAL 2.0PPB	ICAL 2.0PPB	25-Jun-07	7:31	25-Jun-07	8:08
ICAL 5.0PPB	ICAL 5.0PPB	25-Jun-07	8:08	25-Jun-07	8:44
ICAL 20PPB	ICAL 20PPB	25-Jun-07	8:44	25-Jun-07	9:20
ICAL 50PPB	ICAL 50PPB	25-Jun-07	9:20	25-Jun-07	9:54
ICAL 100PPB	ICAL 100PPB	25-Jun-07	9:54	25-Jun-07	10:28
ICAL 150PPB	ICAL 150PPB	25-Jun-07	10:28	25-Jun-07	11:02
ICAL 200PPB	ICAL 200PPB	25-Jun-07	11:02	26-Jun-07	15:16
ICV-10069	ICV-10069	26-Jun-07	15:16	26-Jun-07	15:16
TB062707A3	TB062707A3	27-Jun-07	5:59	27-Jun-07	6:27
CCV-10091	CCV-10091	27-Jun-07	6:27	27-Jun-07	7:39
MB-10091	MB-10091	27-Jun-07	7:39	27-Jun-07	8:13
AOC9-SB15-2 (22.5')	0706159-006A	27-Jun-07	8:13	27-Jun-07	9:31
AOC9-SB17-2 (12.0')	0706159-010A	27-Jun-07	9:31	27-Jun-07	10:10
AOC9-SB18-2 (12.5')	0706159-013A	27-Jun-07	10:10	27-Jun-07	10:44
AOC9-SB19-2 (11.5')	0706159-015A	27-Jun-07	10:44	27-Jun-07	11:18
AOC9-SB13-2 (21.5') DL	0706159-002ADL	27-Jun-07	11:18	27-Jun-07	12:40
AOC9-SB13-2 (21.5')	0706159-002A	27-Jun-07	12:40	27-Jun-07	13:27
AOC9-SB14-2 (22.5')	0706159-004A	27-Jun-07	13:27	27-Jun-07	16:17
AOC9-SB16-1 (15.5')	0706159-007A	27-Jun-07	16:17	27-Jun-07	16:51
LCS-10091	LCS-10091	27-Jun-07	16:51	27-Jun-07	17:25
AOC9-SB16-1 (15.5')	0706159-007AMS	27-Jun-07	17:25	27-Jun-07	18:00
AOC9-SB16-1 (15.5')	0706159-007AMSD	27-Jun-07	18:00	27-Jun-07	18:00
TB070207A3	TB070207A3	02-Jul-07	9:33	02-Jul-07	10:02
CCV-10157	CCV-10157	02-Jul-07	10:02	02-Jul-07	10:42
LCS-10157	LCS-10157	02-Jul-07	10:42	02-Jul-07	11:15
AOC9-SB23-2 (15.5')	0706165-008AMS	02-Jul-07	11:15	02-Jul-07	11:50
AOC9-SB23-2 (15.5')	0706165-008AMSD	02-Jul-07	11:50	02-Jul-07	14:25
MB-10157	MB-10157	02-Jul-07	14:25	02-Jul-07	14:58
AOC9-SB22-2 (15.5')	0706165-006A	02-Jul-07	14:58	02-Jul-07	15:33
AOC9-SB23-2 (15.5')	0706165-008A	02-Jul-07	15:33	02-Jul-07	16:07
AOC9-SB24-2 (15.5')	0706165-011A	02-Jul-07	16:07	02-Jul-07	16:40
AOC9-SB20-2 (12.5')	0706165-002A	02-Jul-07	16:40	02-Jul-07	17:14
AOC9-SB25-2 (16.5')	0706165-013A	02-Jul-07	17:14	02-Jul-07	17:48
AOC9-SB21-2 (15.5')	0706165-004A	02-Jul-07	17:48	02-Jul-07	17:48
TB070307A3	TB070307A3	03-Jul-07	6:43	03-Jul-07	7:13
CCV-10171	CCV-10171	03-Jul-07	7:13	03-Jul-07	8:01
LCS-10171	LCS-10171	03-Jul-07	8:01	03-Jul-07	8:34

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
LCSD-10171	LCSD-10171	03-Jul-07	8:34	03-Jul-07	9:46
MB-10171	MB-10171	03-Jul-07	9:46	03-Jul-07	16:19
AOC9-SB16-2 (20.5')	0706159-008A	03-Jul-07	16:19	03-Jul-07	16:19
TB070507A3	TB070507A3	05-Jul-07	11:27	05-Jul-07	12:03
CCV-10188	CCV-10188	05-Jul-07	12:03	05-Jul-07	12:44
LCS-10188	LCS-10188	05-Jul-07	12:44	05-Jul-07	13:18
LCSD-10188	LCSD-10188	05-Jul-07	13:18	05-Jul-07	14:26
MB-10188	MB-10188	05-Jul-07	14:26	05-Jul-07	16:08
AOC9-SB16-2 (20.5') RA	0706159-008ARA	05-Jul-07	16:08	05-Jul-07	16:42
AOC9-SB23-2 (15.5') RA	0706165-008ARA	05-Jul-07	16:42	05-Jul-07	17:16
AOC9-SB24-2 (15.5') RA	0706165-011ARA	05-Jul-07	17:16	05-Jul-07	17:49
AOC9-SB20-2 (12.5') RA	0706165-002ARA	05-Jul-07	17:49	05-Jul-07	18:23
AOC9-SB25-2 (16.5') RA	0706165-013ARA	05-Jul-07	18:23	05-Jul-07	18:57
AOC9-SB21-2 (15.5') RA	0706165-004ARA	05-Jul-07	18:57	05-Jul-07	19:31
AOC9-SB15-2 (22.5') DL	0706159-006ADL	05-Jul-07	19:31	05-Jul-07	20:05
AOC9-SB16-1 (15.5') DL	0706159-007ADL	05-Jul-07	20:05	05-Jul-07	20:05
TB070907A3	TB070907A3	09-Jul-07	7:28	09-Jul-07	7:56
ICAL 2.0PPB	ICAL 2.0PPB	09-Jul-07	7:56	09-Jul-07	8:32
ICAL 5.0PPB	ICAL 5.0PPB	09-Jul-07	8:32	09-Jul-07	9:06
ICAL 20.0PPB	ICAL 20.0PPB	09-Jul-07	9:06	09-Jul-07	9:40
ICAL 50.0PPB	ICAL 50.0PPB	09-Jul-07	9:40	09-Jul-07	10:14
ICAL 100.0PP	ICAL 100.0PPB	09-Jul-07	10:14	09-Jul-07	11:24
ICAL 200.0PP	ICAL 200.0PPB	09-Jul-07	11:24	09-Jul-07	13:07
ICV-10253	ICV-10253	09-Jul-07	13:07	09-Jul-07	13:42
ICAL 150PPB	ICAL 150PPB	09-Jul-07	13:42	09-Jul-07	13:42
TB071007A3	TB071007A3	10-Jul-07	11:39	10-Jul-07	12:07
CCV-10273	CCV-10273	10-Jul-07	12:07	10-Jul-07	13:24
LCS-10273	LCS-10273	10-Jul-07	13:24	10-Jul-07	14:00
AOC9-SB20-1 (11.5')	0706165-001A	10-Jul-07	14:00	10-Jul-07	14:33
LCSD-10273	LCSD-10273	10-Jul-07	14:33	10-Jul-07	15:42
MB-10273	MB-10273	10-Jul-07	15:42	10-Jul-07	16:50
AOC9-SB20-1 (11.5') RA	0706165-001ARA	10-Jul-07	16:50	10-Jul-07	16:50

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS02_12

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062507A2	TB062507A2	25-Jun-07	9:43	25-Jun-07	10:21
ICAL 0.5 ppb	ICAL 0.5 ppb	25-Jun-07	10:21	25-Jun-07	10:59
ICAL 1.0 ppb	ICAL 1.0 ppb	25-Jun-07	10:59	25-Jun-07	11:38
ICAL 2.0 ppb	ICAL 2.0 ppb	25-Jun-07	11:38	25-Jun-07	12:16
ICAL 10 ppb	ICAL 10 ppb	25-Jun-07	12:16	25-Jun-07	12:55
ICAL 20 ppb	ICAL 20 ppb	25-Jun-07	12:55	25-Jun-07	13:33
ICAL 30 ppb	ICAL 30 ppb	25-Jun-07	13:33	25-Jun-07	14:11
ICAL 40 ppb	ICAL 40 ppb	25-Jun-07	14:11	25-Jun-07	16:13
ICV-10081	ICV-10081	25-Jun-07	16:13	25-Jun-07	16:13
TB070207B2	TB070207B2	03-Jul-07	5:51	03-Jul-07	6:25
CCV-10197	CCV-10197	03-Jul-07	6:25	03-Jul-07	7:04
LCS-10197	LCS-10197	03-Jul-07	7:04	03-Jul-07	7:42
MB-10197	MB-10197	03-Jul-07	7:42	03-Jul-07	15:59
AOC9-SB13-1 (16.5')	0706159-001B	03-Jul-07	15:59	03-Jul-07	16:38
AOC9-SB14-1 (16.5')	0706159-003B	03-Jul-07	16:38	03-Jul-07	16:38
TB070307B2	TB070307B2	03-Jul-07	18:54	03-Jul-07	19:23
CCV-10208	CCV-10208	03-Jul-07	19:23	03-Jul-07	20:01
LCS-10208	LCS-10208	03-Jul-07	20:01	03-Jul-07	21:56
MB-5724	MB-5724	03-Jul-07	21:56	03-Jul-07	22:34
MB-10208	MB-10208	03-Jul-07	22:34	04-Jul-07	0:29
AOC9-SB17-1 (11.5')	0706159-009B	04-Jul-07	0:29	04-Jul-07	1:07
AOC9-SB18-1 (8.5')	0706159-011B	04-Jul-07	1:07	04-Jul-07	1:45
AOC9-SB18-1/D (8.5')	0706159-012B	04-Jul-07	1:45	04-Jul-07	2:23
AOC9-SB19-1 (10.5')	0706159-014B	04-Jul-07	2:23	04-Jul-07	2:23
TB070507A2	TB070507A2	05-Jul-07	11:52	05-Jul-07	12:29
CCV-10251	CCV-10251	05-Jul-07	12:29	05-Jul-07	13:09
CCV-10252	CCV-10252	05-Jul-07	12:29	05-Jul-07	13:09
LCS-10251	LCS-10251	05-Jul-07	13:09	05-Jul-07	13:47
LCS-10252	LCS-10252	05-Jul-07	13:09	05-Jul-07	13:47
LCSD-10251	LCSD-10251	05-Jul-07	13:47	05-Jul-07	14:25
LCSD-10252	LCSD-10252	05-Jul-07	13:47	05-Jul-07	14:25
MB-10251	MB-10251	05-Jul-07	14:25	05-Jul-07	16:20
MB-10252	MB-10252	05-Jul-07	14:25	05-Jul-07	15:42
MB-5749	MB-5749	05-Jul-07	15:42	05-Jul-07	20:47
AOC9-SB13-1 (16.5') DL	0706159-001BDL	05-Jul-07	16:20	05-Jul-07	16:58
AOC9-SB14-1 (16.5') DL	0706159-003BDL	05-Jul-07	16:58	05-Jul-07	17:36
AOC9-SB15-1 (18.5')	0706159-005B	05-Jul-07	17:36	05-Jul-07	18:15
AOC9-SB17-1 (11.5') DL	0706159-009BDL	05-Jul-07	18:15	05-Jul-07	18:53

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS02_12

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
AOC9-SB18-1 (8.5') DL	0706159-011BDL	05-Jul-07	18:53	05-Jul-07	19:31
AOC9-SB18-1/D (8.5') DL	0706159-012BDL	05-Jul-07	19:31	05-Jul-07	19:31
AOC9-SB21-1 (11.5')	0706165-003B	05-Jul-07	20:47	05-Jul-07	21:26
AOC9-SB22-1 (12.5')	0706165-005B	05-Jul-07	21:26	05-Jul-07	22:04
AOC9-SB23-1 (13.5')	0706165-007B	05-Jul-07	22:04	05-Jul-07	22:42
AOC9-SB24-1 (12.5')	0706165-009B	05-Jul-07	22:42	05-Jul-07	23:20
AOC9-SB24-1/D (12.5')	0706165-010B	05-Jul-07	23:20	05-Jul-07	23:20
TB070907A2	TB070907A2	09-Jul-07	14:33	09-Jul-07	15:03
CCV-10274	CCV-10274	09-Jul-07	15:03	09-Jul-07	15:41
LCS-10274	LCS-10274	09-Jul-07	15:41	09-Jul-07	16:20
LCSD-10274	LCSD-10274	09-Jul-07	16:20	09-Jul-07	16:58
MB-10274	MB-10274	09-Jul-07	16:58	09-Jul-07	17:36
AOC9-SB15-1 (18.5') DL	0706159-005BDL	09-Jul-07	17:36	09-Jul-07	18:15
AOC9-SB21-1 (11.5') DL	0706165-003BDL	09-Jul-07	18:15	09-Jul-07	18:53
AOC9-SB22-1 (12.5') DL	0706165-005BDL	09-Jul-07	18:53	09-Jul-07	19:31
AOC9-SB23-1 (13.5') DL	0706165-007BDL	09-Jul-07	19:31	09-Jul-07	20:10
AOC9-SB24-1/D (12.5') DL	0706165-010BDL	09-Jul-07	20:10	09-Jul-07	20:48
AOC9-SB25-1 (11.5')	0706165-012B	09-Jul-07	20:48	09-Jul-07	20:48

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070625A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/25/2007 6:46:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3390.D
Compound:	SW8260B	**Sample ID:**	TB062507A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.3	
75	30 - 60% of m/z 95	49.0	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.5	
174	Greater than 50% of m/z 95	70.0	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	95.8	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070627A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/27/2007 5:59:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3415.D
Compound:	SW8260B	**Sample ID:**	TB062707A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.9	
75	30 - 60% of m/z 95	49.6	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	70.2	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070702A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	7/2/2007 9:33:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3533.D
Compound:	SW8260B	**Sample ID:**	TB070207A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	18.6	
75	30 - 60% of m/z 95	51.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.1	
174	Greater than 50% of m/z 95	62.2	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	95.1	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070703A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	7/3/2007 6:43:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3547.D
Compound:	SW8260B	**Sample ID:**	TB070307A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.0	
75	30 - 60% of m/z 95	51.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0.3	
174	Greater than 50% of m/z 95	62.9	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	95.7	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070705A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	7/5/2007 11:27:00 AM
Initial Calibration ID:	990	**File ID:**	C:\HPCHEM\1\DATA\J3590.D
Compound:	SW8260B	**Sample ID:**	TB070507A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.0	
75	30 - 60% of m/z 95	47.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	8.4	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	71.9	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	99.9	
177	5 - 9% of m/z 176	8.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070709A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	7/9/2007 7:28:00 AM
Initial Calibration ID:	996	**File ID:**	C:\HPCHEM\1\DATA\J3606.D
Compound:	SW8260B	**Sample ID:**	TB070907A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	19.7	
75	30 - 60% of m/z 95	51.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.2	
174	Greater than 50% of m/z 95	62.1	
175	5 - 9% of m/z 174	7.1	
176	Greater than 95% but less than 101% of m/z 174	97.3	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070710A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	7/10/2007 11:39:00 AM
Initial Calibration ID:	996	**File ID:**	C:\HPCHEM\1\DATA\J3619.D
Compound:	SW8260B	**Sample ID:**	TB071007A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	18.2	
75	30 - 60% of m/z 95	49.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	65.6	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	95.1	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070627A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	6/25/2007 9:43:00 AM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1123.D
Compound:	SW8260B	**Sample ID:**	TB062507A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.3	
75	30 - 60% of m/z 95	54.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	8.1	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	72.1	
175	5 - 9% of m/z 174	8.5	
176	Greater than 95% but less than 101% of m/z 174	99.2	
177	5 - 9% of m/z 176	7.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070703D
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	7/3/2007 5:51:00 AM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1270.D
Compound:	SW8260B	**Sample ID:**	TB070207B2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.1	
75	30 - 60% of m/z 95	53.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	5.9	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	74.1	
175	5 - 9% of m/z 174	6.7	
176	Greater than 95% but less than 101% of m/z 174	98.0	
177	5 - 9% of m/z 176	5.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070703F
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	7/3/2007 6:54:00 PM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1291.D
Compound:	SW8260B	**Sample ID:**	TB070307B2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.6	
75	30 - 60% of m/z 95	53.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	5.9	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	64.4	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	98.5	
177	5 - 9% of m/z 176	6.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070705C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	7/5/2007 11:52:00 AM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1353.D
Compound:	SW8260B	**Sample ID:**	TB070507A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	23.6	
75	30 - 60% of m/z 95	53.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	61.6	
175	5 - 9% of m/z 174	7.0	
176	Greater than 95% but less than 101% of m/z 174	99.7	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070709A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	7/9/2007 2:33:00 PM
Initial Calibration ID:	992	**File ID:**	C:\HPCHEM\1\DATA\M1412.D
Compound:	SW8260B	**Sample ID:**	TB070907A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.0	
75	30 - 60% of m/z 95	53.3	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	56.1	
175	5 - 9% of m/z 174	7.1	
176	Greater than 95% but less than 101% of m/z 174	100.2	
177	5 - 9% of m/z 176	6.2	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Thursday, October 18, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0709149

Dear Robert Meyers:

Life Science Laboratories, Inc. received 9 sample(s) on 9/26/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperature of the cooler was 1°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Percent Moisture	ASTM D2216	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E&E
Project/Order:	Griffiss AFB
Work Order #:	0709149
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): JW 10-17-07

Supervisor/Reviewed by (Initials/Date): JW 10-18-07

QA/QC Review (Initials/Date): sent for LK 10/18/07

File Name: G:\Narratives\MSVoa\0709149msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples were unpreserved.

Laboratory Control Sample
The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS-11323	Acetone	1
LCSD-11386	Several	2

1 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples. Recovery met marginal exceedance limits therefore, no flags were applied. The duplicate LCS met acceptance limits. No corrective action was taken.

2 The recoveries exceeded the upper control limits and one analyte was detected above the RL in the associated samples. The primary LCS met acceptance limits. Results were flagged accordingly.

Surrogate Standards
The following sample(s) did not meet surrogate recovery criteria:

Sample Description	Sample #	Surrogate	Corrective Action
AOC9-SB35-01	0709149-002A	4-Bromofluorobenzene	1
	0709149-002B	4-Bromofluorobenzene	1
		Toluene-d8	2
	0709149-002BDL	4-Bromofluorobenzene	1
AOC9-SB34-01	0709149-005B	4-Bromofluorobenzene	2
		Toluene-d8	2
	0709149-005BDL	4-Bromofluorobenzene	2

Client: E&E
Project/Order: Griffiss AFB
Work Order #: 0709149
Methodology: 8260B

1 The recovery was confirmed by analysis of the sample at a higher dilution. Both sets of data are reported. No further corrective action was taken.

2 The recovery exceeded the upper control limit and analytes were detected. Results were flagged accordingly.

Internal Standards
The internal standard area for the following sample(s) did not meet abundance criteria:

Sample Description	Sample #	Internal Standard	Corrective Action
AOC9-SB35-01	0709149-002A	Chlorobenzene-d5	1
		1,4-Dichlorobenzene-d4	1

1 The recovery met acceptance criteria when reanalyzed at a higher dilution. Matrix interference is suspected. Both sets of data are reported. No further corrective action was taken.

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-11241	MS3	Chloromethane	21.0		1
		Chloroethane	-30.0		2
		Trichlorofluoromethane	-34.6		2
CCV-11283	MS3	Bromomethane	-30.3		3
		Chloroethane	-32.1		2
		Trichlorofluoromethane	-37.7		2

1 The recovery marginally exceeded the lower control limit and was not detected above the RL in the associated samples. No corrective action was taken.

2 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples, which is allowed by project variance. No corrective action was taken.

3 Project variance allows plus or minus 30% drift. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Miscellaneous
The compound JP-10 was detected in sample AOC9-SB34-02 [0709149-006A].

Life Science Laboratories, Inc.

Date: *18-Oct-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0709149

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0709149-001A	AOC9-SB33-01		9/25/2007	9/26/2007
0709149-001B	AOC9-SB33-01		9/25/2007	9/26/2007
0709149-001C	AOC9-SB33-01		9/25/2007	9/26/2007
0709149-002A	AOC9-SB35-01		9/25/2007	9/26/2007
0709149-002B	AOC9-SB35-01		9/25/2007	9/26/2007
0709149-002C	AOC9-SB35-01		9/25/2007	9/26/2007
0709149-003A	AOC9-SB35-02		9/25/2007	9/26/2007
0709149-003B	AOC9-SB35-02		9/25/2007	9/26/2007
0709149-003C	AOC9-SB35-02		9/25/2007	9/26/2007
0709149-004A	AOC9-SB35-02/D		9/25/2007	9/26/2007
0709149-004B	AOC9-SB35-02/D		9/25/2007	9/26/2007
0709149-004C	AOC9-SB35-02/D		9/25/2007	9/26/2007
0709149-005A	AOC9-SB34-01		9/25/2007	9/26/2007
0709149-005B	AOC9-SB34-01		9/25/2007	9/26/2007
0709149-005C	AOC9-SB34-01		9/25/2007	9/26/2007
0709149-006A	AOC9-SB34-02		9/25/2007	9/26/2007
0709149-006B	AOC9-SB34-02		9/25/2007	9/26/2007
0709149-006C	AOC9-SB34-02		9/25/2007	9/26/2007
0709149-007A	AOC9-SB37-01		9/25/2007	9/26/2007
0709149-007B	AOC9-SB37-01		9/25/2007	9/26/2007
0709149-007C	AOC9-SB37-01		9/25/2007	9/26/2007
0709149-008A	AOC9-SB38-01		9/25/2007	9/26/2007
0709149-008B	AOC9-SB38-01		9/25/2007	9/26/2007
0709149-008C	AOC9-SB38-01		9/25/2007	9/26/2007
0709149-009A	AOC9-SB38-02		9/25/2007	9/26/2007
0709149-009B	AOC9-SB38-02		9/25/2007	9/26/2007
0709149-009C	AOC9-SB38-02		9/25/2007	9/26/2007

Lab Order: 0709149
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0709149-001A	AOC9-SB33-01	9/25/2007 8:45:00 AM	Soil	Volatile Organic Compounds by GC/MS			10/2/2007
0709149-001C				Percent Moisture			9/27/2007
0709149-002A	AOC9-SB35-01	9/25/2007 10:25:00 AM		Volatile Organic Compounds by GC/MS			10/1/2007
0709149-002B				Volatile Organic Compounds by GC/MS - MeOH Extract		10/2/2007	10/2/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		10/2/2007	10/3/2007
0709149-002C				Percent Moisture			9/27/2007
0709149-003A	AOC9-SB35-02	9/25/2007 10:35:00 AM		Volatile Organic Compounds by GC/MS			10/2/2007
0709149-003C				Percent Moisture			9/27/2007
0709149-004A	AOC9-SB35-02/D			Volatile Organic Compounds by GC/MS			10/2/2007
0709149-004C				Percent Moisture			9/27/2007
0709149-005B	AOC9-SB34-01	9/25/2007 11:50:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		10/2/2007	10/3/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		10/2/2007	10/2/2007
0709149-005C				Percent Moisture			9/27/2007
0709149-006A	AOC9-SB34-02	9/25/2007 12:00:00 PM		Volatile Organic Compounds by GC/MS			10/2/2007
0709149-006C				Percent Moisture			9/27/2007
0709149-007A	AOC9-SB37-01	9/25/2007 5:00:00 PM		Volatile Organic Compounds by GC/MS			10/2/2007
0709149-007C				Percent Moisture			9/27/2007
0709149-008A	AOC9-SB38-01	9/25/2007 5:40:00 PM		Volatile Organic Compounds by GC/MS			10/2/2007
0709149-008C				Percent Moisture			9/27/2007
0709149-009A	AOC9-SB38-02	9/25/2007 6:05:00 PM		Volatile Organic Compounds by GC/MS			10/2/2007
0709149-009C				Percent Moisture			9/27/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody
"BLUE Cooler"

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # 716-684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's (5gram Encore) 8260 Target List	PCT's 1-202					Depth Ft.	Readings PPM FID	Comments	Readings PPM PID
AOC9-SB33-01	9/25/07	0845	Soil	Grab	5	4	1					12.5	17.2		188
AOC9-SB35-01		1025			5	4	1					13.4-13.6	1528		286
AOC9-SB35-02		1035			5	4	1					16.3-16.5	18.1		22.6
AOC9-SB35-02/D		1035			5	4	1					16.3-16.5	18.1		22.6
AOC9-SB34-01		1150			5	4	1					12.3-12.7	734		290
AOC9-SB34-02	9/25/07	1200	Soil	Grab	5	4	1					15.3-15.7	0.4		2.6
AOC9-SB37-01		1700			5	4	1					20.8-21.2	0		0
AOC9-SB38-01	9/25/07	1740	Soil	Grab	5	4	1					11.5-12.0	0		0
AOC9-SB38-02	9/25/07	1805	Soil	Grab	5	4	1					21-21.4	0		0

Relinquished by:	Date: 9/26/07	Time: 0708 1208	Received by:	Date:	Time:
Relinquished by: Kimberly Cossey	Date: 9/26/07	Time: 2:00	Received by: 9/26/07	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab:	Date: 9/26/07	Time: 1320
Shipment Method:			Airbill Number:		

Turnaround Time Required:

Routine

Rush (Specify) 1 Week

Temperature: 1°C on ice

Custody Seal INTACT

Comments:

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E**

Date and Time Received: **9/26/2007 1:20:00 PM**

Work Order Number **0709149**

Received by: ads

Checklist completed by: _____ Initials | 9/26/07 Date

Reviewed by: MS Initials | 9/26/07 Date

Matrix:

Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E+E - Griffiss 0709149 -0

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0709149-001 – 009	C		DB	9/27/07 11:00	Moist	9/27/07 16:00
0709149-001 → 009	A		ABM	10/01/07 09:00	8260	10/01/07 12:00

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB35-01	0709149-002B
AOC9-SB35-01 DL	0709149-002BDL
AOC9-SB34-01	0709149-005B
AOC9-SB34-01 DL	0709149-005BDL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB35-01	0709149-002A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB33-01	0709149-001A
AOC9-SB35-02	0709149-003A
AOC9-SB35-02/D	0709149-004A
AOC9-SB34-02	0709149-006A
AOC9-SB37-01	0709149-007A
AOC9-SB38-01	0709149-008A
AOC9-SB38-02	0709149-009A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB33-01	**Lab Sample ID:**	0709149-001A	**Matrix:**	Soil
% Solids:	82.70	**Initial Calibration ID:**	1056	**File ID:**	J4628.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00079	0.0302	0.00079	5		U
1,1,1,2-Tetrachloroethane	0.00097	0.0181	0.00097	5		U
1,1,1-Trichloroethane	0.00085	0.0302	0.00085	5		U
1,1,2,2-Tetrachloroethane	0.00085	0.0181	0.00085	5		U
1,1,2-Trichloroethane	0.00151	0.0302	0.00151	5		U
1,1-Dichloroethane	0.00048	0.0302	0.00048	5		U
1,1-Dichloroethene	0.00091	0.0363	0.00091	5		U
1,1-Dichloropropene	0.00115	0.0302	0.00115	5		U
1,2,3-Trichlorobenzene	0.00248	0.0302	0.00248	5		U
1,2,3-Trichloropropane	0.00139	0.0302	0.00139	5		U
1,2,4-Trichlorobenzene	0.00200	0.0302	0.00200	5		U
1,2,4-Trimethylbenzene	0.00036	0.0363	0.00036	5		U
1,2-Dibromo-3-chloropropane	0.00187	0.0605	0.00187	5		U
1,2-Dibromoethane	0.00048	0.0302	0.00048	5		U
1,2-Dichlorobenzene	0.00036	0.0302	0.0206	5		F
1,2-Dichloroethane	0.00067	0.0181	0.00067	5		U
1,2-Dichloropropane	0.00133	0.0302	0.00133	5		U
1,3,5-Trimethylbenzene	0.00048	0.0302	0.00048	5		U
1,3-Dichlorobenzene	0.00067	0.0363	0.00484	5		F
1,3-Dichloropropane	0.00054	0.0151	0.00054	5		U
1,4-Dichlorobenzene	0.00036	0.0151	0.132	5		
1-Chlorohexane	0.00097	0.0302	0.00097	5		U
2,2-Dichloropropane	0.00079	0.0302	0.00079	5		U
2-Butanone	0.00254	0.121	0.00254	5		U
2-Chlorotoluene	0.00024	0.0302	0.00024	5		U
4-Chlorotoluene	0.00042	0.0302	0.00042	5		U
4-Methyl-2-pentanone	0.00193	0.121	0.00193	5		U
Acetone	0.00181	0.302	0.0487	5		F
Benzene	0.00030	0.0151	0.00030	5		U
Bromobenzene	0.00091	0.0302	0.00091	5		U
Bromochloromethane	0.00121	0.0302	0.00121	5		U
Bromodichloromethane	0.00036	0.0151	0.00036	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB33-01	**Lab Sample ID:**	0709149-001A	**Matrix:**	Soil
% Solids:	82.70	**Initial Calibration ID:**	1056	**File ID:**	J4628.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00103	0.0363	0.00103	5		U
Bromomethane	0.00079	0.0605	0.00079	5		U
Carbon tetrachloride	0.00073	0.0302	0.00073	5		U
Chlorobenzene	0.00042	0.0151	0.0576	5		
Chloroethane	0.00151	0.0302	0.00151	5		U
Chloroform	0.00042	0.0151	0.00042	5		U
Chloromethane	0.00187	0.0302	0.00187	5		U
cis-1,2-Dichloroethene	0.00097	0.0302	0.00097	5		U
cis-1,3-Dichloropropene	0.00054	0.0181	0.00054	5		U
Dibromochloromethane	0.00042	0.0181	0.00042	5		U
Dibromomethane	0.00073	0.0302	0.00073	5		U
Dichlorodifluoromethane	0.00048	0.0302	0.00048	5		U
Ethylbenzene	0.00079	0.0302	0.00079	5		U
Hexachlorobutadiene	0.00230	0.0181	0.00230	5		U
Isopropylbenzene	0.00030	0.0302	0.00030	5		U
Methyl tert-butyl ether	0.00079	0.121	0.00079	5		U
Methylene chloride	0.00363	0.0302	0.00363	5		U
n-Butylbenzene	0.00079	0.0302	0.00079	5		U
n-Propylbenzene	0.00018	0.0302	0.00018	5		U
Naphthalene	0.00127	0.0302	0.00127	5		U
o-Xylene	0.00103	0.0302	0.00103	5		U
p-Isopropyltoluene	0.00103	0.0363	0.00103	5		U
sec-Butylbenzene	0.00030	0.0302	0.00641	5		F
Styrene	0.00073	0.0302	0.00073	5		U
tert-Butylbenzene	0.00048	0.0302	0.00048	5		U
Tetrachloroethene	0.00067	0.0302	0.00067	5		U
Toluene	0.00030	0.0302	0.00030	5		U
trans-1,2-Dichloroethene	0.00073	0.0302	0.00073	5		U
trans-1,3-Dichloropropene	0.00091	0.0302	0.00091	5		U
Trichloroethene	0.00073	0.0302	0.00073	5		U
Trichlorofluoromethane	0.00048	0.0302	0.00048	5		U
Vinyl chloride	0.00079	0.0302	0.00079	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB33-01	**Lab Sample ID:**	0709149-001A	**Matrix:**	Soil
% Solids:	82.70	**Initial Calibration ID:**	1056	**File ID:**	J4628.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00181	0.0302	0.00181	5		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	114	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1313713	1061351 - 4245404	
Chlorobenzene-d5	1899747	1422324 - 5689294	
Fluorobenzene	4535946	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01	**Lab Sample ID:**	0709149-002A	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1056	**File ID:**	J4609.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00072	0.0277	0.00072	5		UQ
1,1,1,2-Tetrachloroethane	0.00089	0.0166	0.00089	5		UQ
1,1,1-Trichloroethane	0.00078	0.0277	0.00078	5		U
1,1,2,2-Tetrachloroethane	0.00078	0.0166	0.00078	5		UQ
1,1,2-Trichloroethane	0.00139	0.0277	0.00139	5		U
1,1-Dichloroethane	0.00044	0.0277	0.00044	5		U
1,1-Dichloroethene	0.00083	0.0333	0.00083	5		U
1,1-Dichloropropene	0.00105	0.0277	0.00105	5		U
1,2,3-Trichlorobenzene	0.00227	0.0277	0.00227	5		UQ
1,2,3-Trichloropropane	0.00127	0.0277	0.00127	5		UQ
1,2,4-Trichlorobenzene	0.00183	0.0277	0.00405	5		FJQ
1,2,4-Trimethylbenzene	0.00033	0.0333	0.475	5		JQ
1,2-Dibromo-3-chloropropane	0.00172	0.0554	0.00172	5		UQ
1,2-Dibromoethane	0.00044	0.0277	0.00044	5		UQ
1,2-Dichlorobenzene	0.00033	0.0277	1.18	5		JQ
1,2-Dichloroethane	0.00061	0.0166	0.00061	5		U
1,2-Dichloropropane	0.00122	0.0277	0.00122	5		U
1,3,5-Trimethylbenzene	0.00044	0.0277	0.00044	5		UQ
1,3-Dichlorobenzene	0.00061	0.0333	0.211	5		JQ
1,3-Dichloropropane	0.00050	0.0139	0.00050	5		UQ
1,4-Dichlorobenzene	0.00033	0.0139	4.16	5		JQ
1-Chlorohexane	0.00089	0.0277	0.00089	5		UQ
2,2-Dichloropropane	0.00072	0.0277	0.00072	5		U
2-Butanone	0.00233	0.111	0.00233	5		U
2-Chlorotoluene	0.00022	0.0277	0.00022	5		UQ
4-Chlorotoluene	0.00039	0.0277	0.00039	5		UQ
4-Methyl-2-pentanone	0.00177	0.111	0.00177	5		U
Acetone	0.00166	0.277	0.133	5		FJ
Benzene	0.00028	0.0139	0.00327	5		FJ
Bromobenzene	0.00083	0.0277	0.00083	5		UQ
Bromochloromethane	0.00111	0.0277	0.00111	5		U
Bromodichloromethane	0.00033	0.0139	0.00033	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01	**Lab Sample ID:**	0709149-002A	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1056	**File ID:**	J4609.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00094	0.0333	0.00094	5		UQ
Bromomethane	0.00072	0.0554	0.00072	5		U
Carbon tetrachloride	0.00067	0.0277	0.00067	5		U
Chlorobenzene	0.00039	0.0139	0.669	5		JQ
Chloroethane	0.00139	0.0277	0.00139	5		U
Chloroform	0.00039	0.0139	0.00039	5		U
Chloromethane	0.00172	0.0277	0.00172	5		UQ
cis-1,2-Dichloroethene	0.00089	0.0277	0.00089	5		U
cis-1,3-Dichloropropene	0.00050	0.0166	0.00050	5		U
Dibromochloromethane	0.00039	0.0166	0.00039	5		UQ
Dibromomethane	0.00067	0.0277	0.00067	5		U
Dichlorodifluoromethane	0.00044	0.0277	0.00044	5		U
Ethylbenzene	0.00072	0.0277	0.00072	5		UQ
Hexachlorobutadiene	0.00211	0.0166	0.00211	5		UQ
Isopropylbenzene	0.00028	0.0277	0.143	5		JQ
Methyl tert-butyl ether	0.00072	0.111	0.00072	5		U
Methylene chloride	0.00333	0.0277	0.00333	5		U
n-Butylbenzene	0.00072	0.0277	0.941	5		JQ
n-Propylbenzene	0.00017	0.0277	0.00017	5		UQ
Naphthalene	0.00116	0.0277	0.0131	5		FJQ
o-Xylene	0.00094	0.0277	0.00094	5		UQ
p-Isopropyltoluene	0.00094	0.0333	0.00094	5		UQ
sec-Butylbenzene	0.00028	0.0277	1.19	5		JQ
Styrene	0.00067	0.0277	0.00067	5		UQ
tert-Butylbenzene	0.00044	0.0277	0.226	5		JQ
Tetrachloroethene	0.00061	0.0277	0.00061	5		UQ
Toluene	0.00028	0.0277	0.00028	5		U
trans-1,2-Dichloroethene	0.00067	0.0277	0.00067	5		U
trans-1,3-Dichloropropene	0.00083	0.0277	0.00083	5		U
Trichloroethene	0.00067	0.0277	0.00067	5		U
Trichlorofluoromethane	0.00044	0.0277	0.00044	5		U
Vinyl chloride	0.00072	0.0277	0.00072	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01	**Lab Sample ID:**	0709149-002A	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1056	**File ID:**	J4609.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00166	0.0277	0.00166	5		UQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	333	84 - 118	*
Dibromofluoromethane	104	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	904798	1061351 - 4245404	*
Chlorobenzene-d5	8485747	1422324 - 5689294	*
Fluorobenzene	6921166	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01	**Lab Sample ID:**	0709149-002B	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1060	**File ID:**	T0642.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0151	0.581	0.0151	1		U
1,1,1,2-Tetrachloroethane	0.0186	0.349	0.0186	1		U
1,1,1-Trichloroethane	0.0163	0.581	0.0163	1		U
1,1,2,2-Tetrachloroethane	0.0163	0.349	0.0163	1		U
1,1,2-Trichloroethane	0.0291	0.581	0.0291	1		U
1,1-Dichloroethane	0.00930	0.581	0.00930	1		U
1,1-Dichloroethene	0.0174	0.698	0.0174	1		U
1,1-Dichloropropene	0.0221	0.581	0.0221	1		U
1,2,3-Trichlorobenzene	0.0477	0.581	0.0477	1		U
1,2,3-Trichloropropane	0.0267	0.581	0.0267	1		U
1,2,4-Trichlorobenzene	0.0384	0.581	0.0384	1		U
1,2,4-Trimethylbenzene	0.00698	0.698	0.500	1		FJ
1,2-Dibromo-3-chloropropane	0.0361	1.16	0.0361	1		U
1,2-Dibromoethane	0.00930	0.581	0.00930	1		U
1,2-Dichlorobenzene	0.00698	0.581	2.42	1		J
1,2-Dichloroethane	0.0128	0.349	0.0128	1		U
1,2-Dichloropropane	0.0256	0.581	0.0256	1		U
1,3,5-Trimethylbenzene	0.00930	0.581	0.00930	1		U
1,3-Dichlorobenzene	0.0128	0.698	0.0128	1		U
1,3-Dichloropropane	0.0105	0.291	0.0105	1		U
1,4-Dichlorobenzene	0.00698	0.291	9.27	1		J
1-Chlorohexane	0.0186	0.581	0.0186	1		U
2,2-Dichloropropane	0.0151	0.581	0.0151	1		U
2-Butanone	0.0488	2.33	0.0488	1		U
2-Chlorotoluene	0.00465	0.581	0.00465	1		U
4-Chlorotoluene	0.00814	0.581	0.00814	1		U
4-Methyl-2-pentanone	0.0372	2.33	0.0372	1		U
Acetone	0.0349	5.81	1.23	1		FJ
Benzene	0.00581	0.291	0.00581	1		U
Bromobenzene	0.0174	0.581	0.0174	1		U
Bromochloromethane	0.0233	0.581	0.0233	1		U
Bromodichloromethane	0.00698	0.291	0.00698	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01	**Lab Sample ID:**	0709149-002B	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1060	**File ID:**	T0642.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0198	0.698	0.0198	1		U
Bromomethane	0.0151	1.16	0.0151	1		U
Carbon tetrachloride	0.0140	0.581	0.0140	1		U
Chlorobenzene	0.00814	0.291	3.30	1		J
Chloroethane	0.0291	0.581	0.0291	1		U
Chloroform	0.00814	0.291	0.00814	1		U
Chloromethane	0.0361	0.581	0.0361	1		U
cis-1,2-Dichloroethene	0.0186	0.581	0.0186	1		U
cis-1,3-Dichloropropene	0.0105	0.349	0.0105	1		U
Dibromochloromethane	0.00814	0.349	0.00814	1		U
Dibromomethane	0.0140	0.581	0.0140	1		U
Dichlorodifluoromethane	0.00930	0.581	0.00930	1		U
Ethylbenzene	0.0151	0.581	0.0151	1		U
Hexachlorobutadiene	0.0442	0.349	0.0442	1		U
Isopropylbenzene	0.00581	0.581	0.180	1		FJ
Methyl tert-butyl ether	0.0151	2.33	0.0151	1		U
Methylene chloride	0.0698	0.581	0.0698	1		U
n-Butylbenzene	0.0151	0.581	2.20	1		J
n-Propylbenzene	0.00349	0.581	0.558	1		FJ
Naphthalene	0.0244	0.581	0.0244	1		U
o-Xylene	0.0198	0.581	0.0198	1		U
p-Isopropyltoluene	0.0198	0.698	0.0198	1		U
sec-Butylbenzene	0.00581	0.581	1.92	1		J
Styrene	0.0140	0.581	0.0140	1		U
tert-Butylbenzene	0.00930	0.581	0.302	1		FJ
Tetrachloroethene	0.0128	0.581	0.0128	1		U
Toluene	0.00581	0.581	0.00581	1		U
trans-1,2-Dichloroethene	0.0140	0.581	0.0140	1		U
trans-1,3-Dichloropropene	0.0174	0.581	0.0174	1		U
Trichloroethene	0.0140	0.581	0.0140	1		U
Trichlorofluoromethane	0.00930	0.581	0.00930	1		U
Vinyl chloride	0.0151	0.581	0.0151	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01	**Lab Sample ID:**	0709149-002B	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1060	**File ID:**	T0642.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0349	1.16	0.0349	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	191	84 - 118	*
Dibromofluoromethane	97	65 - 135	
Toluene-d8	118	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1146347	443553 - 1774212	
Chlorobenzene-d5	2012758	698816 - 2795262	
Fluorobenzene	3532930	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01 DL	**Lab Sample ID:**	0709149-002BDL	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1060	**File ID:**	T0676.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.121	4.65	0.121	8		U
1,1,1,2-Tetrachloroethane	0.149	2.79	0.149	8		U
1,1,1-Trichloroethane	0.130	4.65	0.130	8		U
1,1,2,2-Tetrachloroethane	0.130	2.79	0.130	8		U
1,1,2-Trichloroethane	0.233	4.65	0.233	8		U
1,1-Dichloroethane	0.0744	4.65	0.0744	8		U
1,1-Dichloroethene	0.140	5.58	0.140	8		U
1,1-Dichloropropene	0.177	4.65	0.177	8		U
1,2,3-Trichlorobenzene	0.381	4.65	0.381	8		U
1,2,3-Trichloropropane	0.214	4.65	0.214	8		U
1,2,4-Trichlorobenzene	0.307	4.65	0.307	8		U
1,2,4-Trimethylbenzene	0.0558	5.58	0.744	8		FJ
1,2-Dibromo-3-chloropropane	0.288	9.30	0.288	8		U
1,2-Dibromoethane	0.0744	4.65	0.0744	8		U
1,2-Dichlorobenzene	0.0558	4.65	2.84	8		FJQ
1,2-Dichloroethane	0.102	2.79	0.102	8		U
1,2-Dichloropropane	0.205	4.65	0.205	8		U
1,3,5-Trimethylbenzene	0.0744	4.65	0.0744	8		U
1,3-Dichlorobenzene	0.102	5.58	0.102	8		U
1,3-Dichloropropane	0.0837	2.33	0.0837	8		U
1,4-Dichlorobenzene	0.0558	2.33	10.3	8		J
1-Chlorohexane	0.149	4.65	0.149	8		U
2,2-Dichloropropane	0.121	4.65	0.121	8		U
2-Butanone	0.391	18.6	0.391	8		U
2-Chlorotoluene	0.0372	4.65	0.0372	8		U
4-Chlorotoluene	0.0651	4.65	0.0651	8		U
4-Methyl-2-pentanone	0.298	18.6	0.298	8		U
Acetone	0.279	46.5	0.279	8		U
Benzene	0.0465	2.33	0.0465	8		U
Bromobenzene	0.140	4.65	0.140	8		U
Bromochloromethane	0.186	4.65	0.186	8		U
Bromodichloromethane	0.0558	2.33	0.0558	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AQC9-SB35-01 DL	**Lab Sample ID:**	0709149-002BDL	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1060	**File ID:**	T0676.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.158	5.58	0.158	8		U
Bromomethane	0.121	9.30	0.121	8		U
Carbon tetrachloride	0.112	4.65	0.112	8		U
Chlorobenzene	0.0651	2.33	3.95	8		J
Chloroethane	0.233	4.65	0.233	8		U
Chloroform	0.0651	2.33	0.0651	8		U
Chloromethane	0.288	4.65	0.288	8		U
cis-1,2-Dichloroethene	0.149	4.65	0.149	8		U
cis-1,3-Dichloropropene	0.0837	2.79	0.0837	8		U
Dibromochloromethane	0.0651	2.79	0.0651	8		U
Dibromomethane	0.112	4.65	0.112	8		U
Dichlorodifluoromethane	0.0744	4.65	0.0744	8		U
Ethylbenzene	0.121	4.65	0.121	8		U
Hexachlorobutadiene	0.354	2.79	0.354	8		U
Isopropylbenzene	0.0465	4.65	0.0465	8		U
Methyl tert-butyl ether	0.121	18.6	0.121	8		U
Methylene chloride	0.558	4.65	0.558	8		U
n-Butylbenzene	0.121	4.65	0.121	8		U
n-Propylbenzene	0.0279	4.65	0.0279	8		U
Naphthalene	0.195	4.65	0.195	8		U
o-Xylene	0.158	4.65	0.158	8		U
p-Isopropyltoluene	0.158	5.58	0.158	8		U
sec-Butylbenzene	0.0465	4.65	2.23	8		FJQ
Styrene	0.112	4.65	0.112	8		U
tert-Butylbenzene	0.0744	4.65	0.0744	8		U
Tetrachloroethene	0.102	4.65	0.102	8		U
Toluene	0.0465	4.65	0.0465	8		U
trans-1,2-Dichloroethene	0.112	4.65	0.112	8		U
trans-1,3-Dichloropropene	0.140	4.65	0.140	8		U
Trichloroethene	0.112	4.65	0.112	8		U
Trichlorofluoromethane	0.0744	4.65	0.0744	8		U
Vinyl chloride	0.121	4.65	0.121	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-01 DL	**Lab Sample ID:**	0709149-002BDL	**Matrix:**	Soil
% Solids:	90.20	**Initial Calibration ID:**	1060	**File ID:**	T0676.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.279	9.30	0.279	8		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	52 - 149	
4-Bromofluorobenzene	124	84 - 118	*
Dibromofluoromethane	83	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	710381	443553 - 1774212	
Chlorobenzene-d5	1340173	698816 - 2795262	
Fluorobenzene	2776637	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-02	**Lab Sample ID:**	0709149-003A	**Matrix:**	Soil
% Solids:	83.20	**Initial Calibration ID:**	1056	**File ID:**	J4627.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.67 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00529	0.00014	0.88		U
1,1,1,2-Tetrachloroethane	0.00017	0.00317	0.00017	0.88		U
1,1,1-Trichloroethane	0.00015	0.00529	0.00015	0.88		U
1,1,2,2-Tetrachloroethane	0.00015	0.00317	0.00015	0.88		U
1,1,2-Trichloroethane	0.00026	0.00529	0.00026	0.88		U
1,1-Dichloroethane	0.00008	0.00529	0.00008	0.88		U
1,1-Dichloroethene	0.00016	0.00635	0.00016	0.88		U
1,1-Dichloropropene	0.00020	0.00529	0.00020	0.88		U
1,2,3-Trichlorobenzene	0.00043	0.00529	0.00043	0.88		U
1,2,3-Trichloropropane	0.00024	0.00529	0.00024	0.88		U
1,2,4-Trichlorobenzene	0.00035	0.00529	0.00035	0.88		U
1,2,4-Trimethylbenzene	0.00006	0.00635	0.00006	0.88		U
1,2-Dibromo-3-chloropropane	0.00033	0.0106	0.00033	0.88		U
1,2-Dibromoethane	0.00008	0.00529	0.00008	0.88		U
1,2-Dichlorobenzene	0.00006	0.00529	0.00006	0.88		U
1,2-Dichloroethane	0.00012	0.00317	0.00012	0.88		U
1,2-Dichloropropane	0.00023	0.00529	0.00023	0.88		U
1,3,5-Trimethylbenzene	0.00008	0.00529	0.00008	0.88		U
1,3-Dichlorobenzene	0.00012	0.00635	0.00012	0.88		U
1,3-Dichloropropane	0.00010	0.00264	0.00010	0.88		U
1,4-Dichlorobenzene	0.00006	0.00264	0.00006	0.88		U
1-Chlorohexane	0.00017	0.00529	0.00017	0.88		U
2,2-Dichloropropane	0.00014	0.00529	0.00014	0.88		U
2-Butanone	0.00044	0.0212	0.00044	0.88		U
2-Chlorotoluene	0.00004	0.00529	0.00004	0.88		U
4-Chlorotoluene	0.00007	0.00529	0.00007	0.88		U
4-Methyl-2-pentanone	0.00034	0.0212	0.00034	0.88		U
Acetone	0.00032	0.0529	0.00778	0.88		F
Benzene	0.00005	0.00264	0.00005	0.88		U
Bromobenzene	0.00016	0.00529	0.00016	0.88		U
Bromochloromethane	0.00021	0.00529	0.00021	0.88		U
Bromodichloromethane	0.00006	0.00264	0.00006	0.88		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-02	**Lab Sample ID:**	0709149-003A	**Matrix:**	Soil
% Solids:	83.20	**Initial Calibration ID:**	1056	**File ID:**	J4627.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.67 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00635	0.00018	0.88		U
Bromomethane	0.00014	0.0106	0.000561	0.88		F
Carbon tetrachloride	0.00013	0.00529	0.00013	0.88		U
Chlorobenzene	0.00007	0.00264	0.00007	0.88		U
Chloroethane	0.00026	0.00529	0.00026	0.88		U
Chloroform	0.00007	0.00264	0.00007	0.88		U
Chloromethane	0.00033	0.00529	0.00033	0.88		U
cis-1,2-Dichloroethene	0.00017	0.00529	0.00017	0.88		U
cis-1,3-Dichloropropene	0.00010	0.00317	0.00010	0.88		U
Dibromochloromethane	0.00007	0.00317	0.00007	0.88		U
Dibromomethane	0.00013	0.00529	0.00013	0.88		U
Dichlorodifluoromethane	0.00008	0.00529	0.00008	0.88		U
Ethylbenzene	0.00014	0.00529	0.00014	0.88		U
Hexachlorobutadiene	0.00040	0.00317	0.00040	0.88		U
Isopropylbenzene	0.00005	0.00529	0.00005	0.88		U
Methyl tert-butyl ether	0.00014	0.0212	0.00014	0.88		U
Methylene chloride	0.00063	0.00529	0.00577	0.88		
n-Butylbenzene	0.00014	0.00529	0.00199	0.88		F
n-Propylbenzene	0.00003	0.00529	0.00003	0.88		U
Naphthalene	0.00022	0.00529	0.00022	0.88		U
o-Xylene	0.00018	0.00529	0.00018	0.88		U
p-Isopropyltoluene	0.00018	0.00635	0.00018	0.88		U
sec-Butylbenzene	0.00005	0.00529	0.00123	0.88		F
Styrene	0.00013	0.00529	0.00013	0.88		U
tert-Butylbenzene	0.00008	0.00529	0.00008	0.88		U
Tetrachloroethene	0.00012	0.00529	0.00012	0.88		U
Toluene	0.00005	0.00529	0.00005	0.88		U
trans-1,2-Dichloroethene	0.00013	0.00529	0.00013	0.88		U
trans-1,3-Dichloropropene	0.00016	0.00529	0.00016	0.88		U
Trichloroethene	0.00013	0.00529	0.00013	0.88		U
Trichlorofluoromethane	0.00008	0.00529	0.00008	0.88		U
Vinyl chloride	0.00014	0.00529	0.00014	0.88		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-02	**Lab Sample ID:**	0709149-003A	**Matrix:**	Soil
% Solids:	83.20	**Initial Calibration ID:**	1056	**File ID:**	J4627.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.67 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00032	0.00529	0.00032	0.88		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	105	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1183662	1061351 - 4245404	
Chlorobenzene-d5	1675654	1422324 - 5689294	
Fluorobenzene	3845703	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-02/D	**Lab Sample ID:**	0709149-004A	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	1056	**File ID:**	J4626.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.48 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00548	0.00014	0.91		U
1,1,1,2-Tetrachloroethane	0.00018	0.00329	0.00018	0.91		U
1,1,1-Trichloroethane	0.00015	0.00548	0.00015	0.91		U
1,1,2,2-Tetrachloroethane	0.00015	0.00329	0.00015	0.91		U
1,1,2-Trichloroethane	0.00027	0.00548	0.00027	0.91		U
1,1-Dichloroethane	0.00009	0.00548	0.00009	0.91		U
1,1-Dichloroethene	0.00016	0.00657	0.00016	0.91		U
1,1-Dichloropropene	0.00021	0.00548	0.00021	0.91		U
1,2,3-Trichlorobenzene	0.00045	0.00548	0.00045	0.91		U
1,2,3-Trichloropropane	0.00025	0.00548	0.00025	0.91		U
1,2,4-Trichlorobenzene	0.00036	0.00548	0.00036	0.91		U
1,2,4-Trimethylbenzene	0.00007	0.00657	0.00007	0.91		U
1,2-Dibromo-3-chloropropane	0.00034	0.0110	0.00034	0.91		U
1,2-Dibromoethane	0.00009	0.00548	0.00009	0.91		U
1,2-Dichlorobenzene	0.00007	0.00548	0.00007	0.91		U
1,2-Dichloroethane	0.00012	0.00329	0.00012	0.91		U
1,2-Dichloropropane	0.00024	0.00548	0.00024	0.91		U
1,3,5-Trimethylbenzene	0.00009	0.00548	0.00009	0.91		U
1,3-Dichlorobenzene	0.00012	0.00657	0.00012	0.91		U
1,3-Dichloropropane	0.00010	0.00274	0.00010	0.91		U
1,4-Dichlorobenzene	0.00007	0.00274	0.00007	0.91		U
1-Chlorohexane	0.00018	0.00548	0.00018	0.91		U
2,2-Dichloropropane	0.00014	0.00548	0.00014	0.91		U
2-Butanone	0.00046	0.0219	0.00046	0.91		U
2-Chlorotoluene	0.00004	0.00548	0.00004	0.91		U
4-Chlorotoluene	0.00008	0.00548	0.00008	0.91		U
4-Methyl-2-pentanone	0.00035	0.0219	0.00035	0.91		U
Acetone	0.00033	0.0548	0.00551	0.91		F
Benzene	0.00005	0.00274	0.00005	0.91		U
Bromobenzene	0.00016	0.00548	0.00016	0.91		U
Bromochloromethane	0.00022	0.00548	0.00022	0.91		U
Bromodichloromethane	0.00007	0.00274	0.00007	0.91		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-02/D	**Lab Sample ID:**	0709149-004A	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	1056	**File ID:**	J4626.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.48 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00657	0.00019	0.91		U
Bromomethane	0.00014	0.0110	0.000931	0.91		F
Carbon tetrachloride	0.00013	0.00548	0.00013	0.91		U
Chlorobenzene	0.00008	0.00274	0.000635	0.91		F
Chloroethane	0.00027	0.00548	0.00027	0.91		U
Chloroform	0.00008	0.00274	0.00008	0.91		U
Chloromethane	0.00034	0.00548	0.00034	0.91		U
cis-1,2-Dichloroethene	0.00018	0.00548	0.00018	0.91		U
cis-1,3-Dichloropropene	0.00010	0.00329	0.00010	0.91		U
Dibromochloromethane	0.00008	0.00329	0.00008	0.91		U
Dibromomethane	0.00013	0.00548	0.00013	0.91		U
Dichlorodifluoromethane	0.00009	0.00548	0.00009	0.91		U
Ethylbenzene	0.00014	0.00548	0.00014	0.91		U
Hexachlorobutadiene	0.00042	0.00329	0.00042	0.91		U
Isopropylbenzene	0.00005	0.00548	0.00005	0.91		U
Methyl tert-butyl ether	0.00014	0.0219	0.00014	0.91		U
Methylene chloride	0.00066	0.00548	0.00495	0.91		F
n-Butylbenzene	0.00014	0.00548	0.00182	0.91		F
n-Propylbenzene	0.00003	0.00548	0.00003	0.91		U
Naphthalene	0.00023	0.00548	0.00023	0.91		U
o-Xylene	0.00019	0.00548	0.00019	0.91		U
p-Isopropyltoluene	0.00019	0.00657	0.00019	0.91		U
sec-Butylbenzene	0.00005	0.00548	0.00005	0.91		U
Styrene	0.00013	0.00548	0.00013	0.91		U
tert-Butylbenzene	0.00009	0.00548	0.00009	0.91		U
Tetrachloroethene	0.00012	0.00548	0.00012	0.91		U
Toluene	0.00005	0.00548	0.00005	0.91		U
trans-1,2-Dichloroethene	0.00013	0.00548	0.00013	0.91		U
trans-1,3-Dichloropropene	0.00016	0.00548	0.00016	0.91		U
Trichloroethene	0.00013	0.00548	0.00013	0.91		U
Trichlorofluoromethane	0.00009	0.00548	0.00009	0.91		U
Vinyl chloride	0.00014	0.00548	0.00014	0.91		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB35-02/D	**Lab Sample ID:**	0709149-004A	**Matrix:**	Soil
% Solids:	83.10	**Initial Calibration ID:**	1056	**File ID:**	J4626.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.48 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00548	0.00033	0.91		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	105	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1393778	1061351 - 4245404	
Chlorobenzene-d5	1981837	1422324 - 5689294	
Fluorobenzene	4516219	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-01	**Lab Sample ID:**	0709149-005B	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	1060	**File ID:**	T0643.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.99 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0173	0.667	0.967	1		J
1,1,1,2-Tetrachloroethane	0.0213	0.400	0.0213	1		U
1,1,1-Trichloroethane	0.0187	0.667	0.0187	1		U
1,1,2,2-Tetrachloroethane	0.0187	0.400	0.0187	1		U
1,1,2-Trichloroethane	0.0333	0.667	0.0333	1		U
1,1-Dichloroethane	0.0107	0.667	0.0107	1		U
1,1-Dichloroethene	0.0200	0.800	0.0200	1		U
1,1-Dichloropropene	0.0253	0.667	0.0253	1		U
1,2,3-Trichlorobenzene	0.0547	0.667	0.0547	1		U
1,2,3-Trichloropropane	0.0307	0.667	0.0307	1		U
1,2,4-Trichlorobenzene	0.0440	0.667	0.0440	1		U
1,2,4-Trimethylbenzene	0.00800	0.800	37.3	1		J
1,2-Dibromo-3-chloropropane	0.0414	1.33	0.0414	1		U
1,2-Dibromoethane	0.0107	0.667	0.0107	1		U
1,2-Dichlorobenzene	0.00800	0.667	2.49	1		J
1,2-Dichloroethane	0.0147	0.400	0.0147	1		U
1,2-Dichloropropane	0.0293	0.667	0.0293	1		U
1,3,5-Trimethylbenzene	0.0107	0.667	21.2	1		J
1,3-Dichlorobenzene	0.0147	0.800	0.0147	1		U
1,3-Dichloropropane	0.0120	0.333	0.0120	1		U
1,4-Dichlorobenzene	0.00800	0.333	15.1	1		J
1-Chlorohexane	0.0213	0.667	0.0213	1		U
2,2-Dichloropropane	0.0173	0.667	0.0173	1		U
2-Butanone	0.0560	2.67	0.0560	1		U
2-Chlorotoluene	0.00534	0.667	0.00534	1		U
4-Chlorotoluene	0.00934	0.667	0.00934	1		U
4-Methyl-2-pentanone	0.0427	2.67	0.0427	1		U
Acetone	0.0400	6.67	0.0400	1		U
Benzene	0.00667	0.333	0.00667	1		U
Bromobenzene	0.0200	0.667	0.0200	1		U
Bromochloromethane	0.0267	0.667	0.0267	1		U
Bromodichloromethane	0.00800	0.333	0.00800	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-01	**Lab Sample ID:**	0709149-005B	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	1060	**File ID:**	T0643.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.99 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0227	0.800	0.0227	1		U
Bromomethane	0.0173	1.33	0.0173	1		U
Carbon tetrachloride	0.0160	0.667	0.0160	1		U
Chlorobenzene	0.00934	0.333	21.5	1		J
Chloroethane	0.0333	0.667	0.0333	1		U
Chloroform	0.00934	0.333	0.00934	1		U
Chloromethane	0.0414	0.667	0.0414	1		U
cis-1,2-Dichloroethene	0.0213	0.667	0.0213	1		U
cis-1,3-Dichloropropene	0.0120	0.400	0.0120	1		U
Dibromochloromethane	0.00934	0.400	0.00934	1		U
Dibromomethane	0.0160	0.667	0.0160	1		U
Dichlorodifluoromethane	0.0107	0.667	0.0107	1		U
Ethylbenzene	0.0173	0.667	0.420	1		FJ
Hexachlorobutadiene	0.0507	0.400	0.0507	1		U
Isopropylbenzene	0.00667	0.667	3.55	1		J
Methyl tert-butyl ether	0.0173	2.67	0.0173	1		U
Methylene chloride	0.0800	0.667	0.0800	1		U
n-Butylbenzene	0.0173	0.667	9.13	1		J
n-Propylbenzene	0.00400	0.667	5.83	1		J
Naphthalene	0.0280	0.667	0.0280	1		U
o-Xylene	0.0227	0.667	1.37	1		J
p-Isopropyltoluene	0.0227	0.800	11.4	1		J
sec-Butylbenzene	0.00667	0.667	8.19	1		J
Styrene	0.0160	0.667	0.0160	1		U
tert-Butylbenzene	0.0107	0.667	1.87	1		J
Tetrachloroethene	0.0147	0.667	0.0147	1		U
Toluene	0.00667	0.667	0.287	1		FJ
trans-1,2-Dichloroethene	0.0160	0.667	0.0160	1		U
trans-1,3-Dichloropropene	0.0200	0.667	0.0200	1		U
Trichloroethene	0.0160	0.667	0.0160	1		U
Trichlorofluoromethane	0.0107	0.667	0.0107	1		U
Vinyl chloride	0.0173	0.667	0.0173	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-01	**Lab Sample ID:**	0709149-005B	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	1060	**File ID:**	T0643.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.99 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0400	1.33	2.33	1		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	171	84 - 118	*
Dibromofluoromethane	96	65 - 135	
Toluene-d8	120	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1281052	443553 - 1774212	
Chlorobenzene-d5	2212327	698816 - 2795262	
Fluorobenzene	3940530	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-01 DL	**Lab Sample ID:**	0709149-005BDL	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	1060	**File ID:**	T0677.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.99 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.139	5.34	1.17	8		FJ
1,1,1,2-Tetrachloroethane	0.171	3.20	0.171	8		U
1,1,1-Trichloroethane	0.149	5.34	0.149	8		U
1,1,2,2-Tetrachloroethane	0.149	3.20	0.149	8		U
1,1,2-Trichloroethane	0.267	5.34	0.267	8		U
1,1-Dichloroethane	0.0854	5.34	0.0854	8		U
1,1-Dichloroethene	0.160	6.40	0.160	8		U
1,1-Dichloropropene	0.203	5.34	0.203	8		U
1,2,3-Trichlorobenzene	0.438	5.34	0.438	8		U
1,2,3-Trichloropropane	0.245	5.34	0.245	8		U
1,2,4-Trichlorobenzene	0.352	5.34	0.352	8		U
1,2,4-Trimethylbenzene	0.0640	6.40	75.8	8		
1,2-Dibromo-3-chloropropane	0.331	10.7	0.331	8		U
1,2-Dibromoethane	0.0854	5.34	0.0854	8		U
1,2-Dichlorobenzene	0.0640	5.34	2.72	8		FJQ
1,2-Dichloroethane	0.117	3.20	0.117	8		U
1,2-Dichloropropane	0.235	5.34	0.235	8		U
1,3,5-Trimethylbenzene	0.0854	5.34	28.0	8		J
1,3-Dichlorobenzene	0.117	6.40	0.907	8		FJ
1,3-Dichloropropane	0.0960	2.67	0.0960	8		U
1,4-Dichlorobenzene	0.0640	2.67	16.2	8		J
1-Chlorohexane	0.171	5.34	0.171	8		U
2,2-Dichloropropane	0.139	5.34	0.139	8		U
2-Butanone	0.448	21.3	0.448	8		U
2-Chlorotoluene	0.0427	5.34	0.0427	8		U
4-Chlorotoluene	0.0747	5.34	0.0747	8		U
4-Methyl-2-pentanone	0.341	21.3	0.341	8		U
Acetone	0.320	53.4	0.320	8		U
Benzene	0.0534	2.67	0.0534	8		U
Bromobenzene	0.160	5.34	0.160	8		U
Bromochloromethane	0.213	5.34	0.213	8		U
Bromodichloromethane	0.0640	2.67	0.0640	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-01 DL	**Lab Sample ID:**	0709149-005BDL	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	1060	**File ID:**	T0677.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.99 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.181	6.40	0.181	8		U
Bromomethane	0.139	10.7	0.139	8		U
Carbon tetrachloride	0.128	5.34	0.128	8		U
Chlorobenzene	0.0747	2.67	28.4	8		J
Chloroethane	0.267	5.34	0.267	8		U
Chloroform	0.0747	2.67	0.0747	8		U
Chloromethane	0.331	5.34	0.331	8		U
cis-1,2-Dichloroethene	0.171	5.34	0.171	8		U
cis-1,3-Dichloropropene	0.0960	3.20	0.0960	8		U
Dibromochloromethane	0.0747	3.20	0.0747	8		U
Dibromomethane	0.128	5.34	0.128	8		U
Dichlorodifluoromethane	0.0854	5.34	0.0854	8		U
Ethylbenzene	0.139	5.34	0.534	8		FJ
Hexachlorobutadiene	0.406	3.20	0.406	8		U
Isopropylbenzene	0.0534	5.34	4.32	8		FJQ
Methyl tert-butyl ether	0.139	21.3	0.139	8		U
Methylene chloride	0.640	5.34	0.640	8		U
n-Butylbenzene	0.139	5.34	8.22	8		J
n-Propylbenzene	0.0320	5.34	6.56	8		J
Naphthalene	0.224	5.34	0.224	8		U
o-Xylene	0.181	5.34	1.55	8		FJ
p-Isopropyltoluene	0.181	6.40	13.0	8		J
sec-Butylbenzene	0.0534	5.34	9.39	8		JQ
Styrene	0.128	5.34	0.128	8		U
tert-Butylbenzene	0.0854	5.34	2.19	8		FJ
Tetrachloroethene	0.117	5.34	0.117	8		U
Toluene	0.0534	5.34	0.0534	8		U
trans-1,2-Dichloroethene	0.128	5.34	0.128	8		U
trans-1,3-Dichloropropene	0.160	5.34	0.160	8		U
Trichloroethene	0.128	5.34	0.128	8		U
Trichlorofluoromethane	0.0854	5.34	0.0854	8		U
Vinyl chloride	0.139	5.34	0.139	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-01 DL	**Lab Sample ID:**	0709149-005BDL	**Matrix:**	Soil
% Solids:	81.90	**Initial Calibration ID:**	1060	**File ID:**	T0677.D
Date Received:	26-Sep-07	**Date Extracted:**	02-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.99 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.320	10.7	2.72	8		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	124	84 - 118	*
Dibromofluoromethane	97	65 - 135	
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	812851	443553 - 1774212	
Chlorobenzene-d5	1437623	698816 - 2795262	
Fluorobenzene	3020972	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-02	**Lab Sample ID:**	0709149-006A	**Matrix:**	Soil
% Solids:	83.60	**Initial Calibration ID:**	1056	**File ID:**	J4619.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.97 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00604	0.00016	1.01		U
1,1,1,2-Tetrachloroethane	0.00019	0.00362	0.00019	1.01		U
1,1,1-Trichloroethane	0.00017	0.00604	0.00017	1.01		U
1,1,2,2-Tetrachloroethane	0.00017	0.00362	0.00017	1.01		U
1,1,2-Trichloroethane	0.00030	0.00604	0.00030	1.01		U
1,1-Dichloroethane	0.00010	0.00604	0.00010	1.01		U
1,1-Dichloroethene	0.00018	0.00725	0.00018	1.01		U
1,1-Dichloropropene	0.00023	0.00604	0.00023	1.01		U
1,2,3-Trichlorobenzene	0.00050	0.00604	0.00050	1.01		U
1,2,3-Trichloropropane	0.00028	0.00604	0.00028	1.01		U
1,2,4-Trichlorobenzene	0.00040	0.00604	0.00040	1.01		U
1,2,4-Trimethylbenzene	0.00007	0.00725	0.00007	1.01		U
1,2-Dibromo-3-chloropropane	0.00037	0.0121	0.00037	1.01		U
1,2-Dibromoethane	0.00010	0.00604	0.00010	1.01		U
1,2-Dichlorobenzene	0.00007	0.00604	0.00007	1.01		U
1,2-Dichloroethane	0.00013	0.00362	0.00013	1.01		U
1,2-Dichloropropane	0.00027	0.00604	0.00027	1.01		U
1,3,5-Trimethylbenzene	0.00010	0.00604	0.00010	1.01		U
1,3-Dichlorobenzene	0.00013	0.00725	0.00013	1.01		U
1,3-Dichloropropane	0.00011	0.00302	0.00011	1.01		U
1,4-Dichlorobenzene	0.00007	0.00302	0.00007	1.01		U
1-Chlorohexane	0.00019	0.00604	0.00019	1.01		U
2,2-Dichloropropane	0.00016	0.00604	0.00016	1.01		U
2-Butanone	0.00051	0.0242	0.00051	1.01		U
2-Chlorotoluene	0.00005	0.00604	0.00005	1.01		U
4-Chlorotoluene	0.00008	0.00604	0.00008	1.01		U
4-Methyl-2-pentanone	0.00039	0.0242	0.00039	1.01		U
Acetone	0.00036	0.0604	0.0118	1.01		F
Benzene	0.00006	0.00302	0.00006	1.01		U
Bromobenzene	0.00018	0.00604	0.00018	1.01		U
Bromochloromethane	0.00024	0.00604	0.00024	1.01		U
Bromodichloromethane	0.00007	0.00302	0.00007	1.01		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-02	**Lab Sample ID:**	0709149-006A	**Matrix:**	Soil
% Solids:	83.60	**Initial Calibration ID:**	1056	**File ID:**	J4619.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.97 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00021	0.00725	0.00021	1.01		U
Bromomethane	0.00016	0.0121	0.000870	1.01		F
Carbon tetrachloride	0.00014	0.00604	0.00014	1.01		U
Chlorobenzene	0.00008	0.00302	0.000652	1.01		F
Chloroethane	0.00030	0.00604	0.00030	1.01		U
Chloroform	0.00008	0.00302	0.00008	1.01		U
Chloromethane	0.00037	0.00604	0.00037	1.01		U
cis-1,2-Dichloroethene	0.00019	0.00604	0.00019	1.01		U
cis-1,3-Dichloropropene	0.00011	0.00362	0.00011	1.01		U
Dibromochloromethane	0.00008	0.00362	0.00008	1.01		U
Dibromomethane	0.00014	0.00604	0.00014	1.01		U
Dichlorodifluoromethane	0.00010	0.00604	0.00010	1.01		U
Ethylbenzene	0.00016	0.00604	0.000809	1.01		F
Hexachlorobutadiene	0.00046	0.00362	0.00046	1.01		U
Isopropylbenzene	0.00006	0.00604	0.00006	1.01		U
Methyl tert-butyl ether	0.00016	0.0242	0.00016	1.01		U
Methylene chloride	0.00072	0.00604	0.00271	1.01		F
n-Butylbenzene	0.00016	0.00604	0.00016	1.01		U
n-Propylbenzene	0.00004	0.00604	0.00004	1.01		U
Naphthalene	0.00025	0.00604	0.00025	1.01		U
o-Xylene	0.00021	0.00604	0.00021	1.01		U
p-Isopropyltoluene	0.00021	0.00725	0.00021	1.01		U
sec-Butylbenzene	0.00006	0.00604	0.00006	1.01		U
Styrene	0.00014	0.00604	0.00014	1.01		U
tert-Butylbenzene	0.00010	0.00604	0.00010	1.01		U
Tetrachloroethene	0.00013	0.00604	0.00013	1.01		U
Toluene	0.00006	0.00604	0.000979	1.01		F
trans-1,2-Dichloroethene	0.00014	0.00604	0.00014	1.01		U
trans-1,3-Dichloropropene	0.00018	0.00604	0.00018	1.01		U
Trichloroethene	0.00014	0.00604	0.00014	1.01		U
Trichlorofluoromethane	0.00010	0.00604	0.00010	1.01		U
Vinyl chloride	0.00016	0.00604	0.00016	1.01		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB34-02	**Lab Sample ID:**	0709149-006A	**Matrix:**	Soil
% Solids:	83.60	**Initial Calibration ID:**	1056	**File ID:**	J4619.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.97 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00604	0.00036	1.01		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1540448	1061351 - 4245404	
Chlorobenzene-d5	2253003	1422324 - 5689294	
Fluorobenzene	5252354	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB37-01	**Lab Sample ID:**	0709149-007A	**Matrix:**	Soil
% Solids:	83.60	**Initial Calibration ID:**	1056	**File ID:**	J4620.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00013	0.00502	0.00013	0.84		U
1,1,1,2-Tetrachloroethane	0.00016	0.00301	0.00016	0.84		U
1,1,1-Trichloroethane	0.00014	0.00502	0.00014	0.84		U
1,1,2,2-Tetrachloroethane	0.00014	0.00301	0.00014	0.84		U
1,1,2-Trichloroethane	0.00025	0.00502	0.00025	0.84		U
1,1-Dichloroethane	0.00008	0.00502	0.00008	0.84		U
1,1-Dichloroethene	0.00015	0.00603	0.00015	0.84		U
1,1-Dichloropropene	0.00019	0.00502	0.00019	0.84		U
1,2,3-Trichlorobenzene	0.00041	0.00502	0.00041	0.84		U
1,2,3-Trichloropropane	0.00023	0.00502	0.00023	0.84		U
1,2,4-Trichlorobenzene	0.00033	0.00502	0.00033	0.84		U
1,2,4-Trimethylbenzene	0.00006	0.00603	0.00006	0.84		U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	0.00031	0.84		U
1,2-Dibromoethane	0.00008	0.00502	0.00008	0.84		U
1,2-Dichlorobenzene	0.00006	0.00502	0.00006	0.84		U
1,2-Dichloroethane	0.00011	0.00301	0.00011	0.84		U
1,2-Dichloropropane	0.00022	0.00502	0.00022	0.84		U
1,3,5-Trimethylbenzene	0.00008	0.00502	0.00008	0.84		U
1,3-Dichlorobenzene	0.00011	0.00603	0.00011	0.84		U
1,3-Dichloropropane	0.00009	0.00251	0.00009	0.84		U
1,4-Dichlorobenzene	0.00006	0.00251	0.00006	0.84		U
1-Chlorohexane	0.00016	0.00502	0.00016	0.84		U
2,2-Dichloropropane	0.00013	0.00502	0.00013	0.84		U
2-Butanone	0.00042	0.0201	0.00042	0.84		U
2-Chlorotoluene	0.00004	0.00502	0.00004	0.84		U
4-Chlorotoluene	0.00007	0.00502	0.00007	0.84		U
4-Methyl-2-pentanone	0.00032	0.0201	0.00032	0.84		U
Acetone	0.00030	0.0502	0.0107	0.84		F
Benzene	0.00005	0.00251	0.00005	0.84		U
Bromobenzene	0.00015	0.00502	0.00015	0.84		U
Bromochloromethane	0.00020	0.00502	0.00020	0.84		U
Bromodichloromethane	0.00006	0.00251	0.00006	0.84		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB37-01	**Lab Sample ID:**	0709149-007A	**Matrix:**	Soil
% Solids:	83.60	**Initial Calibration ID:**	1056	**File ID:**	J4620.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00017	0.00603	0.00017	0.84		U
Bromomethane	0.00013	0.0100	0.000814	0.84		F
Carbon tetrachloride	0.00012	0.00502	0.00012	0.84		U
Chlorobenzene	0.00007	0.00251	0.000683	0.84		F
Chloroethane	0.00025	0.00502	0.00025	0.84		U
Chloroform	0.00007	0.00251	0.00007	0.84		U
Chloromethane	0.00031	0.00502	0.00031	0.84		U
cis-1,2-Dichloroethene	0.00016	0.00502	0.00016	0.84		U
cis-1,3-Dichloropropene	0.00009	0.00301	0.00009	0.84		U
Dibromochloromethane	0.00007	0.00301	0.00007	0.84		U
Dibromomethane	0.00012	0.00502	0.00012	0.84		U
Dichlorodifluoromethane	0.00008	0.00502	0.00008	0.84		U
Ethylbenzene	0.00013	0.00502	0.00013	0.84		U
Hexachlorobutadiene	0.00038	0.00301	0.00038	0.84		U
Isopropylbenzene	0.00005	0.00502	0.00005	0.84		U
Methyl tert-butyl ether	0.00013	0.0201	0.00013	0.84		U
Methylene chloride	0.00060	0.00502	0.000854	0.84		F
n-Butylbenzene	0.00013	0.00502	0.00013	0.84		U
n-Propylbenzene	0.00003	0.00502	0.00003	0.84		U
Naphthalene	0.00021	0.00502	0.00021	0.84		U
o-Xylene	0.00017	0.00502	0.00017	0.84		U
p-Isopropyltoluene	0.00017	0.00603	0.00017	0.84		U
sec-Butylbenzene	0.00005	0.00502	0.00005	0.84		U
Styrene	0.00012	0.00502	0.00012	0.84		U
tert-Butylbenzene	0.00008	0.00502	0.00008	0.84		U
Tetrachloroethene	0.00011	0.00502	0.00011	0.84		U
Toluene	0.00005	0.00502	0.00005	0.84		U
trans-1,2-Dichloroethene	0.00012	0.00502	0.00012	0.84		U
trans-1,3-Dichloropropene	0.00015	0.00502	0.00015	0.84		U
Trichloroethene	0.00012	0.00502	0.00012	0.84		U
Trichlorofluoromethane	0.00008	0.00502	0.00008	0.84		U
Vinyl chloride	0.00013	0.00502	0.00013	0.84		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB37-01	**Lab Sample ID:**	0709149-007A	**Matrix:**	Soil
% Solids:	83.60	**Initial Calibration ID:**	1056	**File ID:**	J4620.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00030	0.00502	0.00030	0.84		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	109	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1456508	1061351 - 4245404	
Chlorobenzene-d5	2205628	1422324 - 5689294	
Fluorobenzene	5248906	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB38-01	**Lab Sample ID:**	0709149-008A	**Matrix:**	Soil
% Solids:	87.30	**Initial Calibration ID:**	1056	**File ID:**	J4621.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.25 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00544	0.000664	0.95		F
1,1,1,2-Tetrachloroethane	0.00017	0.00326	0.00017	0.95		U
1,1,1-Trichloroethane	0.00015	0.00544	0.00015	0.95		U
1,1,2,2-Tetrachloroethane	0.00015	0.00326	0.00015	0.95		U
1,1,2-Trichloroethane	0.00027	0.00544	0.00027	0.95		U
1,1-Dichloroethane	0.00009	0.00544	0.00009	0.95		U
1,1-Dichloroethene	0.00016	0.00653	0.00016	0.95		U
1,1-Dichloropropene	0.00021	0.00544	0.00021	0.95		U
1,2,3-Trichlorobenzene	0.00045	0.00544	0.00045	0.95		U
1,2,3-Trichloropropane	0.00025	0.00544	0.00025	0.95		U
1,2,4-Trichlorobenzene	0.00036	0.00544	0.00036	0.95		U
1,2,4-Trimethylbenzene	0.00007	0.00653	0.000609	0.95		F
1,2-Dibromo-3-chloropropane	0.00034	0.0109	0.00034	0.95		U
1,2-Dibromoethane	0.00009	0.00544	0.00009	0.95		U
1,2-Dichlorobenzene	0.00007	0.00544	0.00007	0.95		U
1,2-Dichloroethane	0.00012	0.00326	0.00012	0.95		U
1,2-Dichloropropane	0.00024	0.00544	0.00024	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00544	0.00009	0.95		U
1,3-Dichlorobenzene	0.00012	0.00653	0.00012	0.95		U
1,3-Dichloropropane	0.00010	0.00272	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00272	0.00007	0.95		U
1-Chlorohexane	0.00017	0.00544	0.00017	0.95		U
2,2-Dichloropropane	0.00014	0.00544	0.00014	0.95		U
2-Butanone	0.00046	0.0218	0.00046	0.95		U
2-Chlorotoluene	0.00004	0.00544	0.00004	0.95		U
4-Chlorotoluene	0.00008	0.00544	0.00008	0.95		U
4-Methyl-2-pentanone	0.00035	0.0218	0.00035	0.95		U
Acetone	0.00033	0.0544	0.00559	0.95		F
Benzene	0.00005	0.00272	0.00005	0.95		U
Bromobenzene	0.00016	0.00544	0.00016	0.95		U
Bromochloromethane	0.00022	0.00544	0.00022	0.95		U
Bromodichloromethane	0.00007	0.00272	0.00007	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB38-01	**Lab Sample ID:**	0709149-008A	**Matrix:**	Soil
% Solids:	87.30	**Initial Calibration ID:**	1056	**File ID:**	J4621.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.25 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00653	0.00018	0.95		U
Bromomethane	0.00014	0.0109	0.00014	0.95		U
Carbon tetrachloride	0.00013	0.00544	0.00013	0.95		U
Chlorobenzene	0.00008	0.00272	0.000784	0.95		F
Chloroethane	0.00027	0.00544	0.00027	0.95		U
Chloroform	0.00008	0.00272	0.00008	0.95		U
Chloromethane	0.00034	0.00544	0.00034	0.95		U
cis-1,2-Dichloroethene	0.00017	0.00544	0.00017	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00326	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00326	0.00008	0.95		U
Dibromomethane	0.00013	0.00544	0.00013	0.95		U
Dichlorodifluoromethane	0.00009	0.00544	0.00009	0.95		U
Ethylbenzene	0.00014	0.00544	0.000827	0.95		F
Hexachlorobutadiene	0.00041	0.00326	0.00041	0.95		U
Isopropylbenzene	0.00005	0.00544	0.00005	0.95		U
Methyl tert-butyl ether	0.00014	0.0218	0.00014	0.95		U
Methylene chloride	0.00065	0.00544	0.00065	0.95		U
n-Butylbenzene	0.00014	0.00544	0.00014	0.95		U
n-Propylbenzene	0.00003	0.00544	0.00003	0.95		U
Naphthalene	0.00023	0.00544	0.00023	0.95		U
o-Xylene	0.00018	0.00544	0.00018	0.95		U
p-Isopropyltoluene	0.00018	0.00653	0.00018	0.95		U
sec-Butylbenzene	0.00005	0.00544	0.00005	0.95		U
Styrene	0.00013	0.00544	0.00013	0.95		U
tert-Butylbenzene	0.00009	0.00544	0.00009	0.95		U
Tetrachloroethene	0.00012	0.00544	0.00012	0.95		U
Toluene	0.00005	0.00544	0.000707	0.95		F
trans-1,2-Dichloroethene	0.00013	0.00544	0.00013	0.95		U
trans-1,3-Dichloropropene	0.00016	0.00544	0.00016	0.95		U
Trichloroethene	0.00013	0.00544	0.00013	0.95		U
Trichlorofluoromethane	0.00009	0.00544	0.00009	0.95		U
Vinyl chloride	0.00014	0.00544	0.00014	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB38-01	**Lab Sample ID:**	0709149-008A	**Matrix:**	Soil
% Solids:	87.30	**Initial Calibration ID:**	1056	**File ID:**	J4621.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.25 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00544	0.000664	0.95		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1367834	1061351 - 4245404	
Chlorobenzene-d5	2110776	1422324 - 5689294	
Fluorobenzene	5243771	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB38-02	**Lab Sample ID:**	0709149-009A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	1056	**File ID:**	J4622.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.14 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00582	0.00015	0.97		U
1,1,1,2-Tetrachloroethane	0.00019	0.00349	0.00019	0.97		U
1,1,1-Trichloroethane	0.00016	0.00582	0.00016	0.97		U
1,1,2,2-Tetrachloroethane	0.00016	0.00349	0.00016	0.97		U
1,1,2-Trichloroethane	0.00029	0.00582	0.00029	0.97		U
1,1-Dichloroethane	0.00009	0.00582	0.00009	0.97		U
1,1-Dichloroethene	0.00017	0.00699	0.00017	0.97		U
1,1-Dichloropropene	0.00022	0.00582	0.00022	0.97		U
1,2,3-Trichlorobenzene	0.00048	0.00582	0.00048	0.97		U
1,2,3-Trichloropropane	0.00027	0.00582	0.00027	0.97		U
1,2,4-Trichlorobenzene	0.00038	0.00582	0.00038	0.97		U
1,2,4-Trimethylbenzene	0.00007	0.00699	0.00007	0.97		U
1,2-Dibromo-3-chloropropane	0.00036	0.0116	0.00036	0.97		U
1,2-Dibromoethane	0.00009	0.00582	0.00009	0.97		U
1,2-Dichlorobenzene	0.00007	0.00582	0.00007	0.97		U
1,2-Dichloroethane	0.00013	0.00349	0.00013	0.97		U
1,2-Dichloropropane	0.00026	0.00582	0.00026	0.97		U
1,3,5-Trimethylbenzene	0.00009	0.00582	0.00009	0.97		U
1,3-Dichlorobenzene	0.00013	0.00699	0.00013	0.97		U
1,3-Dichloropropane	0.00010	0.00291	0.00010	0.97		U
1,4-Dichlorobenzene	0.00007	0.00291	0.00007	0.97		U
1-Chlorohexane	0.00019	0.00582	0.00019	0.97		U
2,2-Dichloropropane	0.00015	0.00582	0.00015	0.97		U
2-Butanone	0.00049	0.0233	0.00049	0.97		U
2-Chlorotoluene	0.00005	0.00582	0.00005	0.97		U
4-Chlorotoluene	0.00008	0.00582	0.00008	0.97		U
4-Methyl-2-pentanone	0.00037	0.0233	0.00037	0.97		U
Acetone	0.00035	0.0582	0.00637	0.97		F
Benzene	0.00006	0.00291	0.00006	0.97		U
Bromobenzene	0.00017	0.00582	0.00017	0.97		U
Bromochloromethane	0.00023	0.00582	0.00023	0.97		U
Bromodichloromethane	0.00007	0.00291	0.00007	0.97		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB38-02	**Lab Sample ID:**	0709149-009A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	1056	**File ID:**	J4622.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.14 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00699	0.00020	0.97		U
Bromomethane	0.00015	0.0116	0.000664	0.97		F
Carbon tetrachloride	0.00014	0.00582	0.00014	0.97		U
Chlorobenzene	0.00008	0.00291	0.000629	0.97		F
Chloroethane	0.00029	0.00582	0.00029	0.97		U
Chloroform	0.00008	0.00291	0.00008	0.97		U
Chloromethane	0.00036	0.00582	0.00036	0.97		U
cis-1,2-Dichloroethene	0.00019	0.00582	0.00019	0.97		U
cis-1,3-Dichloropropene	0.00010	0.00349	0.00010	0.97		U
Dibromochloromethane	0.00008	0.00349	0.00008	0.97		U
Dibromomethane	0.00014	0.00582	0.00014	0.97		U
Dichlorodifluoromethane	0.00009	0.00582	0.00009	0.97		U
Ethylbenzene	0.00015	0.00582	0.00015	0.97		U
Hexachlorobutadiene	0.00044	0.00349	0.00044	0.97		U
Isopropylbenzene	0.00006	0.00582	0.00006	0.97		U
Methyl tert-butyl ether	0.00015	0.0233	0.00015	0.97		U
Methylene chloride	0.00070	0.00582	0.000862	0.97		F
n-Butylbenzene	0.00015	0.00582	0.00015	0.97		U
n-Propylbenzene	0.00003	0.00582	0.00003	0.97		U
Naphthalene	0.00024	0.00582	0.00024	0.97		U
o-Xylene	0.00020	0.00582	0.00020	0.97		U
p-Isopropyltoluene	0.00020	0.00699	0.00020	0.97		U
sec-Butylbenzene	0.00006	0.00582	0.00006	0.97		U
Styrene	0.00014	0.00582	0.00014	0.97		U
tert-Butylbenzene	0.00009	0.00582	0.00009	0.97		U
Tetrachloroethene	0.00013	0.00582	0.00013	0.97		U
Toluene	0.00006	0.00582	0.000757	0.97		F
trans-1,2-Dichloroethene	0.00014	0.00582	0.00014	0.97		U
trans-1,3-Dichloropropene	0.00017	0.00582	0.00017	0.97		U
Trichloroethene	0.00014	0.00582	0.00014	0.97		U
Trichlorofluoromethane	0.00009	0.00582	0.00009	0.97		U
Vinyl chloride	0.00015	0.00582	0.00015	0.97		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB38-02	**Lab Sample ID:**	0709149-009A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	1056	**File ID:**	J4622.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.14 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00582	0.00035	0.97		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1335121	1061351 - 4245404	
Chlorobenzene-d5	2083912	1422324 - 5689294	
Fluorobenzene	5119428	3366154 - 13464618	

Comments:

Quality Control Results

GC/MS Volatile Organics Data

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 14-SEP-07

Initial Calibration ID: 1056

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Sep 17 09:18:58 2007
Response via : Continuing Calibration

ICAL #1056

Calibration Files
2.0 =J4290.D 5.0 =J4291.D 20 =J4305.D
50 =J4293.D 100 =J4294.D 150 =J4295.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.248	0.302	0.244	0.278	0.290	0.293	0.277	8.10
3)	P	Chloromethane	0.364	0.405	0.344	0.345	0.357	0.364	0.362	5.73
4)	CP	Vinyl chloride	0.280	0.333	0.290	0.314	0.341	0.350	0.321	8.54
5)		Bromomethane	0.205	0.191	0.178	0.162	0.175	0.190	0.185	7.76
6)		Chloroethane	0.216	0.259	0.224	0.233	0.243	0.245	0.237	6.10
7)		Trichlorofluorometh	0.470	0.598	0.477	0.525	0.542	0.536	0.523	8.26
8)		Acetone	0.215	0.128	0.107	0.095	0.111	0.107	0.125	32.53
9)		Acrolein	0.046	0.062	0.068	0.066	0.075	0.072	0.067	16.58
10)	CPM	1,1-Dichloroethene	0.170	0.182	0.167	0.207	0.193	0.196	0.189	8.70
11)		Methyl iodide	0.162	0.189	0.199	0.300	0.284	0.287	0.246	24.32
12)		1,1,2-Trichloro-1,2	0.207	0.222	0.202	0.250	0.234	0.231	0.227	7.85
13)		Methyl acetate	0.159	0.269	0.293	0.303	0.318	0.287	0.282	21.21
14)		Acrylonitrile	0.086	0.121	0.129	0.121	0.135	0.128	0.122	13.90
15)		Methylene chloride	0.443	0.330	0.282	0.352	0.313	0.292	0.331	16.62
16)		Carbon disulfide	0.680	0.808	0.712	0.784	0.812	0.780	0.755	7.10
17)		trans-1,2-Dichloroe	0.222	0.220	0.215	0.254	0.239	0.242	0.236	7.32
18)		Methyl tert-Butyl e	0.699	0.722	0.813	0.847	0.815	0.769	0.778	6.79
19)	P	1,1-Dichloroethane	0.450	0.456	0.455	0.505	0.478	0.470	0.471	4.21
20)		Vinyl acetate	0.245	0.370	0.400	0.441	0.495	0.449	0.411	20.61
21)		2-Butanone	0.193	0.186	0.196	0.178	0.209	0.202	0.196	5.69
22)		cis-1,2-Dichloroeth	0.239	0.241	0.256	0.285	0.269	0.270	0.264	7.72
23)		Bromochloromethane	0.108	0.110	0.125	0.133	0.129	0.129	0.126	10.51
24)	CP	Chloroform	0.424	0.415	0.421	0.465	0.441	0.433	0.436	4.05
25)		2,2-Dichloropropane	0.335	0.338	0.345	0.409	0.393	0.390	0.374	8.82
26)		Cyclohexane	0.476	0.461	0.446	0.534	0.509	0.504	0.491	6.32
27)	S	Dibromofluoromethan	0.202	0.197	0.209	0.230	0.221	0.222	0.218	7.87
28)	S	1,2-Dichloroethane-	0.307	0.284	0.303	0.314	0.306	0.292	0.303	3.82
29)		1,2-Dichloroethane	0.362	0.339	0.367	0.382	0.370	0.354	0.365	4.06
30)		1,1,1-Trichloroetha	0.353	0.352	0.357	0.424	0.399	0.401	0.386	8.02
31)		1,1-Dichloropropene	0.299	0.306	0.310	0.369	0.351	0.350	0.335	8.76
32)		Carbon tetrachlorid	0.245	0.246	0.259	0.323	0.309	0.319	0.291	13.56
33)	M	Benzene	1.037	1.013	1.051	1.157	1.038	0.941	1.010	10.03
34)	M	Trichloroethene	0.243	0.244	0.239	0.276	0.267	0.274	0.262	7.60
35)		Dibromomethane	0.136	0.137	0.157	0.165	0.161	0.156	0.155	8.94
36)		Methylcyclohexane	0.408	0.418	0.404	0.485	0.466	0.459	0.445	7.64
37)	CP	1,2-Dichloropropane	0.263	0.258	0.279	0.293	0.286	0.282	0.281	5.76
38)		Bromodichloromethan	0.264	0.273	0.313	0.341	0.337	0.333	0.318	11.39
39)		2-Chloroethylvinyl	0.023	0.031	0.032	0.026	0.027	0.027	0.028	11.49
40)		4-Methyl-2-pentanon	0.331	0.353	0.400	0.368	0.400	0.367	0.364	7.95
41)		cis-1,3-Dichloropro	0.345	0.360	0.429	0.466	0.459	0.447	0.425	12.07
42)	S	Toluene-d8	0.782	0.797	0.837	0.926	0.837	0.771	0.809*	8.23
43)	CPM	Toluene	0.865	0.696	0.657	0.754	0.693	0.655	0.707	11.34

ok @ 9-20-07 ABM 9-19-07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Sep 17 09:18:58 2007
Response via : Continuing Calibration

Calibration Files
2.0 =J4290.D 5.0 =J4291.D 20 =J4305.D
50 =J4293.D 100 =J4294.D 150 =J4295.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.299	0.320	0.386	0.422	0.422	0.409	0.385	14.03
45)		1,1,2-Trichloroetha	0.174	0.174	0.201	0.207	0.203	0.197	0.196	8.57
46)		2-Hexanone	0.220	0.248	0.293	0.266	0.300	0.284	0.268	10.41
47)		1,2-Dibromoethane	0.180	0.192	0.229	0.237	0.235	0.229	0.223	12.17
48)	I	Chlorobenzene-d5	ISTD							
49)		1,3-Dichloropropane	0.888	0.918	1.021	1.058	1.026	0.970	0.985	6.31
50)		Dibromochloromethan	0.426	0.435	0.544	0.606	0.607	0.603	0.557	17.00
51)		Tetrachloroethene	0.543	0.551	0.537	0.656	0.618	0.633	0.601	9.33
52)		1-Chlorohexane	0.712	0.729	0.710	0.872	0.821	0.806	0.781	8.18
53)		1,1,1,2-Tetrachloro	0.435	0.457	0.520	0.583	0.558	0.562	0.533	12.37
54)	PM	Chlorobenzene	1.563	1.557	1.584	1.748	1.612	1.519	1.576	5.87
55)	CP	Ethylbenzene	2.805	2.833	2.768	3.076	2.587	2.197	2.597	15.57
56)		(m+p)-Xylene	0.930	0.958	0.966	1.115	1.007	0.924	0.962	9.02
57)		o-Xylene	0.896	0.887	0.961	1.091	1.027	1.032	0.992	7.90
58)		Styrene	1.318	1.394	1.609	1.832	1.694	1.582	1.558	11.36
59)	P	Bromoform	0.242	0.264	0.357	0.418	0.428	0.432	0.377	25.15
60)	S	Bromofluorobenzene	0.787	0.691	0.725	0.792	0.753	0.747	0.756	5.12
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.129	0.142	0.206	0.222	0.233	0.221	0.200	23.25
63)	P	1,1,2,2-Tetrachloro	0.928	0.949	1.118	1.144	1.119	1.019	1.054	8.38
64)		Isopropylbenzene	3.201	3.349	3.559	3.866	3.289	2.791	3.211#	14.88
65)		1,2,3-Trichloroprop	0.885	0.866	0.995	1.003	1.003	0.909	0.950	6.39
66)		Bromobenzene	0.793	0.837	0.918	0.975	0.943	0.942	0.918	8.45
67)		n-Propylbenzene	3.860	3.946	4.023	4.425	3.695	3.036	3.655	17.16
68)		2-Chlorotoluene	2.623	2.628	2.727	2.944	2.726	2.510	2.641	7.25
69)		4-Chlorotoluene	2.235	2.258	2.349	2.562	2.364	2.145	2.269	8.21
70)		1,3,5-Trimethylbenz	2.400	2.501	2.607	2.909	2.639	2.366	2.508	9.78
71)		tert-Butylbenzene	2.127	2.244	2.435	2.704	2.437	2.251	2.322	9.49
72)		1,2,4-Trimethylbenz	2.230	2.271	2.451	2.690	2.466	2.241	2.340	9.09
73)		sec-Butylbenzene	3.183	3.412	3.605	4.001	3.367	2.842	3.265	15.53
74)		1,3-Dichlorobenzene	1.396	1.439	1.484	1.604	1.526	1.467	1.482	4.53
75)		p-Isopropyltoluene	2.445	2.618	2.743	3.131	2.779	2.441	2.617	11.79
76)		1,4-Dichlorobenzene	1.670	1.517	1.470	1.604	1.505	1.446	1.521	5.70
77)		n-Butylbenzene	2.188	2.305	2.289	2.684	2.433	2.173	2.288#	10.12
78)		1,2-Dichlorobenzene	1.351	1.377	1.469	1.551	1.481	1.431	1.443	4.63
79)		1,2-Dibromo-3-chlor	0.151	0.145	0.202	0.201	0.211	0.191	0.186	14.24
80)		1,2,4-Trichlorobenz	0.641	0.689	0.713	0.834	0.788	0.722	0.723	9.23
81)		Hexachlorobutadiene	0.471	0.517	0.550	0.637	0.595	0.543	0.542	11.12
82)		Naphthalene	1.080	1.188	1.734	1.832	1.726	1.476	1.488	19.48
83)		1,2,3-Trichlorobenz	0.591	0.618	0.709	0.783	0.714	0.639	0.672	9.85

(#) = Out of Range ### Number of calibration levels exceeded format ###
J914VOCS.M Mon Sep 17 09:22:00 2007 P

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 19 09:34:38 2007
Response via : Initial Calibration

Calibration Files
200 =J4296.D , = =
= = =

		Compound	200	Avg	%RSD
		ISTD			
1)	I	Fluorobenzene			
2)		Dichlorodifluoromet	0.287		
3)	P	Chloromethane	0.354		
4)	CP	Vinyl chloride	0.341		
5)		Bromomethane	0.196		
6)		Chloroethane	0.241		
7)		Trichlorofluorometh	0.513		
8)		Acetone	0.114		
9)		Acrolein	0.080		
10)	CPM	1,1-Dichloroethene	0.208		
11)		Methyl iodide	0.300		
12)		1,1,2-Trichloro-1,2	0.243		
13)		Methyl acetate	0.347		
14)		Acrylonitrile	0.137		
15)		Methylene chloride	0.302		
16)		Carbon disulfide	0.708		
17)		trans-1,2-Dichloroe	0.259		
)		Methyl tert-Butyl e	0.782		
19)	P	1,1-Dichloroethane	0.485		
20)		Vinyl acetate	0.478		
21)		2-Butanone	0.207		
22)		cis-1,2-Dichloroeth	0.292		
23)		Bromochloromethane	0.146		
24)	CP	Chloroform	0.450		
25)		2,2-Dichloropropane	0.406		
26)		Cyclohexane	0.510		
27)	S	Dibromofluoromethan	0.247		
28)	S	1,2-Dichloroethane-	0.315		
29)		1,2-Dichloroethane	0.378		
30)		1,1,1-Trichloroetha	0.415		
31)		1,1-Dichloropropene	0.362		
32)		Carbon tetrachlorid	0.337		
33)	M	Benzene	0.831		
34)	M	Trichloroethene	0.290		
35)		Dibromomethane	0.174		
36)		Methylcyclohexane	0.475		
37)	CP	1,2-Dichloropropane	0.304		
38)		Bromodichloromethan	0.361		
39)		2-Chloroethylvinyl	0.030		
40)		4-Methyl-2-pentanon	0.329		
41)		cis-1,3-Dichloropro	0.465		
42)	S	Toluene-d8	0.714		
)	CPM	Toluene	0.630		

(#) = Out of Range ### Number of calibration levels exceeded format ###

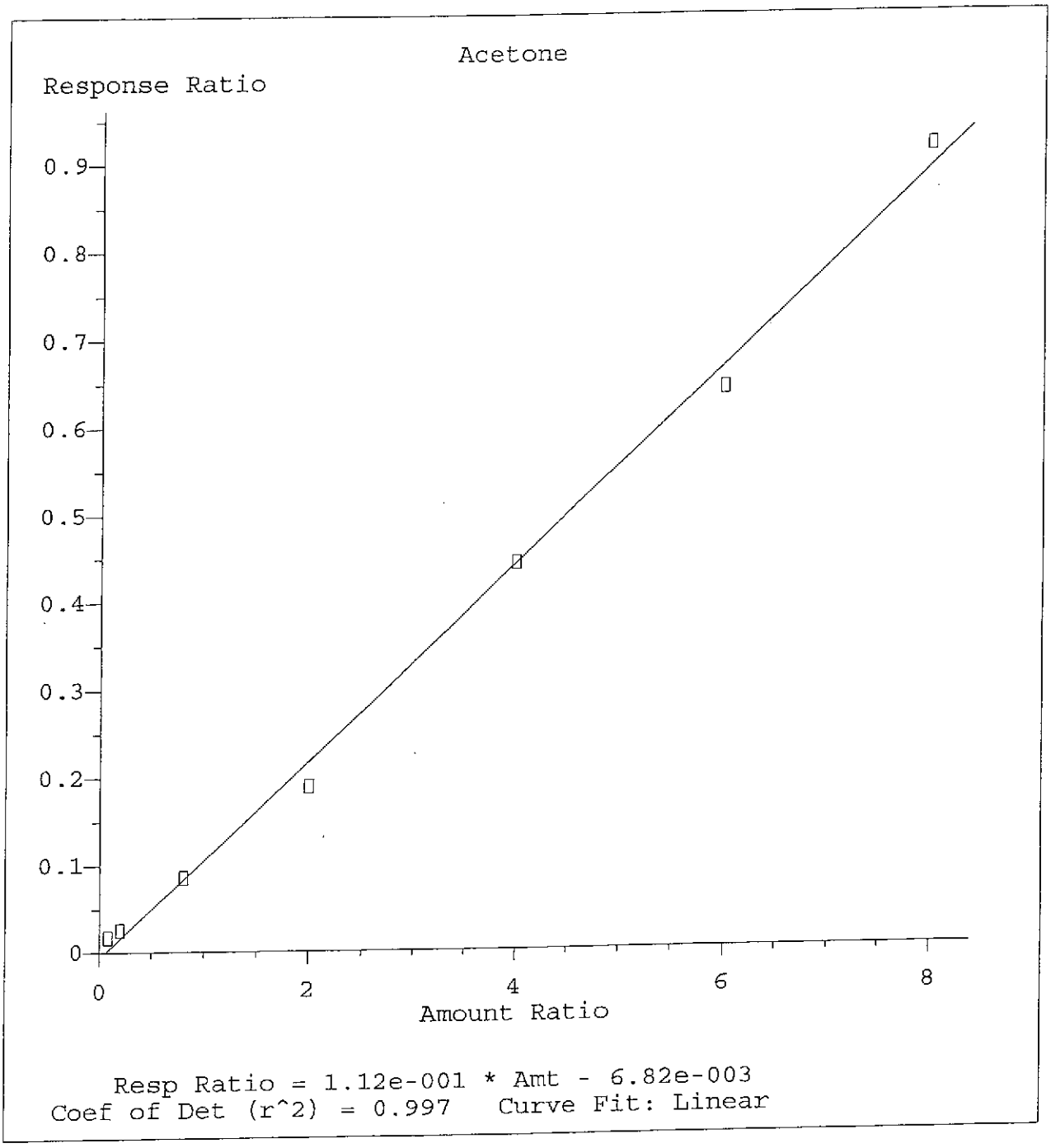
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 19 09:34:38 2007
Response via : Initial Calibration

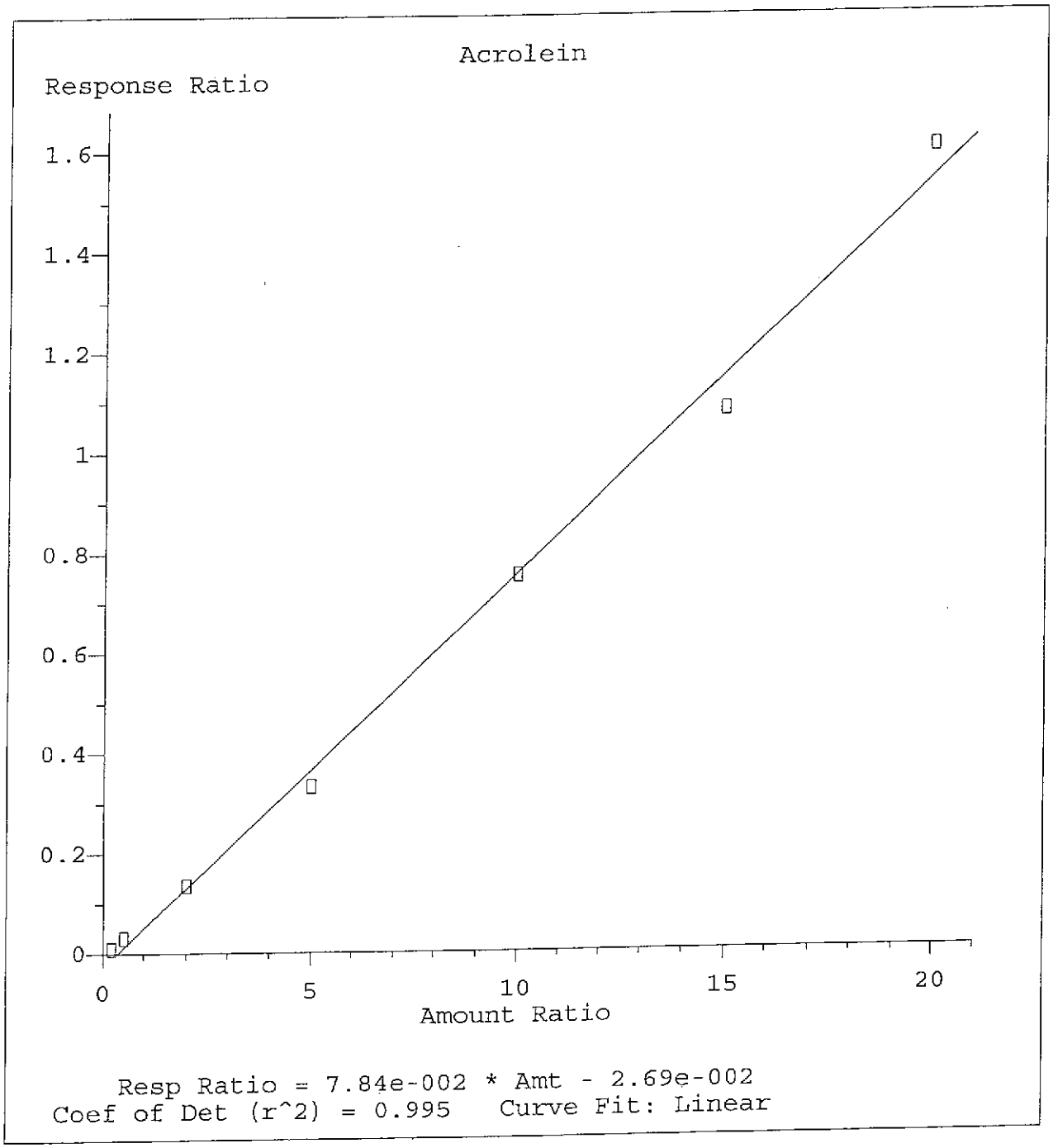
Calibration Files
200 =J4296.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.436		
45)		1,1,2-Trichloroetha	0.220		
46)		2-Hexanone	0.264		
47)		1,2-Dibromoethane	0.256		
48)	I	Chlorobenzene-d5	----------ISTD-----		
49)		1,3-Dichloropropane	1.012		
50)		Dibromochloromethan	0.678		
51)		Tetrachloroethene	0.669		
52)		1-Chlorohexane	0.819		
53)		1,1,1,2-Tetrachloro	0.615		
54)	PM	Chlorobenzene	1.448		
55)	CP	Ethylbenzene	1.917		
56)		(m+p)-Xylene	0.831		
57)		o-Xylene	1.049		
58)		Styrene	1.477		
59)	P	Bromoform	0.500		
60)	S	Bromofluorobenzene	0.794		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----		
62)		trans-1,4-Dichloro-	0.251		
63)	P	1,1,2,2-Tetrachloro	1.101		
64)		Isopropylbenzene	2.425		
65)		1,2,3-Trichloroprop	0.989		
66)		Bromobenzene	1.014		
67)		n-Propylbenzene	2.597		
68)		2-Chlorotoluene	2.331		
69)		4-Chlorotoluene	1.968		
70)		1,3,5-Trimethylbenz	2.133		
71)		tert-Butylbenzene	2.057		
72)		1,2,4-Trimethylbenz	2.033		
73)		sec-Butylbenzene	2.447		
74)		1,3-Dichlorobenzene	1.457		
75)		p-Isopropyltoluene	2.164		
76)		1,4-Dichlorobenzene	1.434		
77)		n-Butylbenzene	1.942		
78)		1,2-Dichlorobenzene	1.440		
79)		1,2-Dibromo-3-chlor	0.201		
80)		1,2,4-Trichlorobenz	0.676		
81)		Hexachlorobutadiene	0.477		
82)		Naphthalene	1.379		
83)		1,2,3-Trichlorobenz	0.654		

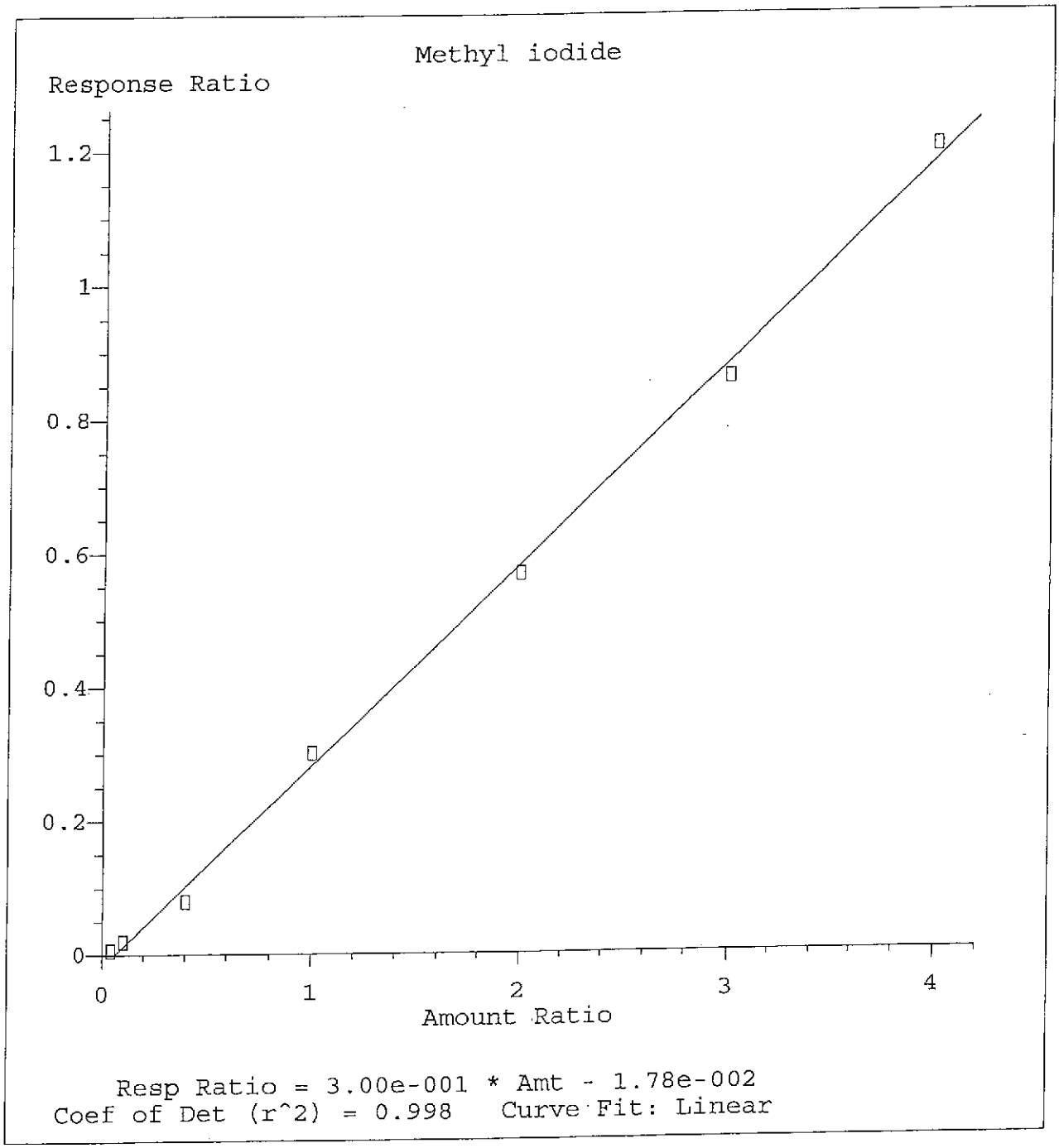
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J914VOCS.M Wed Sep 19 09:34:51 2007 Pa



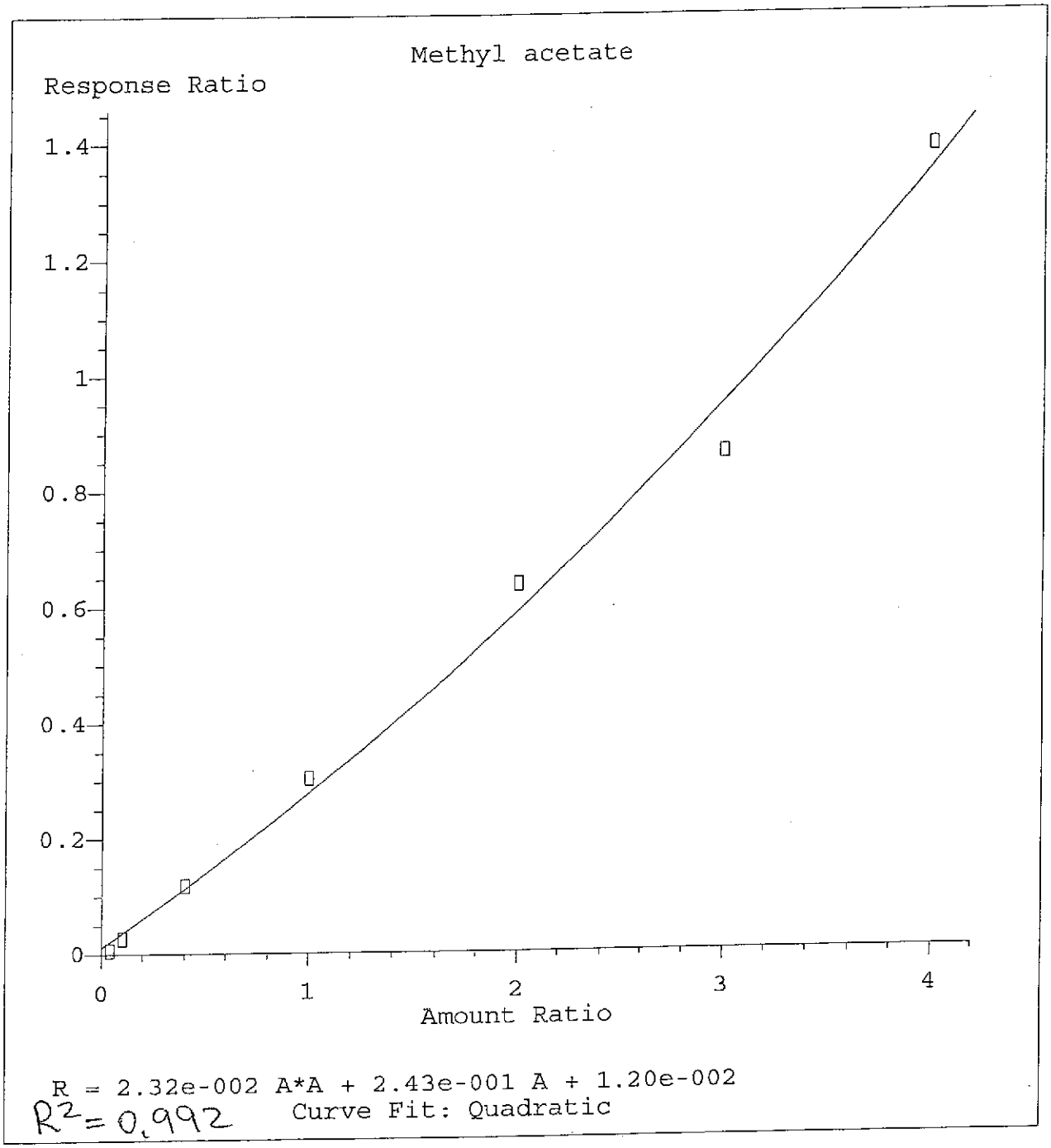
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:18:58 2007



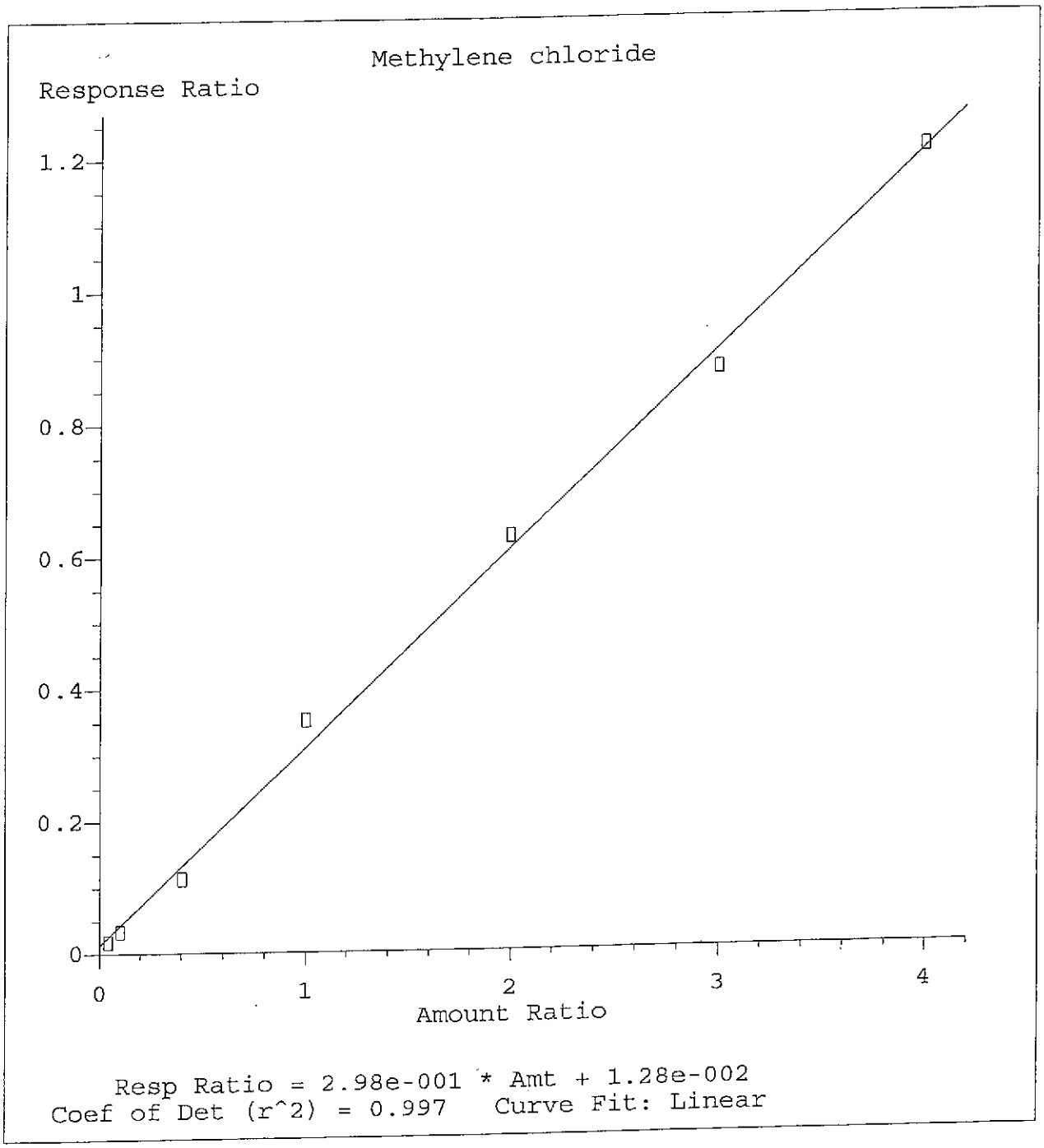
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:25:40 2007



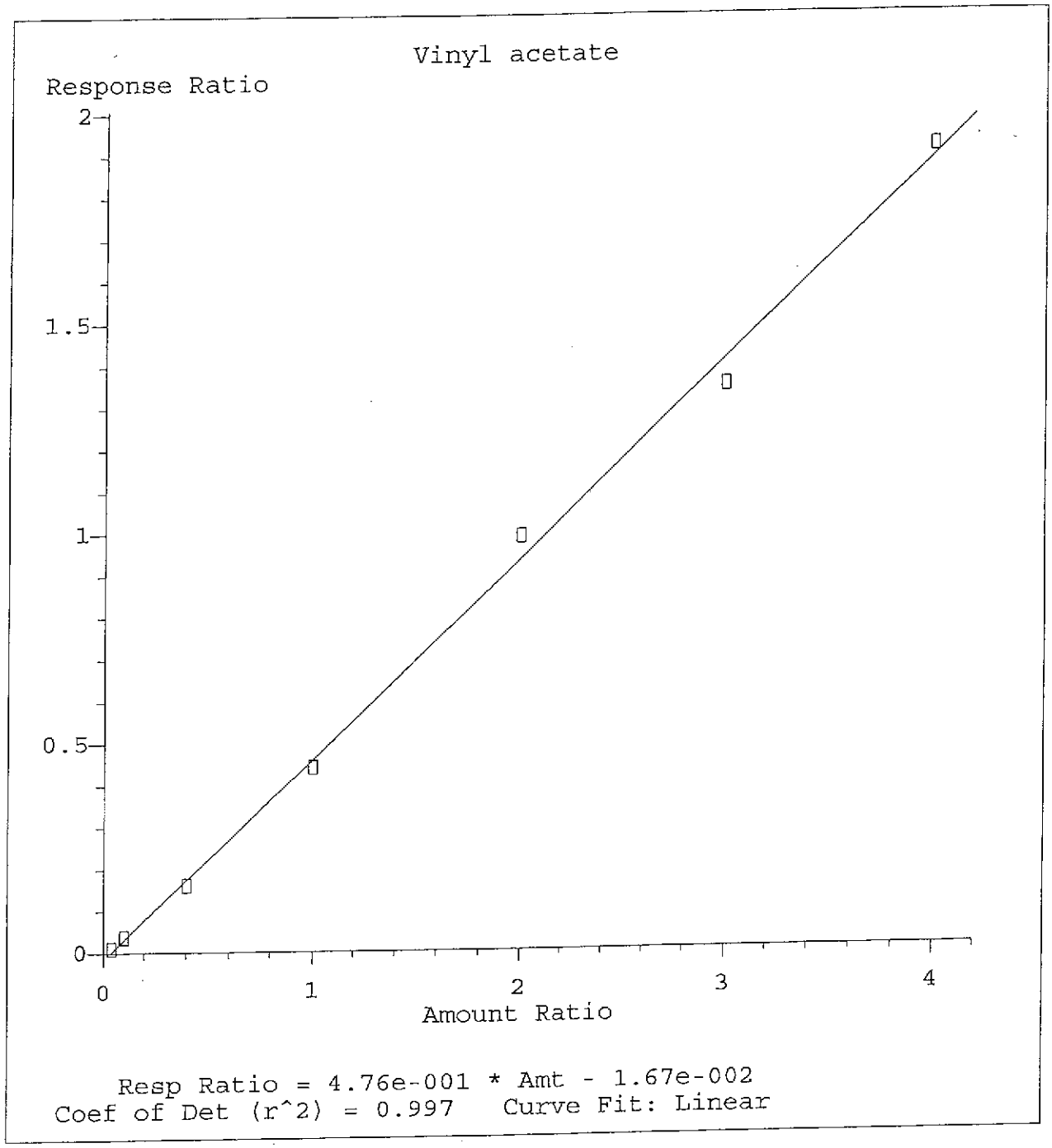
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Wed Sep 19 09:17:37 2007



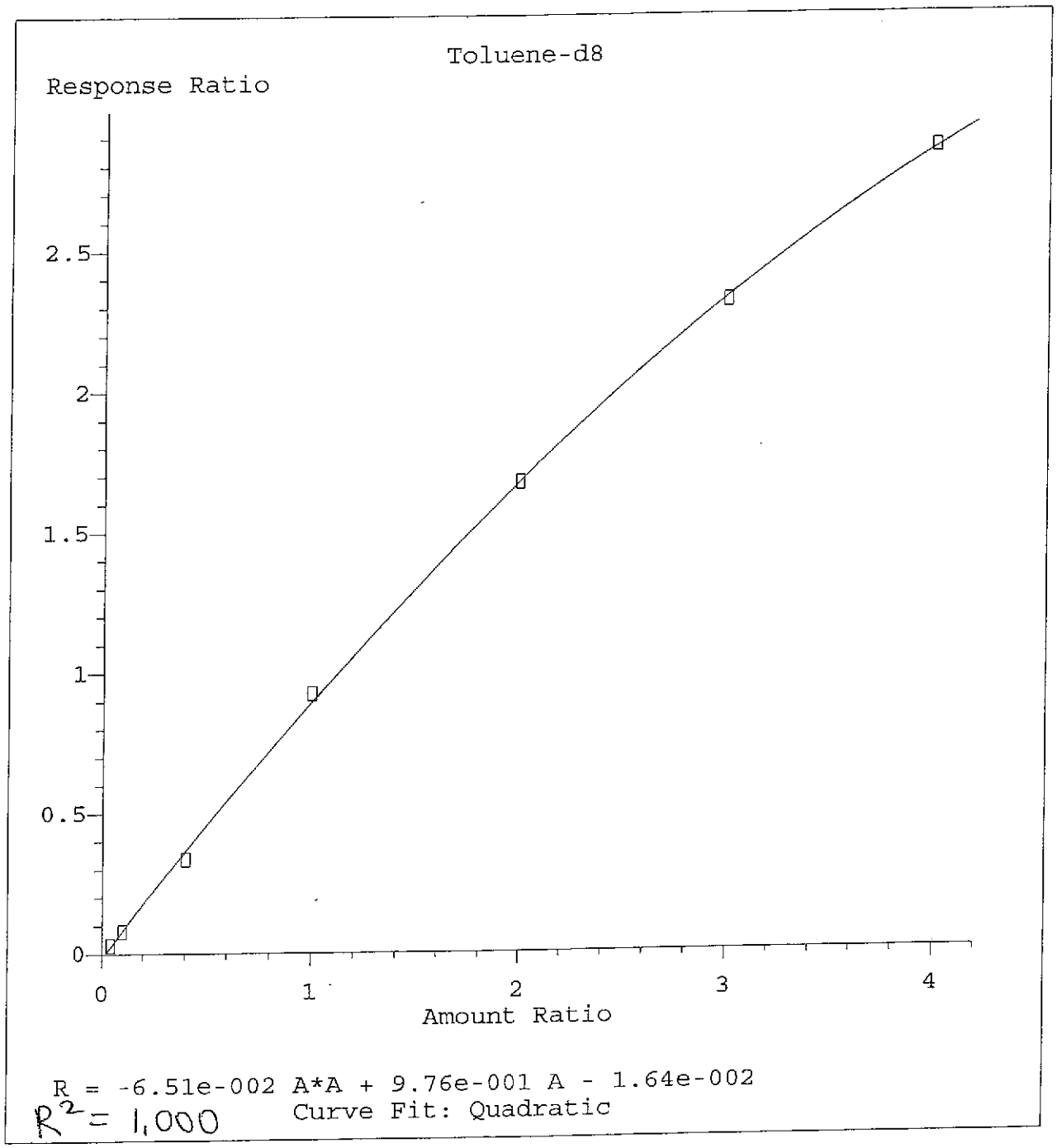
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:26:21 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:26:57 2007



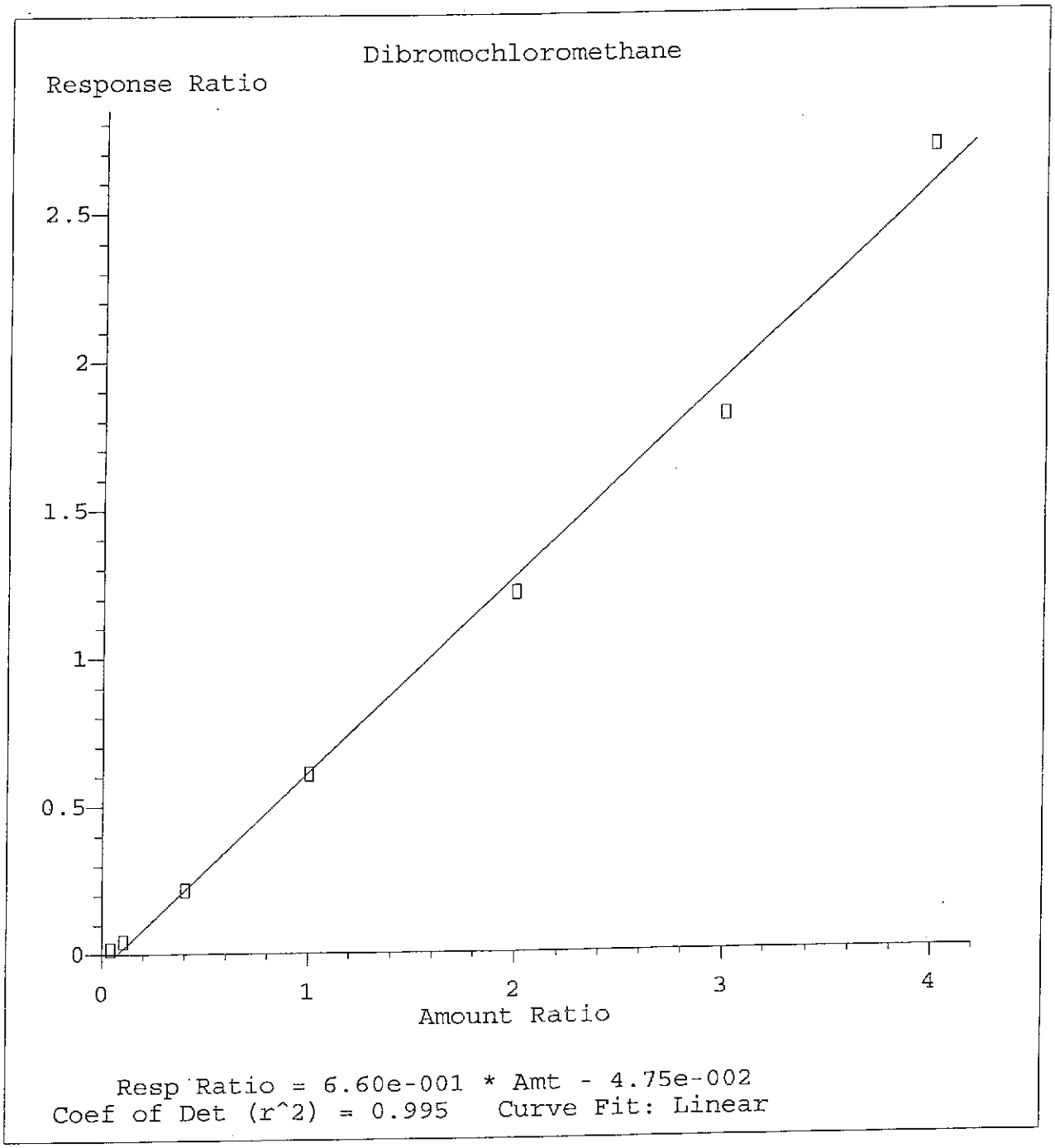
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:27:31 2007



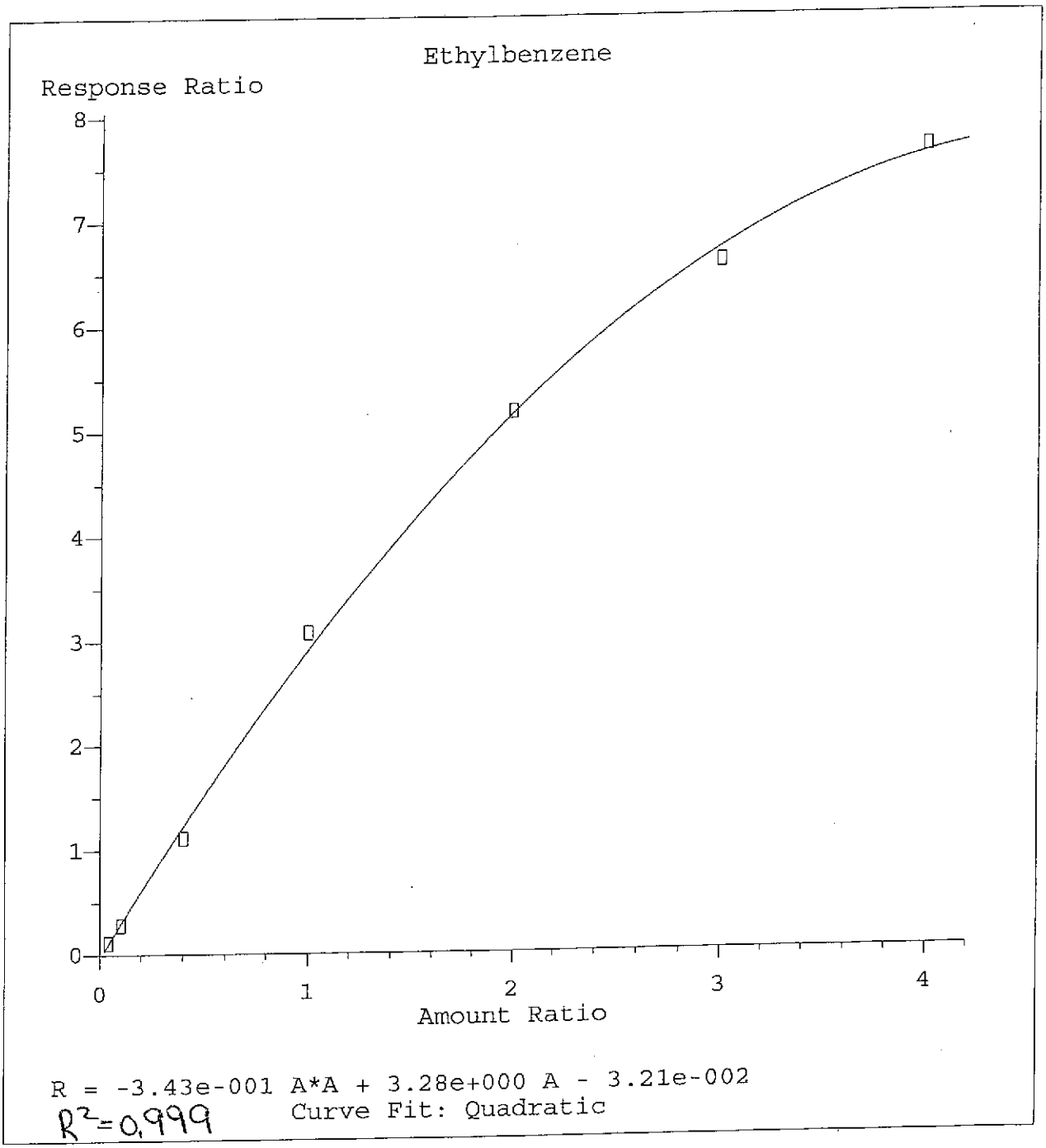
$R^2 = 1.000$

ABM 9-18-07

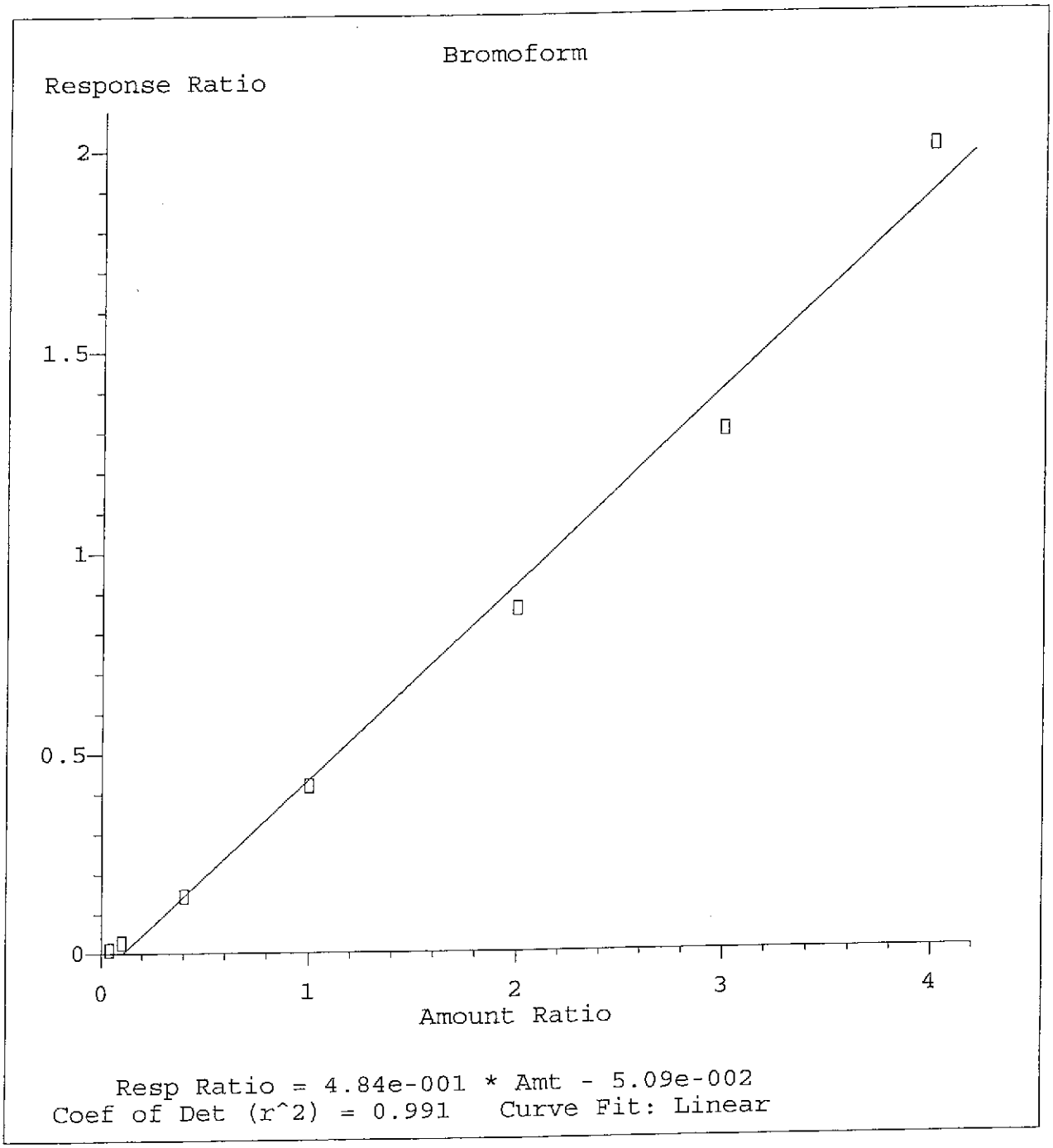
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Tue Sep 18 14:34:57 2007



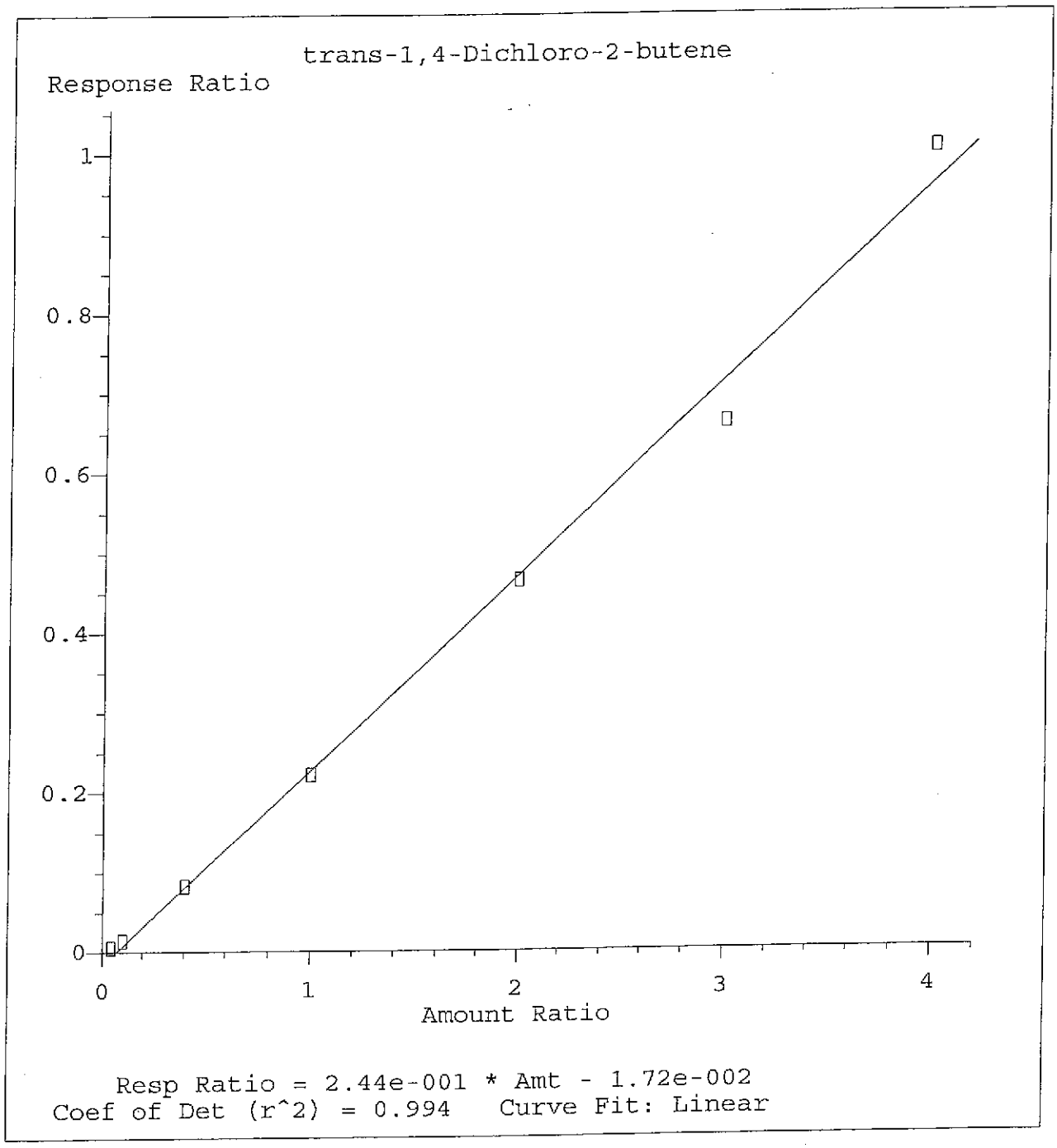
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:28:00 2007



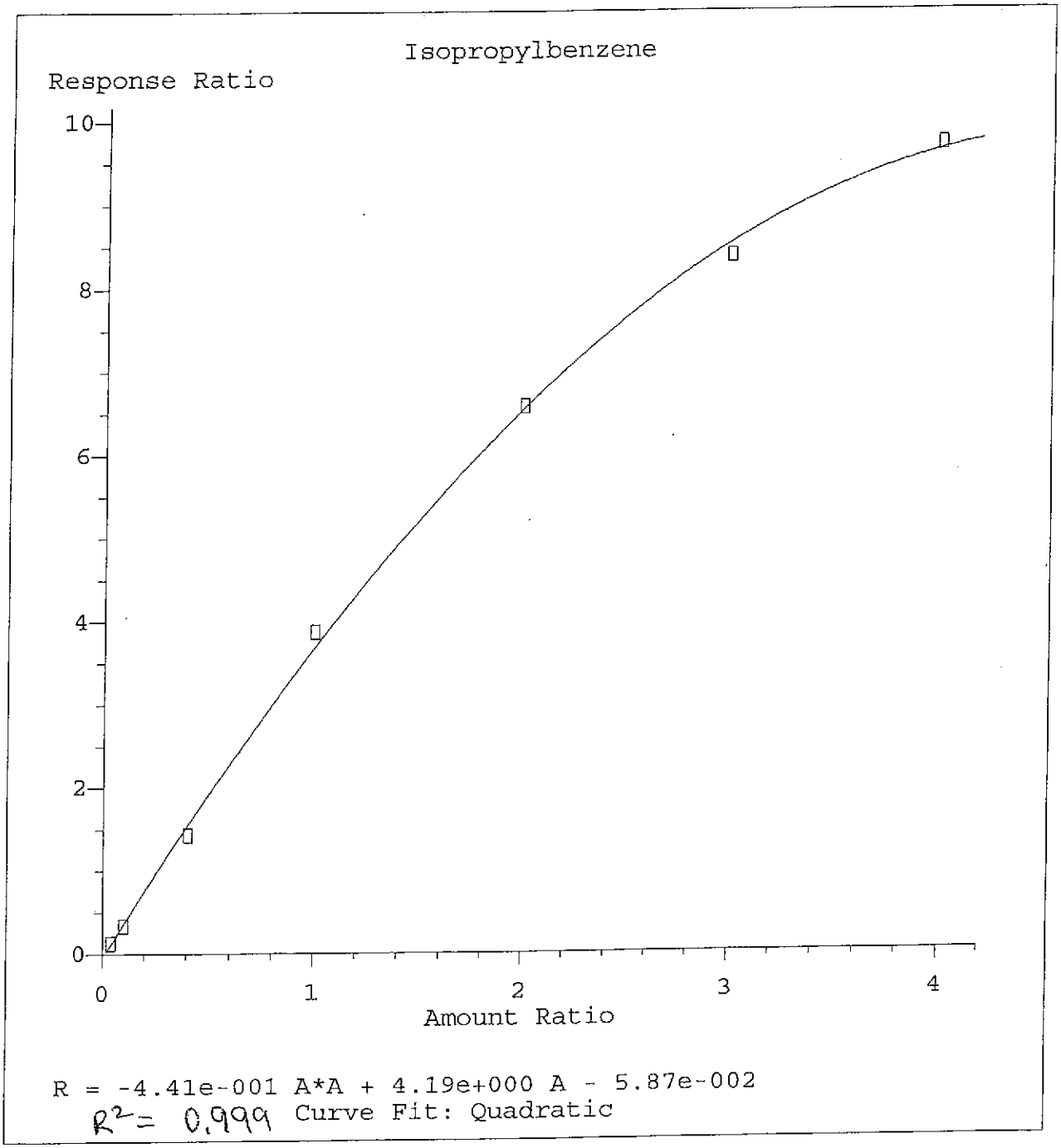
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:29:06 2007



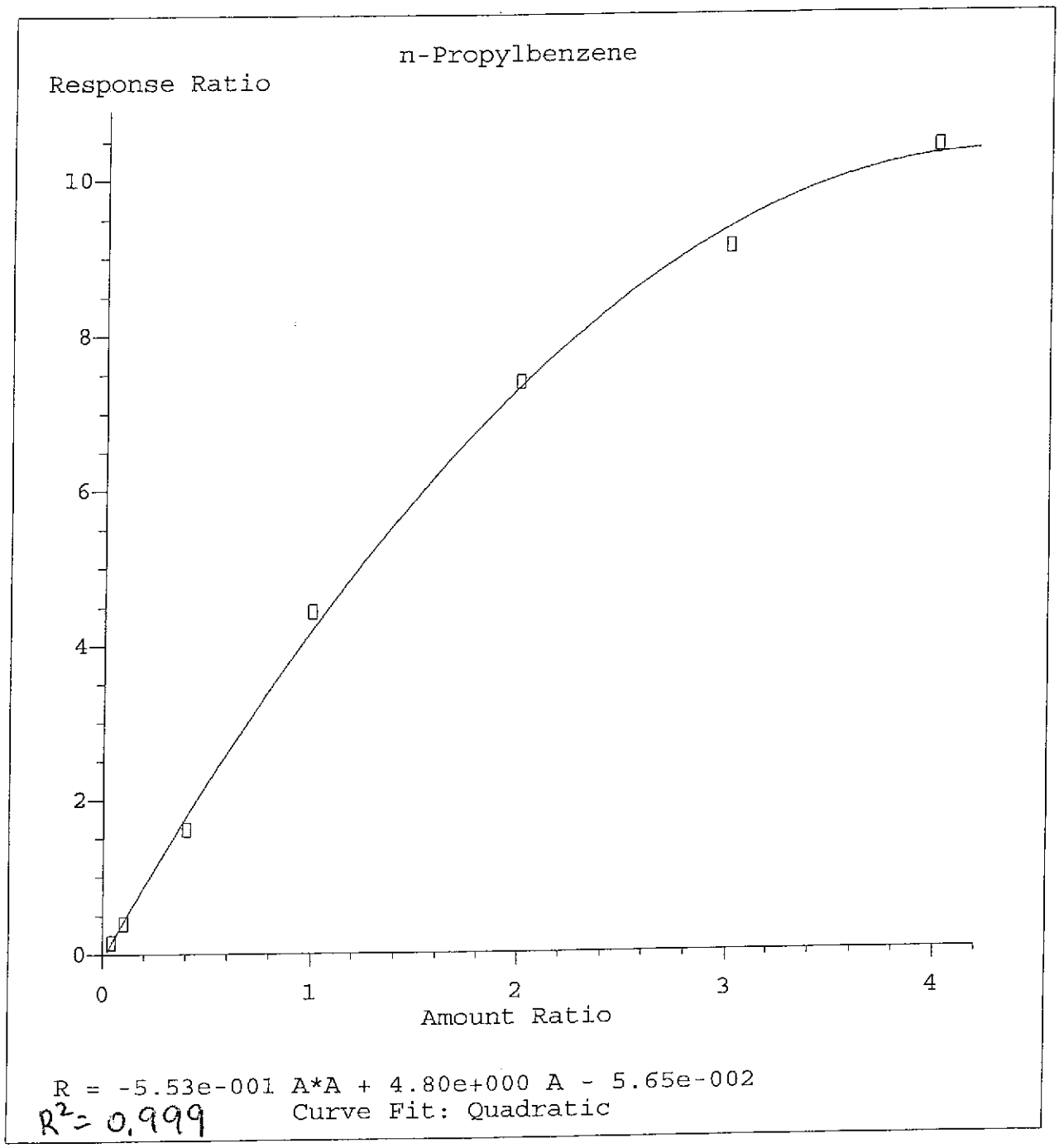
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:30:32 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:31:54 2007

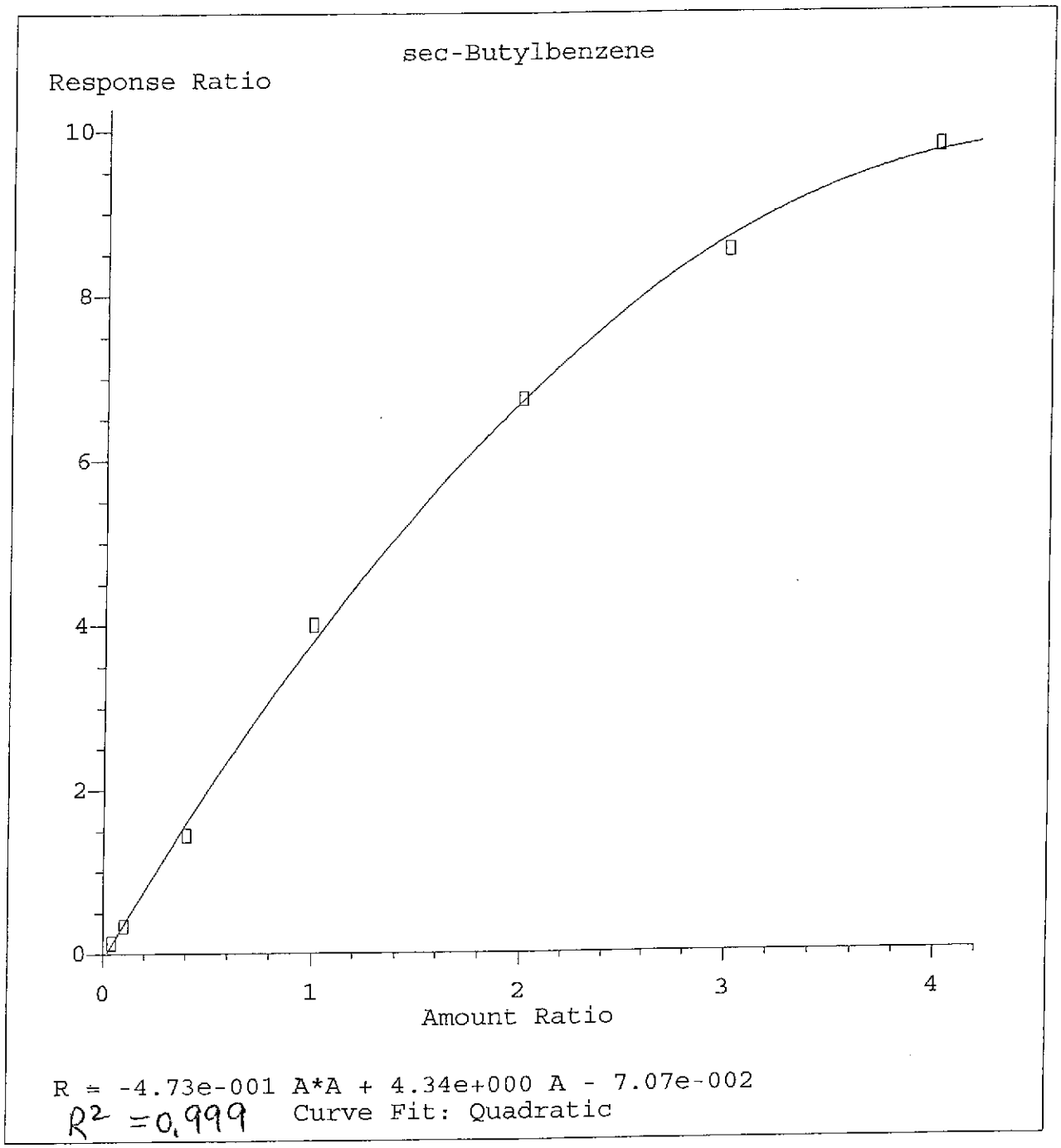


Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:45:12 2007

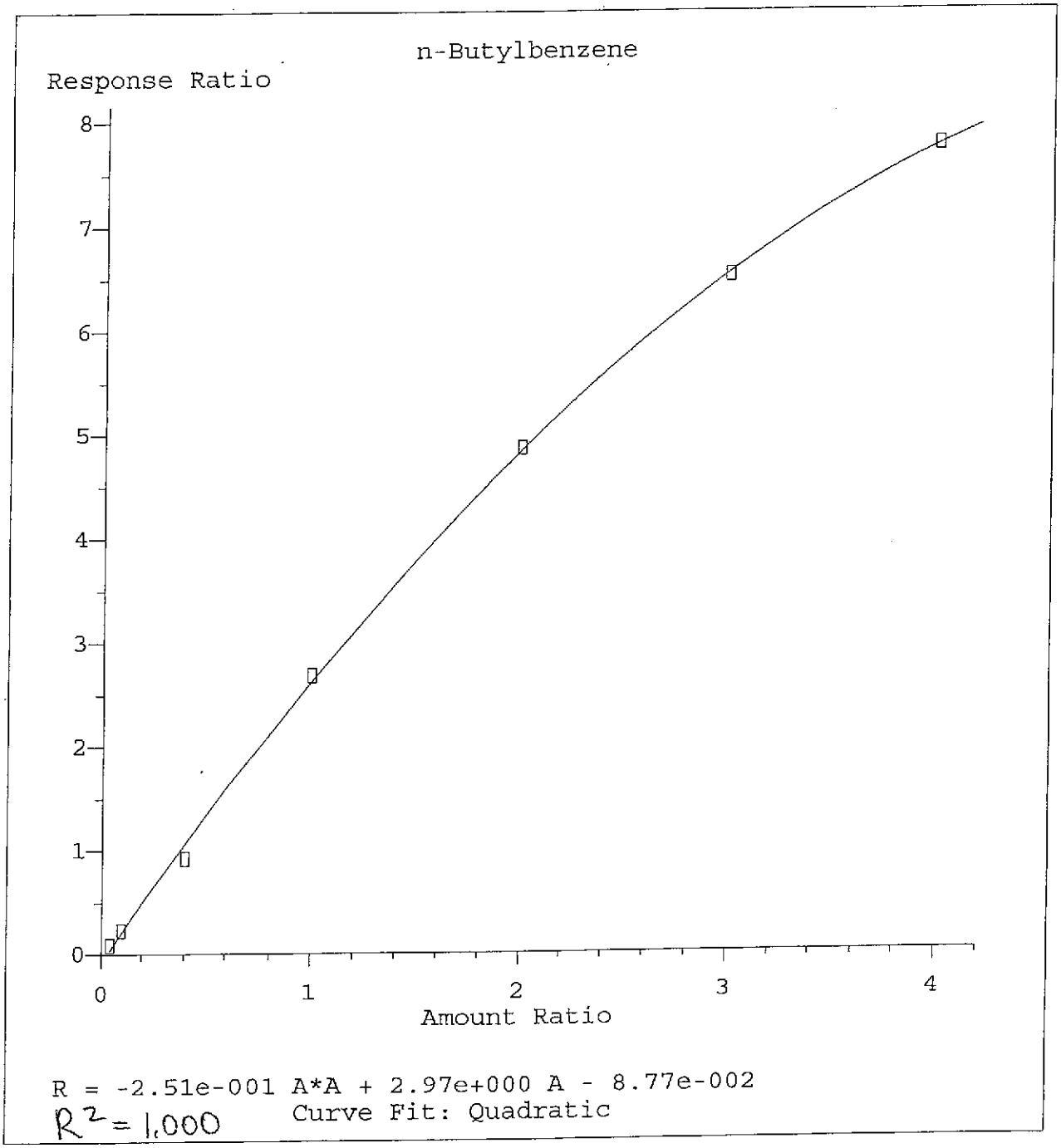


$R^2 = 0.999$

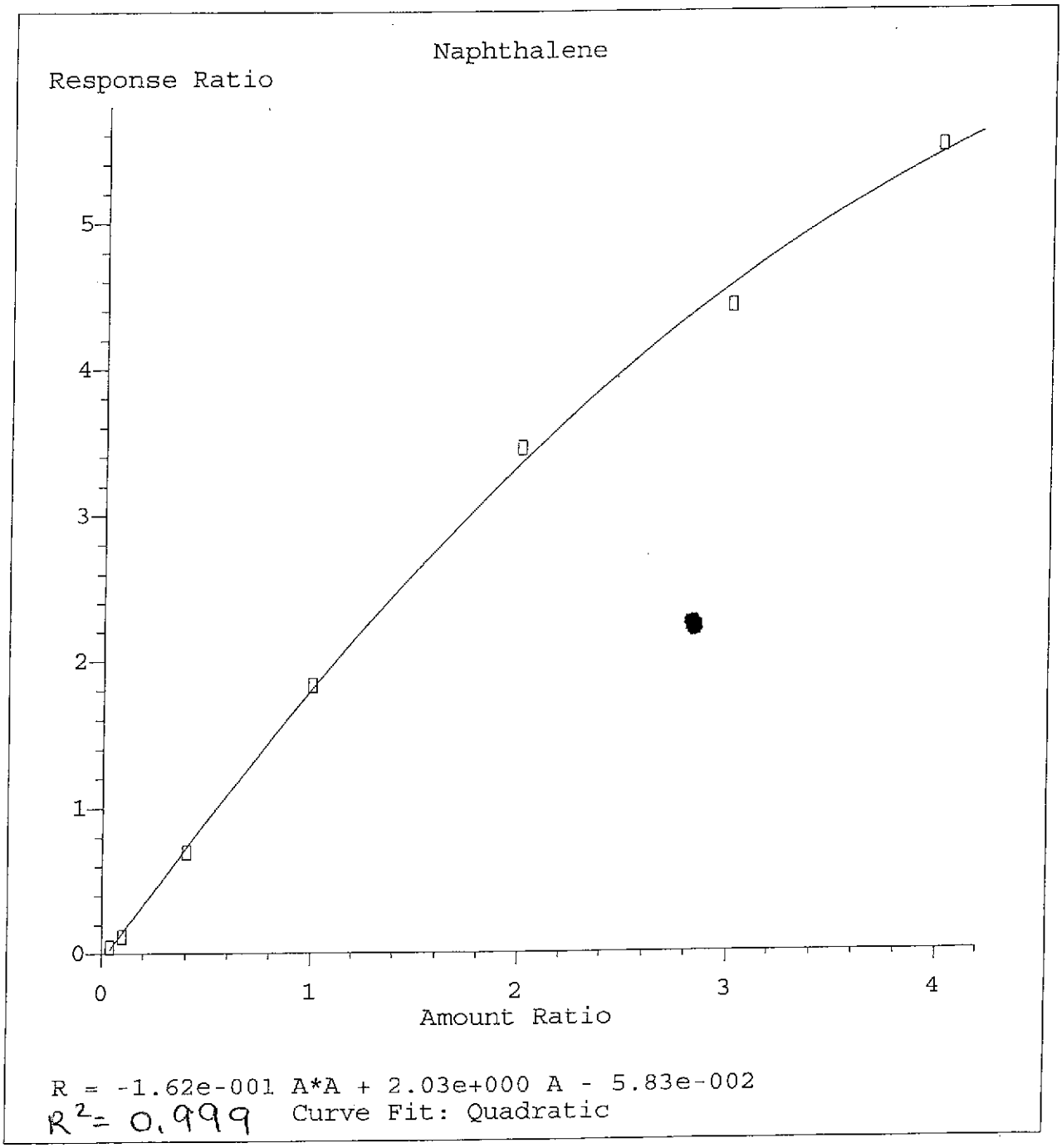
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:32:44 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:38:53 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:54:50 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:44:41 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 25-SEP-07

Initial Calibration ID: 1060

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

ICAL #1060

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.511	0.418	0.389	0.526	0.504	0.514	0.478	11.09
3)	P	Chloromethane	0.607	0.543	0.501	0.602	0.579	0.600	0.570	6.80
4)	CP	Vinyl chloride	0.499	0.448	0.407	0.535	0.521	0.541	0.494	9.94
5)		Bromomethane	0.401	0.361	0.257	0.315	0.324	0.354	0.336	13.33
6)		Chloroethane	0.419	0.360	0.322	0.384	0.371	0.378	0.370	7.99
7)		Trichlorofluorometh	0.595	0.561	0.506	0.663	0.673	0.639	0.605	9.80
8)		Acetone		0.076	0.058	0.058	0.060	0.058	0.061	11.58
9)		Acrolein	0.034	0.031	0.027	0.030	0.034	0.031	0.031	7.99
10)	CPM	1,1-Dichloroethene	0.187	0.173	0.167	0.207	0.215	0.207	0.195	9.75
11)		Methyl iodide	0.201	0.174	0.190	0.257	0.258	0.270	0.232	18.22
12)		1,1,2-Trichloro-1,2	0.236	0.209	0.210	0.257	0.266	0.254	0.241	9.59
13)		Methyl acetate	0.190	0.177	0.175	0.187	0.205	0.186	0.186	5.33
14)		Acrylonitrile	0.067	0.071	0.067	0.073	0.077	0.071	0.070	5.29
15)		Methylene chloride	0.553	0.441	0.297	0.285	0.277	0.268	0.341	32.61
16)		Carbon disulfide	0.939	0.821	0.780	1.001	0.974	0.936	0.901	9.23
17)		trans-1,2-Dichloroe	0.240	0.223	0.211	0.256	0.272	0.256	0.245	8.78
18)		Methyl tert-Butyl e	0.526	0.576	0.529	0.636	0.678	0.633	0.600	9.57
19)	P	1,1-Dichloroethane	0.484	0.473	0.429	0.510	0.522	0.490	0.483	6.20
20)		Vinyl acetate	0.262	0.252	0.259	0.313	0.343	0.352	0.303	14.71
21)		2-Butanone	0.094	0.098	0.086	0.096	0.100	0.097	0.095	4.68
22)		cis-1,2-Dichloroeth	0.260	0.258	0.237	0.281	0.298	0.280	0.270	7.40
23)		Bromochloromethane	0.120	0.132	0.110	0.122	0.127	0.126	0.123	5.87
24)	CP	Chloroform	0.498	0.440	0.408	0.485	0.496	0.465	0.463	7.15
25)		2,2-Dichloropropane	0.337	0.293	0.286	0.388	0.407	0.414	0.362	15.43
26)		Cyclohexane	0.455	0.408	0.399	0.566	0.574	0.561	0.502	15.63
27)	S	Dibromofluoromethan	0.224	0.207	0.184	0.225	0.235	0.225	0.218	7.88
28)	S	1,2-Dichloroethane-	0.283	0.273	0.255	0.292	0.302	0.278	0.280	5.33
29)		1,2-Dichloroethane	0.338	0.329	0.306	0.348	0.357	0.332	0.334	4.89
30)		1,1,1-Trichloroetha	0.394	0.347	0.323	0.428	0.436	0.426	0.397	11.29
31)		1,1-Dichloropropene	0.326	0.303	0.293	0.386	0.396	0.390	0.355	12.77
32)		Carbon tetrachlorid	0.272	0.239	0.234	0.314	0.334	0.335	0.295	15.55
33)	M	Benzene	1.097	1.018	0.975	1.196	1.161	1.104	1.085	7.25
34)	M	Trichloroethene	0.286	0.248	0.230	0.293	0.303	0.302	0.281	10.59
35)		Dibromomethane	0.148	0.126	0.130	0.143	0.151	0.144	0.141	6.66
36)		Methylcyclohexane	0.391	0.357	0.370	0.496	0.506	0.500	0.446	15.59
37)	CP	1,2-Dichloropropane	0.276	0.274	0.246	0.291	0.302	0.296	0.283	6.85
38)		Bromodichloromethan	0.296	0.263	0.276	0.339	0.352	0.344	0.316	11.64
39)		2-Chloroethylvinyl	0.070	0.081	0.078	0.110	0.120	0.113	0.096	20.42
40)		4-Methyl-2-pentanon			0.175	0.213	0.220	0.228	0.212	10.09
41)		cis-1,3-Dichloropro	0.344	0.334	0.313	0.419	0.441	0.439	0.389	14.45
42)	S	Toluene-d8	0.886	0.816	0.793	1.019	0.991	0.995	0.923	9.89
43)	CPM	Toluene	0.610	0.610	0.608	0.781	0.770	0.786	0.705	12.76

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.236	0.247	0.255	0.341	0.367	0.374	0.315	20.80
45)		1,1,2-Trichloroetha	0.174	0.162	0.152	0.178	0.185	0.177	0.172	6.60
46)		2-Hexanone			0.107	0.140	0.146	0.156	0.141	14.35
47)	I	Chlorobenzene-d5	ISTD							
48)		1,2-Dibromoethane	0.401	0.378	0.353	0.410	0.425	0.401	0.398	6.20
49)		1,3-Dichloropropane	0.812	0.758	0.744	0.835	0.859	0.798	0.801	5.05
50)		Dibromochloromethan	0.378	0.368	0.368	0.453	0.494	0.476	0.433	13.66
51)		Tetrachloroethene	0.677	0.523	0.488	0.597	0.598	0.585	0.581	10.51
52)		1-Chlorohexane	0.589	0.577	0.608	0.860	0.837	0.842	0.739	18.73
53)		1,1,1,2-Tetrachloro	0.451	0.446	0.387	0.481	0.515	0.495	0.469	9.67
54)	PM	Chlorobenzene	1.679	1.625	1.476	1.769	1.741	1.688	1.661	5.75
55)	CP	Ethylbenzene	3.142	2.894	2.655	3.332	3.219	2.966	2.990	8.48
56)		(m+p)-Xylene	0.918	0.868	0.880	1.122	1.108	1.062	1.003	11.01
57)		o-Xylene	0.864	0.803	0.820	1.070	1.065	1.040	0.961	13.04
58)		Styrene	1.137	1.042	1.235	1.738	1.764	1.709	1.479	21.91
59)	P	Bromoform	0.188	0.200	0.174	0.245	0.267	0.277	0.235	20.11
60)	S	Bromofluorobenzene	0.884	0.628	0.602	0.777	0.776	0.755	0.742	13.03
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.091	0.073	0.076	0.120	0.139	0.153	0.116	30.76
63)	P	1,1,2,2-Tetrachloro	0.986	0.986	0.909	0.916	0.892	0.901	0.923	4.91
64)		Isopropylbenzene	4.545	4.223	3.915	4.692	4.524	4.125	4.246	8.55
65)		1,2,3-Trichloroprop	0.804	0.846	0.714	0.757	0.695	0.749	0.758	6.83
66)		Bromobenzene	1.129	1.054	0.935	1.090	1.094	1.095	1.072	6.04
67)		n-Propylbenzene	4.789	4.551	4.329	5.168	4.955	4.423	4.590	9.15
68)		2-Chlorotoluene	3.484	3.319	3.047	3.551	3.473	3.290	3.323	5.88
69)		4-Chlorotoluene	2.653	2.717	2.484	2.927	2.882	2.722	2.710	5.75
70)		1,3,5-Trimethylbenz	2.753	2.693	2.697	3.254	3.150	2.915	2.884	8.03
71)		tert-Butylbenzene	2.677	2.562	2.439	2.869	2.787	2.654	2.644	5.69
72)		1,2,4-Trimethylbenz	2.551	2.287	2.457	2.939	2.847	2.632	2.592	8.98
73)		sec-Butylbenzene	3.791	3.581	3.659	4.335	4.051	3.631	3.754	9.46
74)		1,3-Dichlorobenzene	1.658	1.542	1.448	1.734	1.733	1.691	1.638	6.47
75)		p-Isopropyltoluene	2.453	2.496	2.554	3.241	3.140	2.911	2.778	11.51
76)		1,4-Dichlorobenzene	1.615	1.646	1.404	1.653	1.636	1.598	1.591	5.42
77)		n-Butylbenzene	1.861	1.749	1.974	2.823	2.749	2.546	2.288	19.04
78)		1,2-Dichlorobenzene	1.453	1.442	1.400	1.623	1.615	1.563	1.519	5.81
79)		1,2-Dibromo-3-chlor	0.092	0.086	0.097	0.128	0.135	0.140	0.117	21.01
80)		1,2,4-Trichlorobenz	0.213	0.195	0.400	0.742	0.833	0.847	0.580	51.73
81)		Hexachlorobutadiene	0.317	0.344	0.403	0.515	0.521	0.537	0.456	21.64
82)		Naphthalene	0.388	0.387	0.510	1.348	1.564	1.524	1.021	54.87
83)		1,2,3-Trichlorobenz	0.184	0.162	0.423	0.753	0.827	0.824	0.569	53.65

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.483		
3)	P	Chloromethane	0.557		
4)	CP	Vinyl chloride	0.508		
5)		Bromomethane	0.342		
6)		Chloroethane	0.355		
7)		Trichlorofluorometh	0.599		
8)		Acetone	0.057		
9)		Acrolein	0.031		
10)	CPM	1,1-Dichloroethene	0.206		
11)		Methyl iodide	0.275		
12)		1,1,2-Trichloro-1,2	0.255		
13)		Methyl acetate	0.184		
14)		Acrylonitrile	0.068		
15)		Methylene chloride	0.269		
16)		Carbon disulfide	0.852		
17)		trans-1,2-Dichloroe	0.255		
)		Methyl tert-Butyl e	0.618		
19)	P	1,1-Dichloroethane	0.474		
20)		Vinyl acetate	0.342		
21)		2-Butanone	0.095		
22)		cis-1,2-Dichloroeth	0.278		
23)		Bromochloromethane	0.127		
24)	CP	Chloroform	0.448		
25)		2,2-Dichloropropane	0.409		
26)		Cyclohexane	0.554		
27)	S	Dibromofluoromethan	0.226		
28)	S	1,2-Dichloroethane-	0.277		
29)		1,2-Dichloroethane	0.327		
30)		1,1,1-Trichloroetha	0.422		
31)		1,1-Dichloropropene	0.387		
32)		Carbon tetrachlorid	0.338		
33)	M	Benzene	1.041		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.144		
36)		Methylcyclohexane	0.503		
37)	CP	1,2-Dichloropropane	0.296		
38)		Bromodichloromethan	0.341		
39)		2-Chloroethylvinyl	0.101		
40)		4-Methyl-2-pentanon	0.224		
41)		cis-1,3-Dichloropro	0.434		
42)	S	Toluene-d8	0.960		
)	CPM	Toluene	0.771		

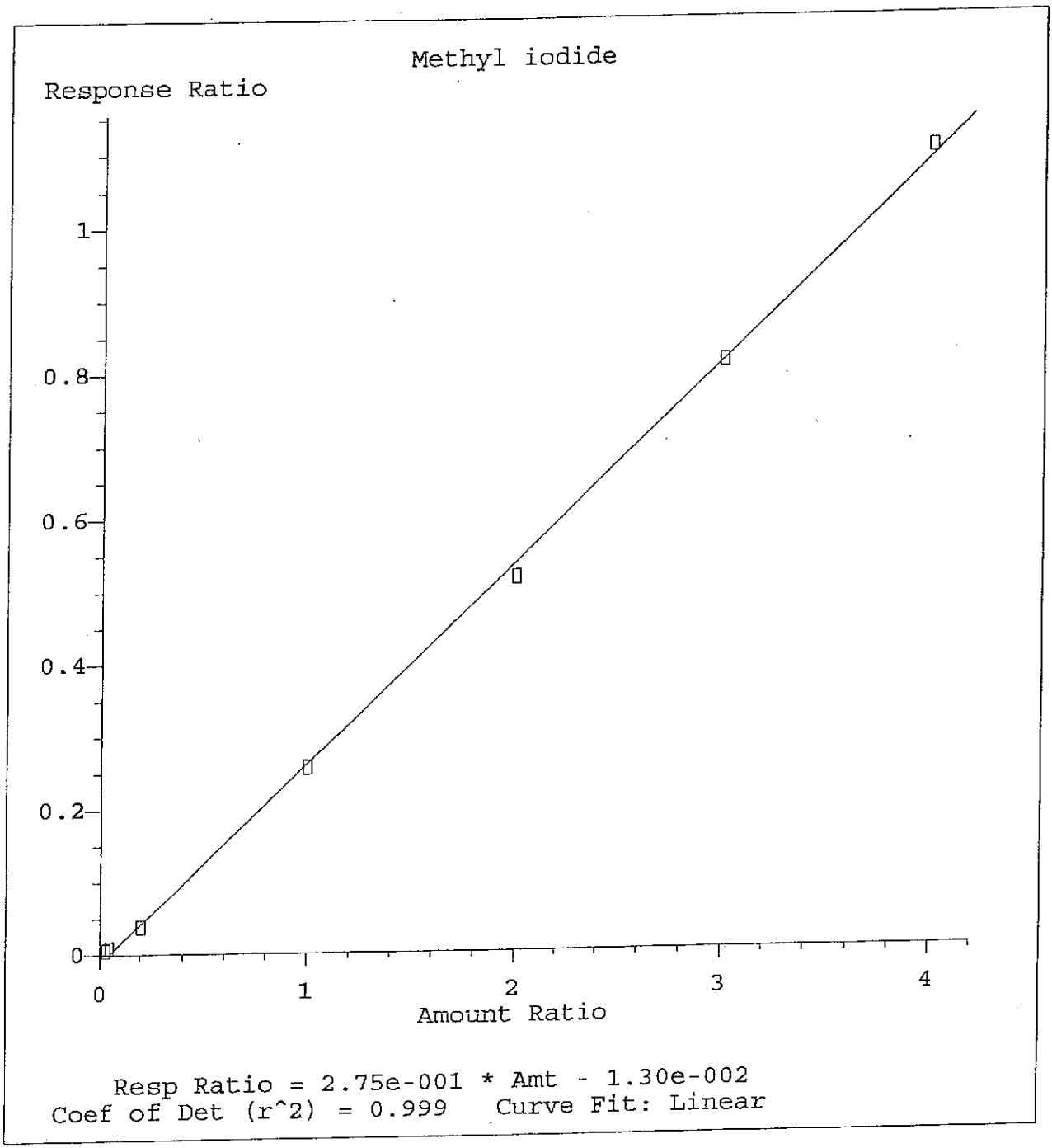
(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

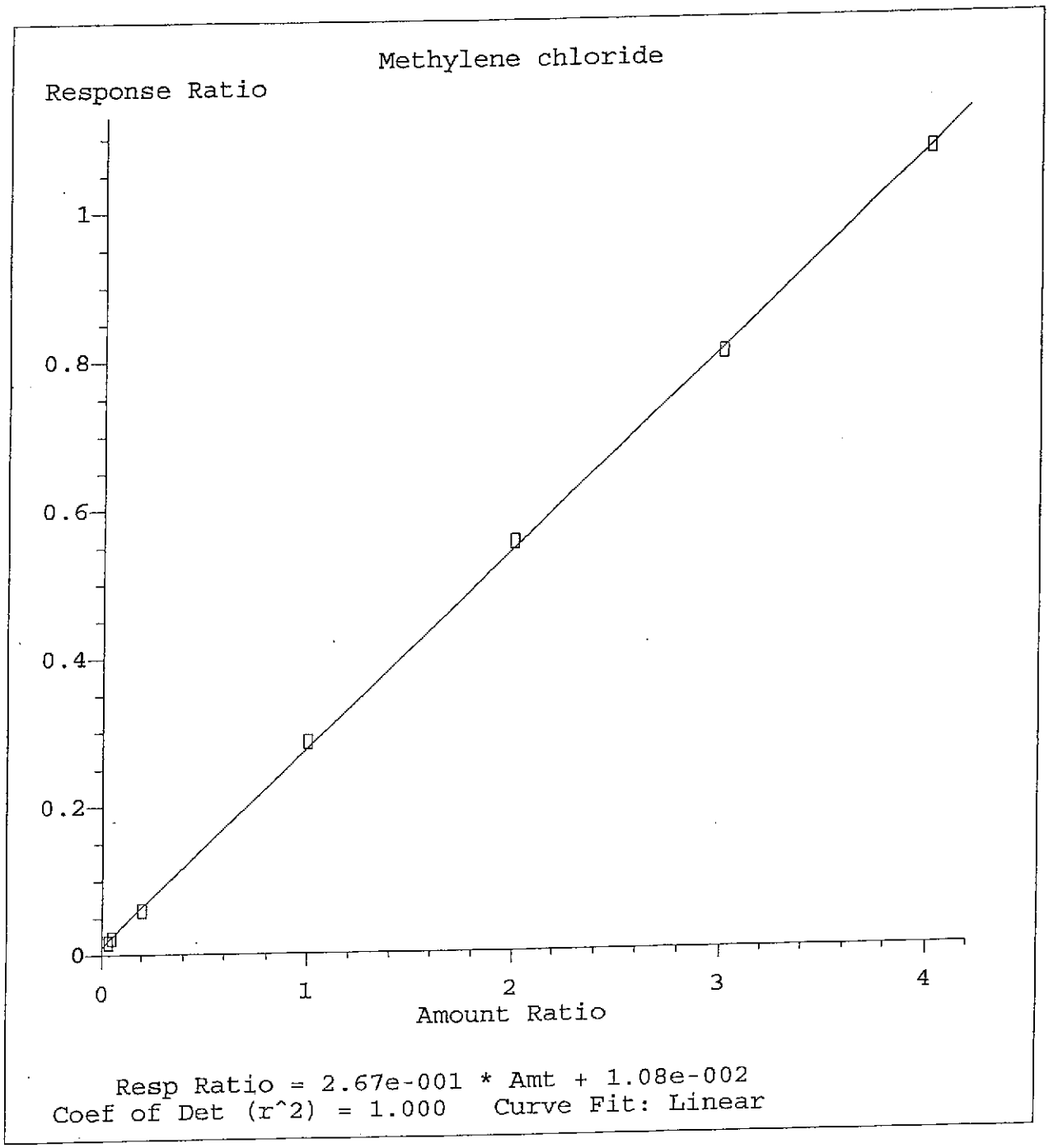
Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.381		
45)		1,1,2-Trichloroetha	0.179		
46)		2-Hexanone	0.155		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.416		
49)		1,3-Dichloropropane	0.797		
50)		Dibromochloromethan	0.492		
51)		Tetrachloroethene	0.602		
52)		1-Chlorohexane	0.859		
53)		1,1,1,2-Tetrachloro	0.512		
54)	PM	Chlorobenzene	1.649		
55)	CP	Ethylbenzene	2.722		
56)		(m+p)-Xylene	1.064		
57)		o-Xylene	1.066		
58)		Styrene	1.726		
59)	P	Bromoform	0.293		
60)	S	Bromofluorobenzene	0.772		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.156		
63)	P	1,1,2,2-Tetrachloro	0.871		
64)		Isopropylbenzene	3.698		
65)		1,2,3-Trichloroprop	0.740		
66)		Bromobenzene	1.110		
67)		n-Propylbenzene	3.916		
68)		2-Chlorotoluene	3.095		
69)		4-Chlorotoluene	2.588		
70)		1,3,5-Trimethylbenz	2.726		
71)		tert-Butylbenzene	2.523		
72)		1,2,4-Trimethylbenz	2.434		
73)		sec-Butylbenzene	3.229		
74)		1,3-Dichlorobenzene	1.658		
75)		p-Isopropyltoluene	2.653		
76)		1,4-Dichlorobenzene	1.582		
77)		n-Butylbenzene	2.316		
78)		1,2-Dichlorobenzene	1.540		
79)		1,2-Dibromo-3-chlor	0.144		
80)		1,2,4-Trichlorobenz	0.830		
81)		Hexachlorobutadiene	0.551		
82)		Naphthalene	1.427		
83)		1,2,3-Trichlorobenz	0.812		

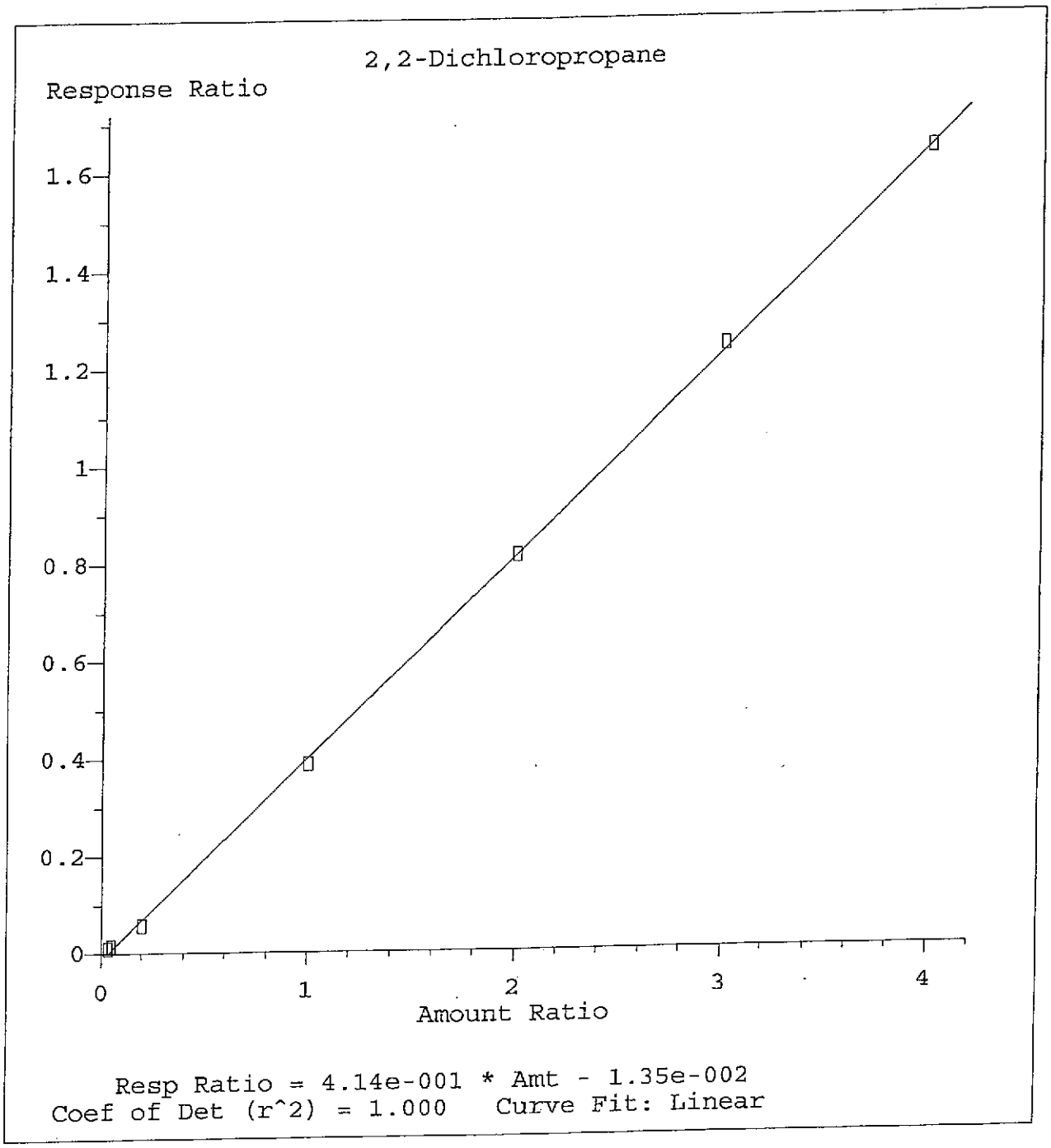
(#) = Out of Range ### Number of calibration levels exceeded format ###



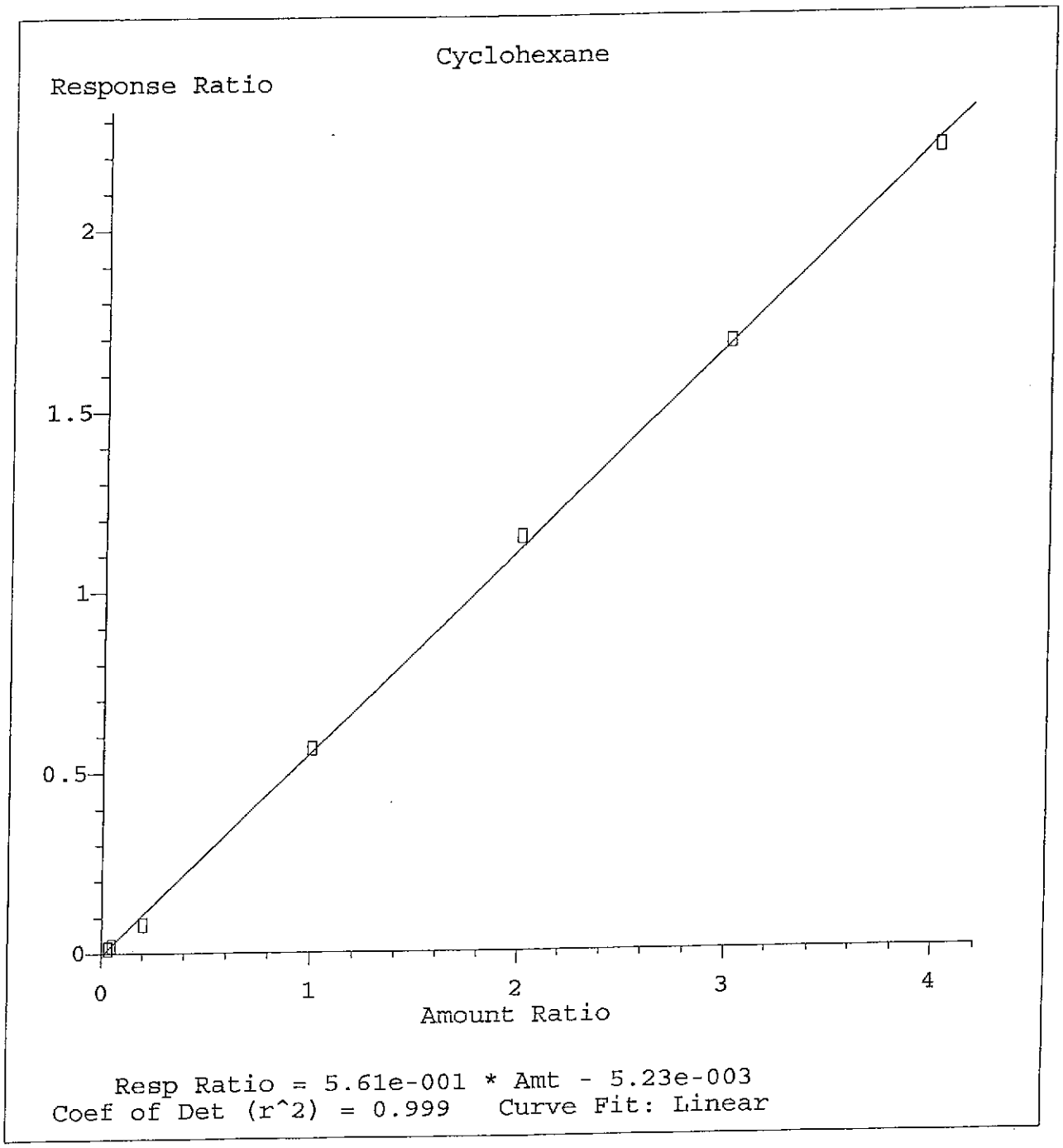
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:20:54 2007



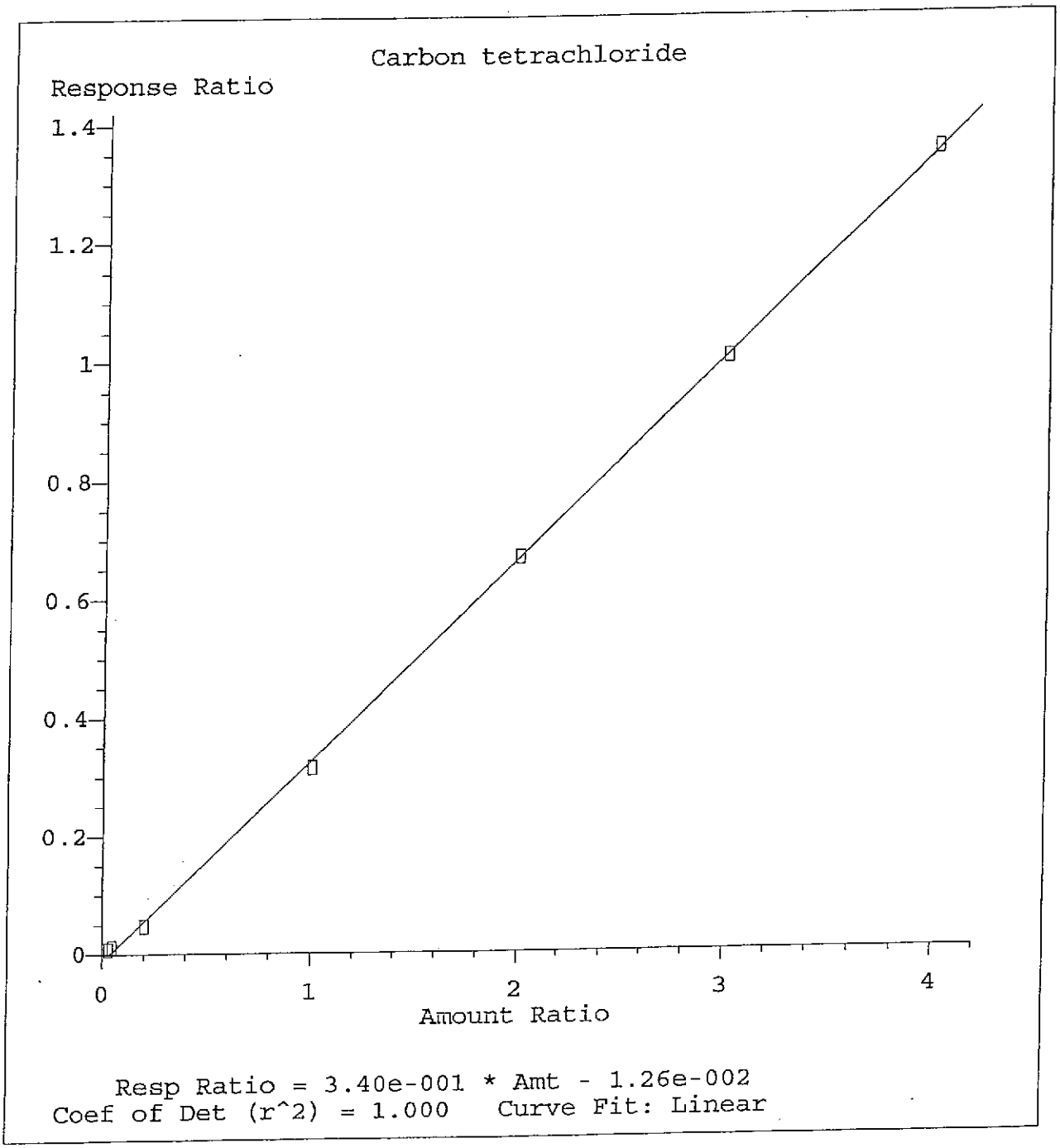
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Calibration Table Last Updated: Wed Sep 26 06:21:32 2007



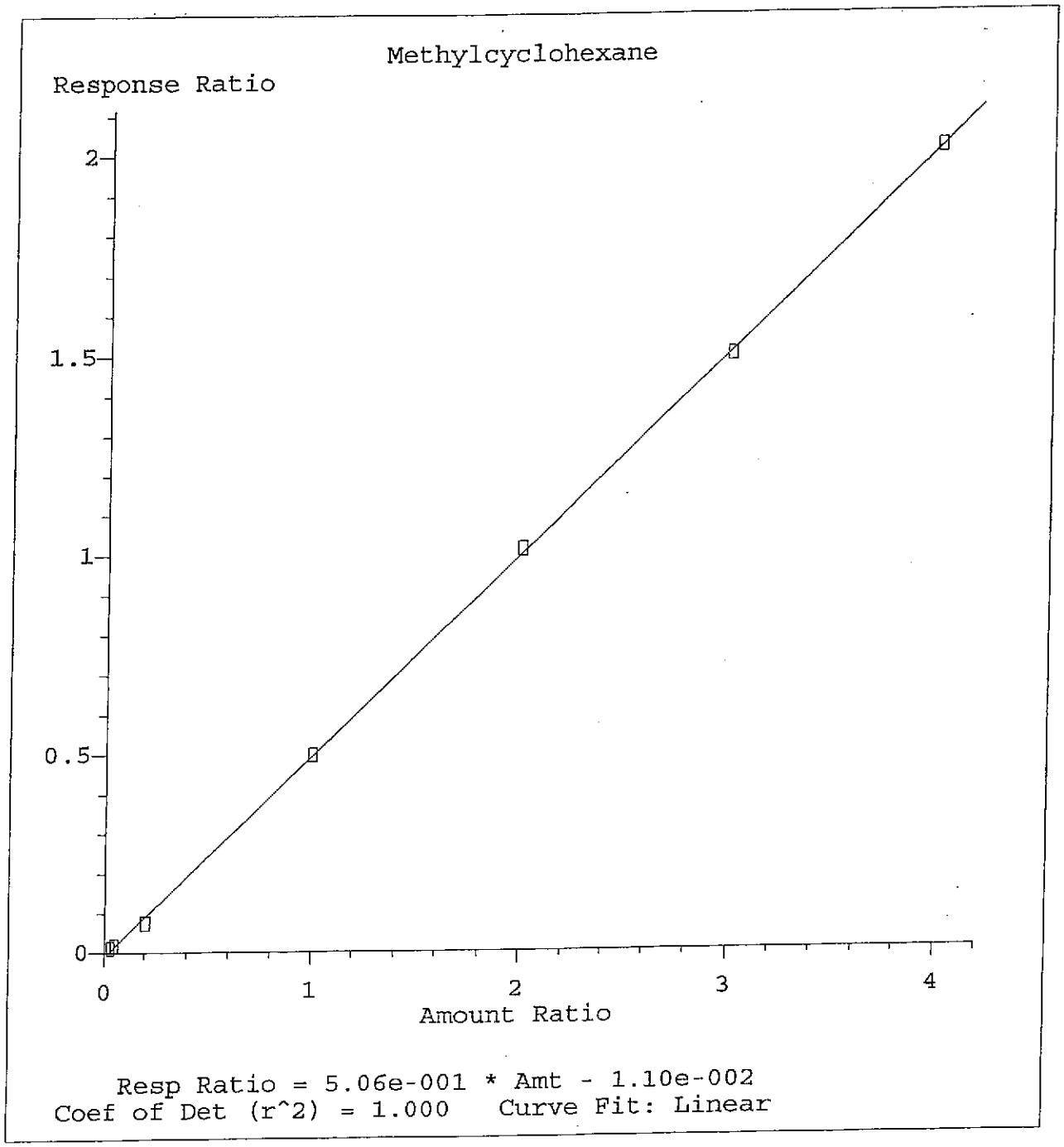
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Calibration Table Last Updated: Wed Sep 26 06:22:42 2007



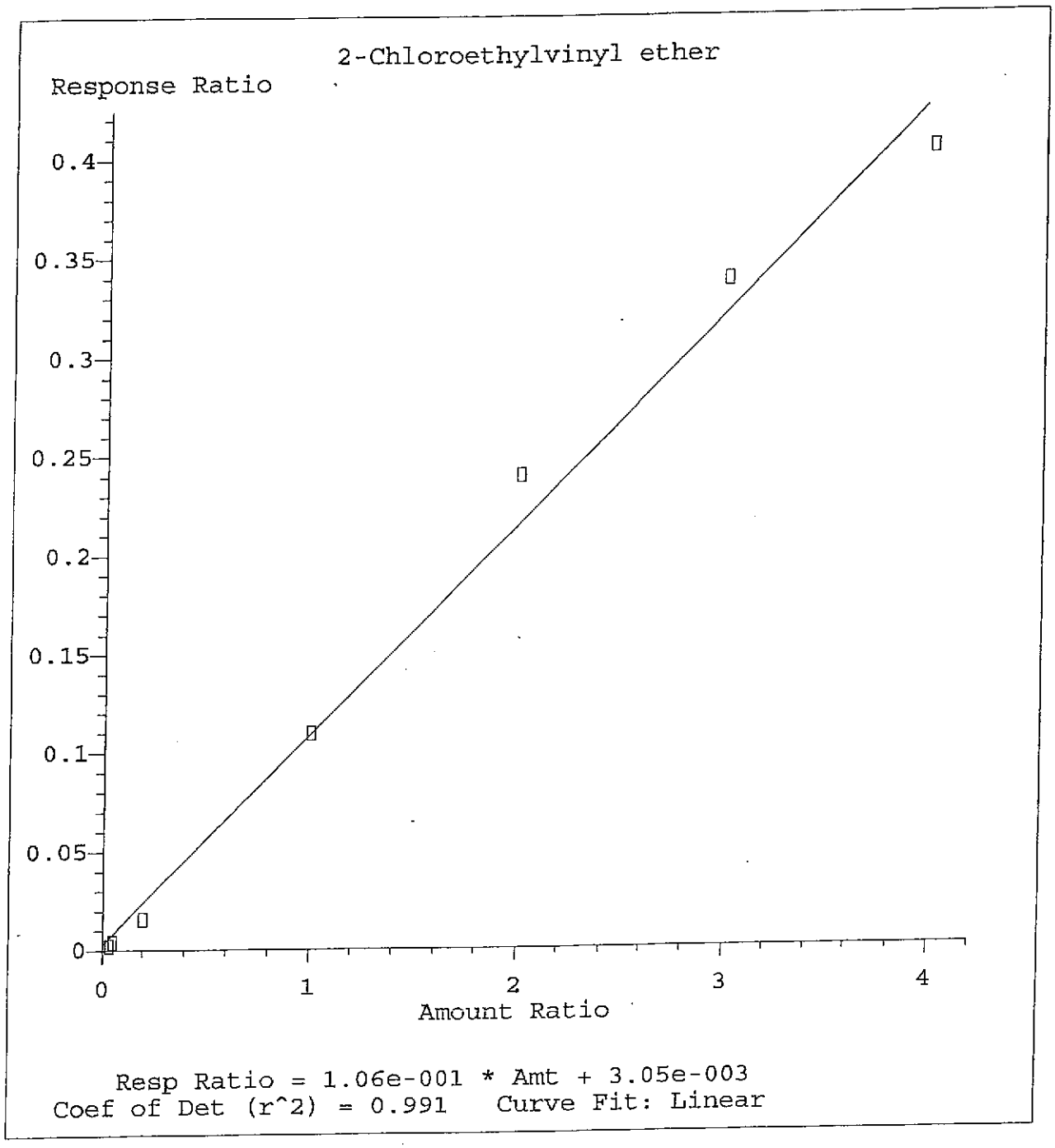
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Calibration Table Last Updated: Wed Sep 26 06:23:14 2007



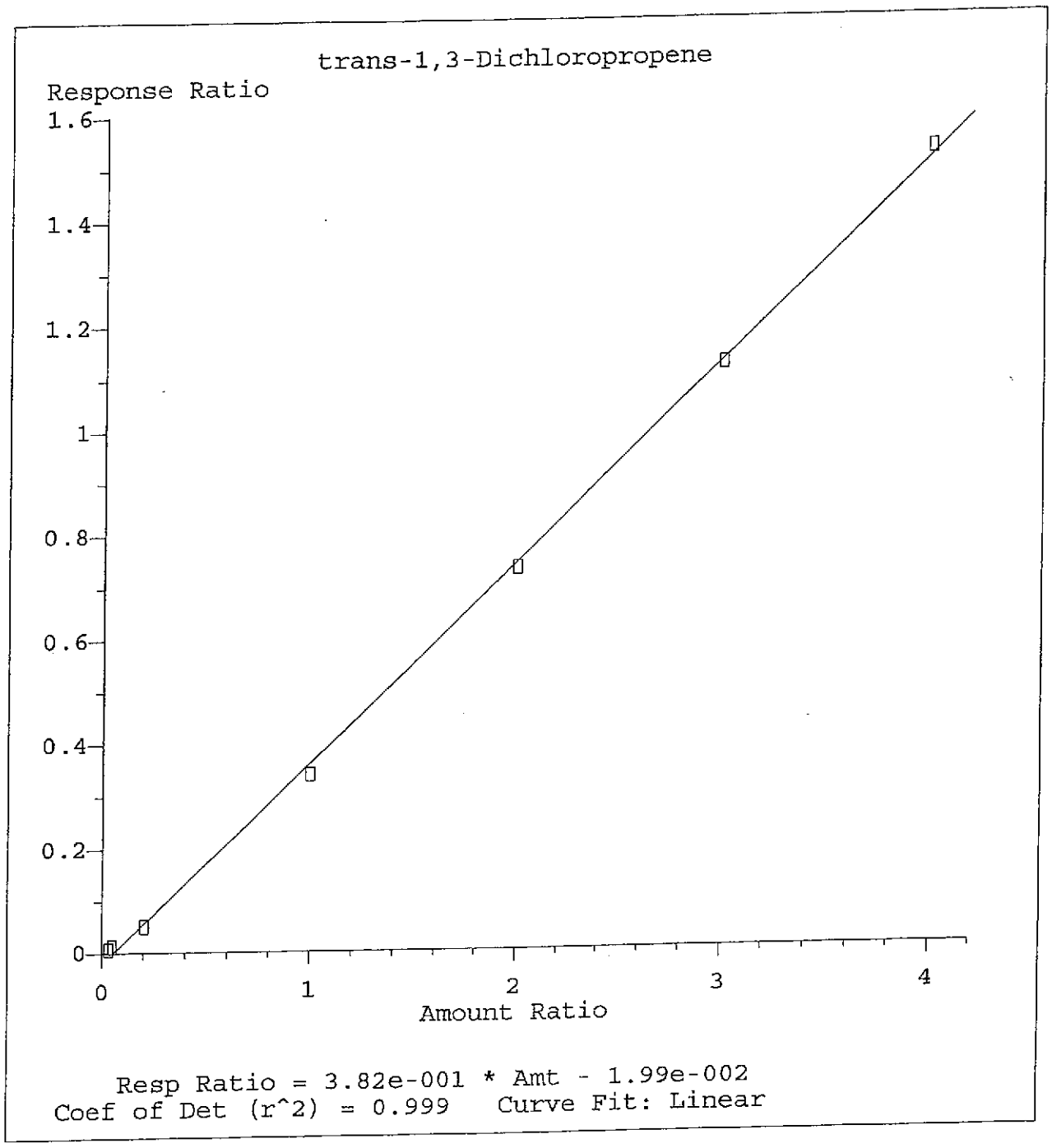
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Calibration Table Last Updated: Wed Sep 26 06:23:44 2007



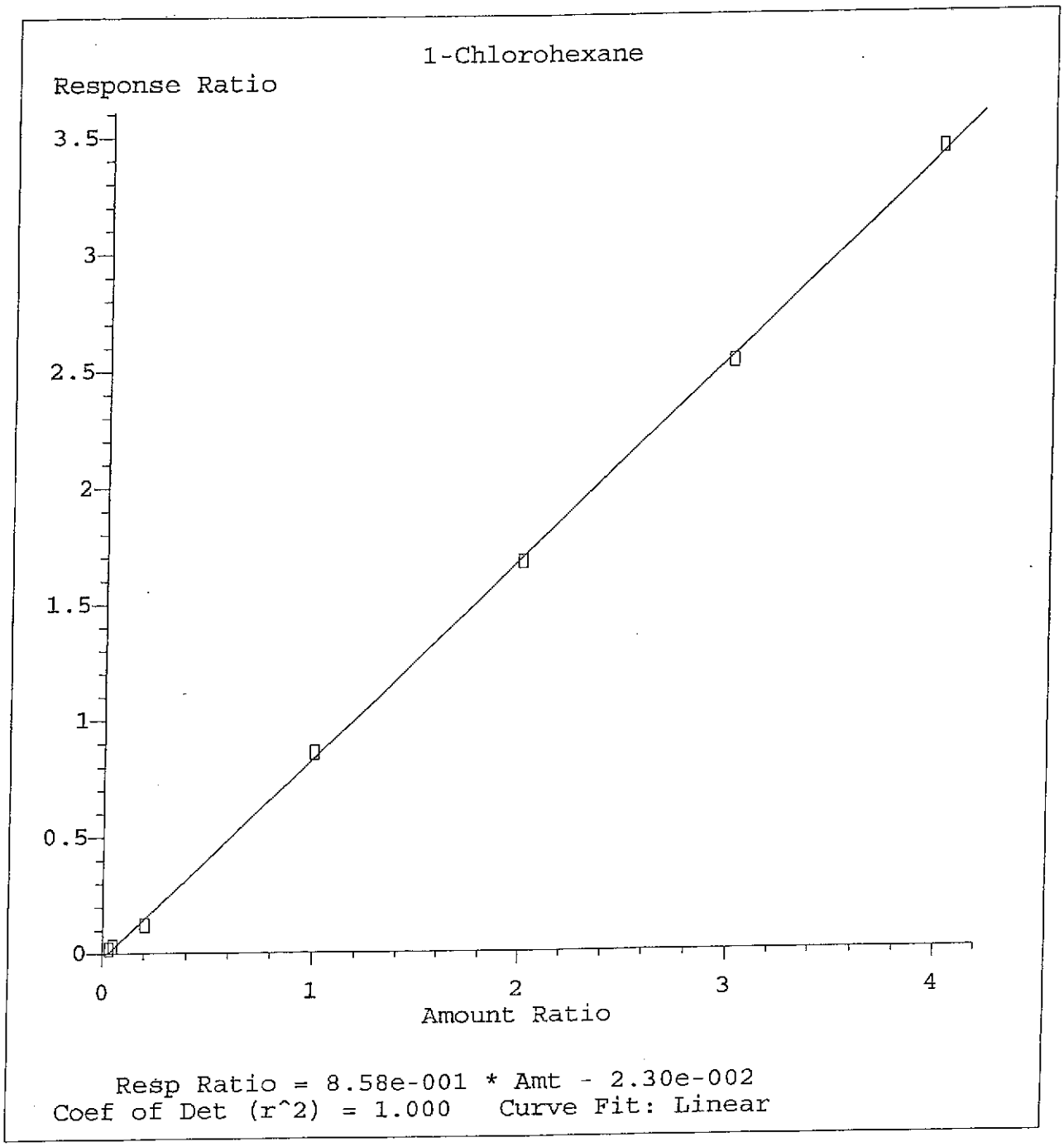
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Calibration Table Last Updated: Wed Sep 26 06:24:31 2007



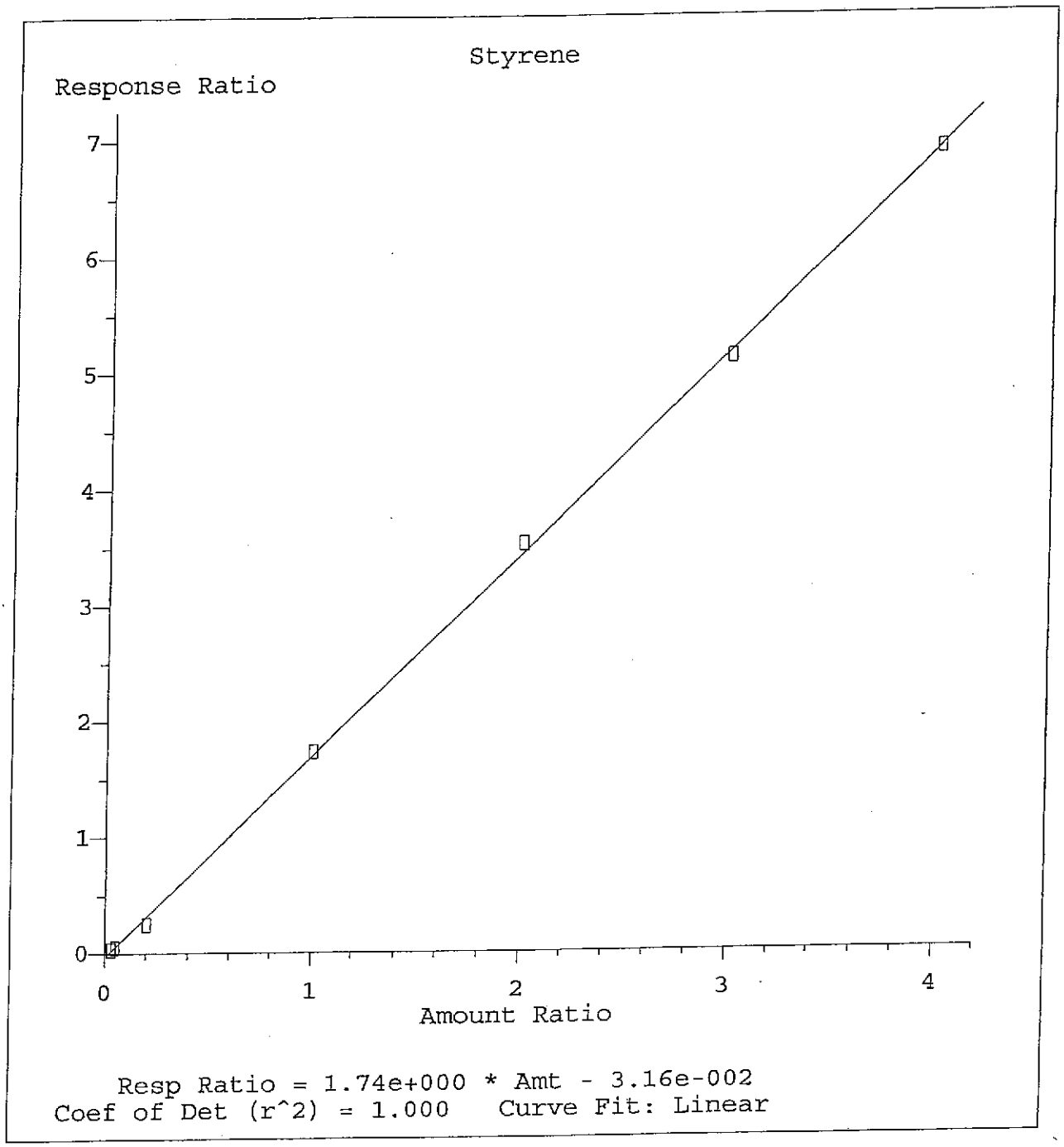
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Calibration Table Last Updated: Wed Sep 26 06:37:38 2007



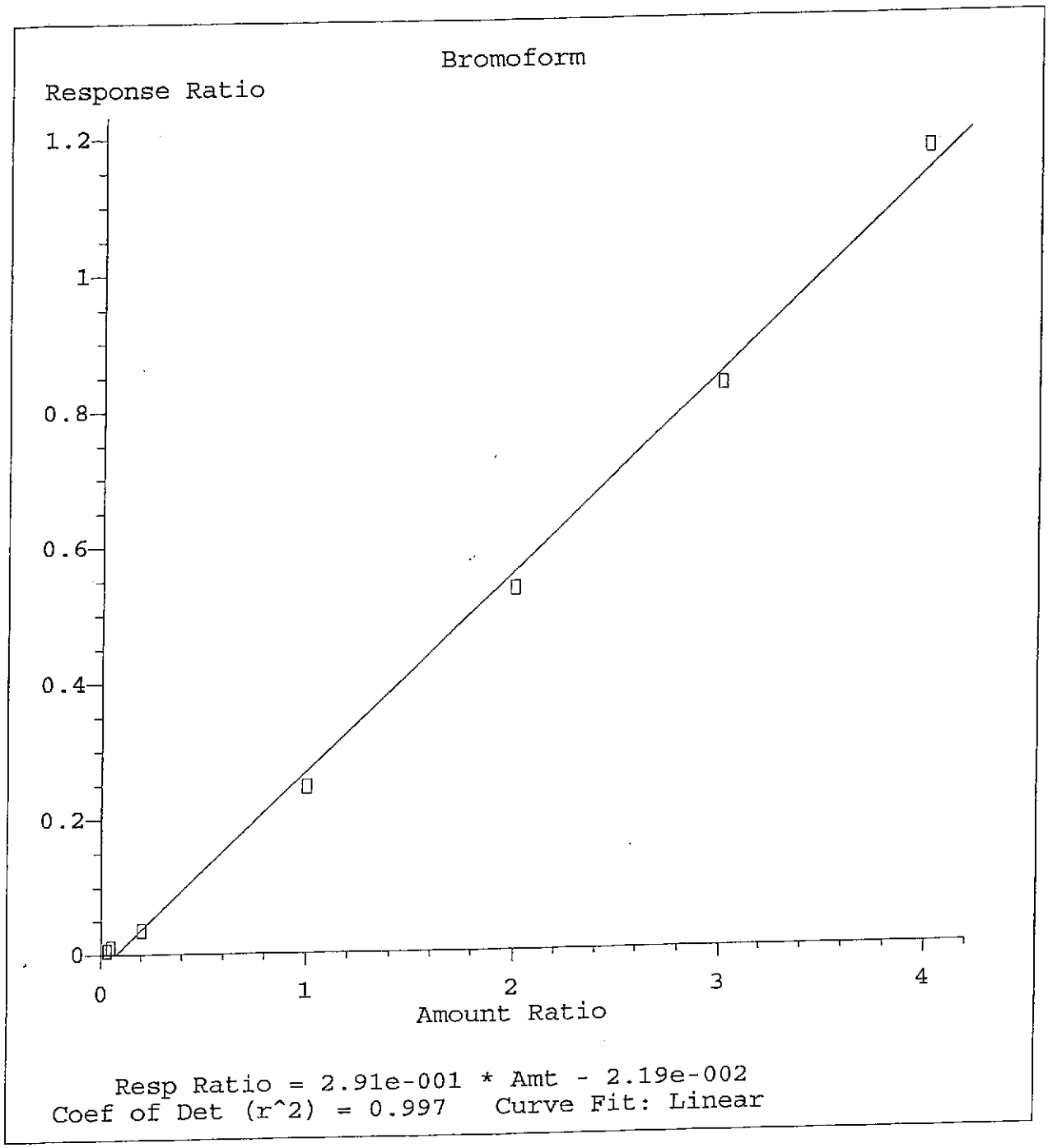
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Calibration Table Last Updated: Wed Sep 26 06:27:50 2007



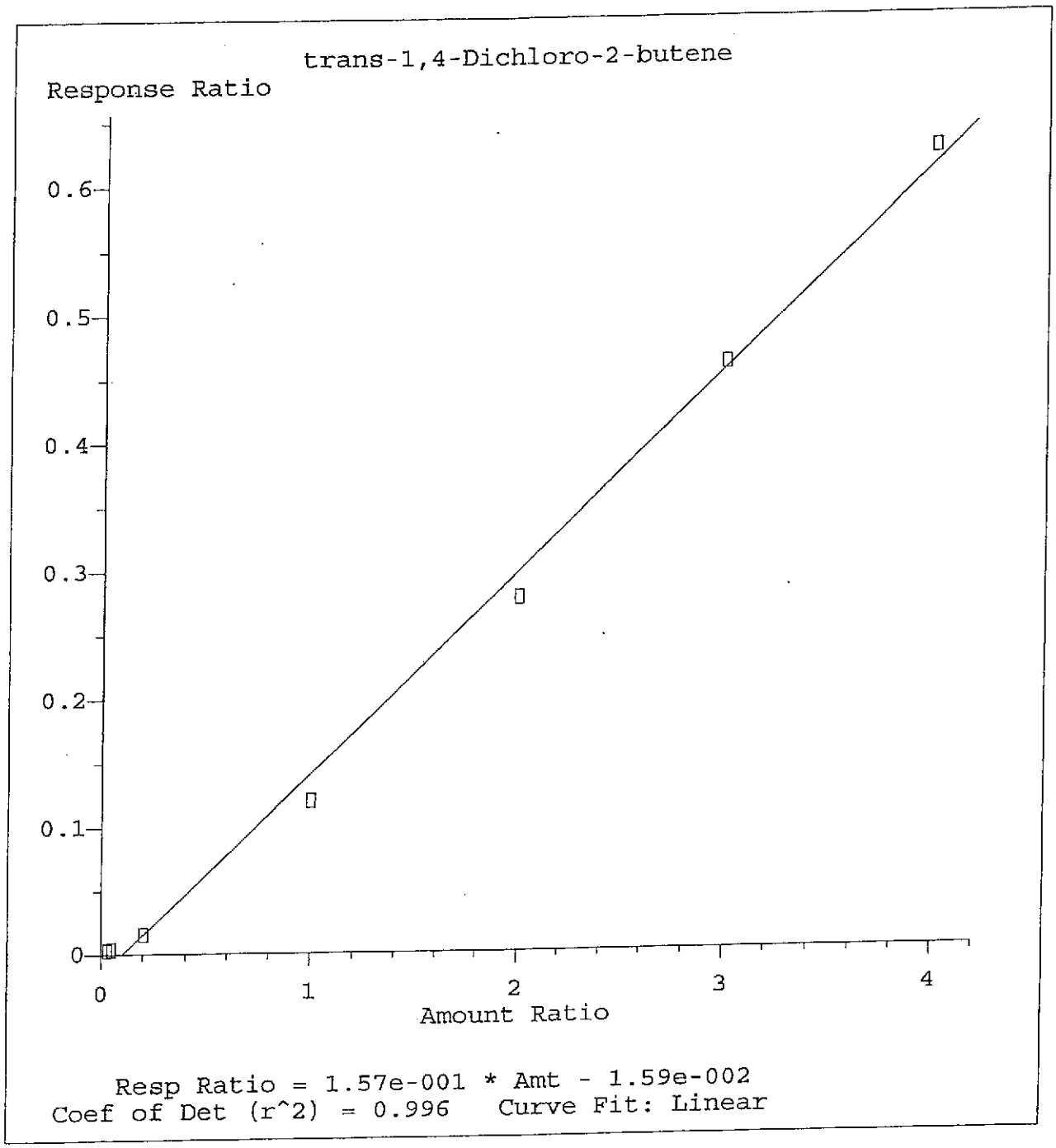
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Calibration Table Last Updated: Wed Sep 26 06:28:58 2007



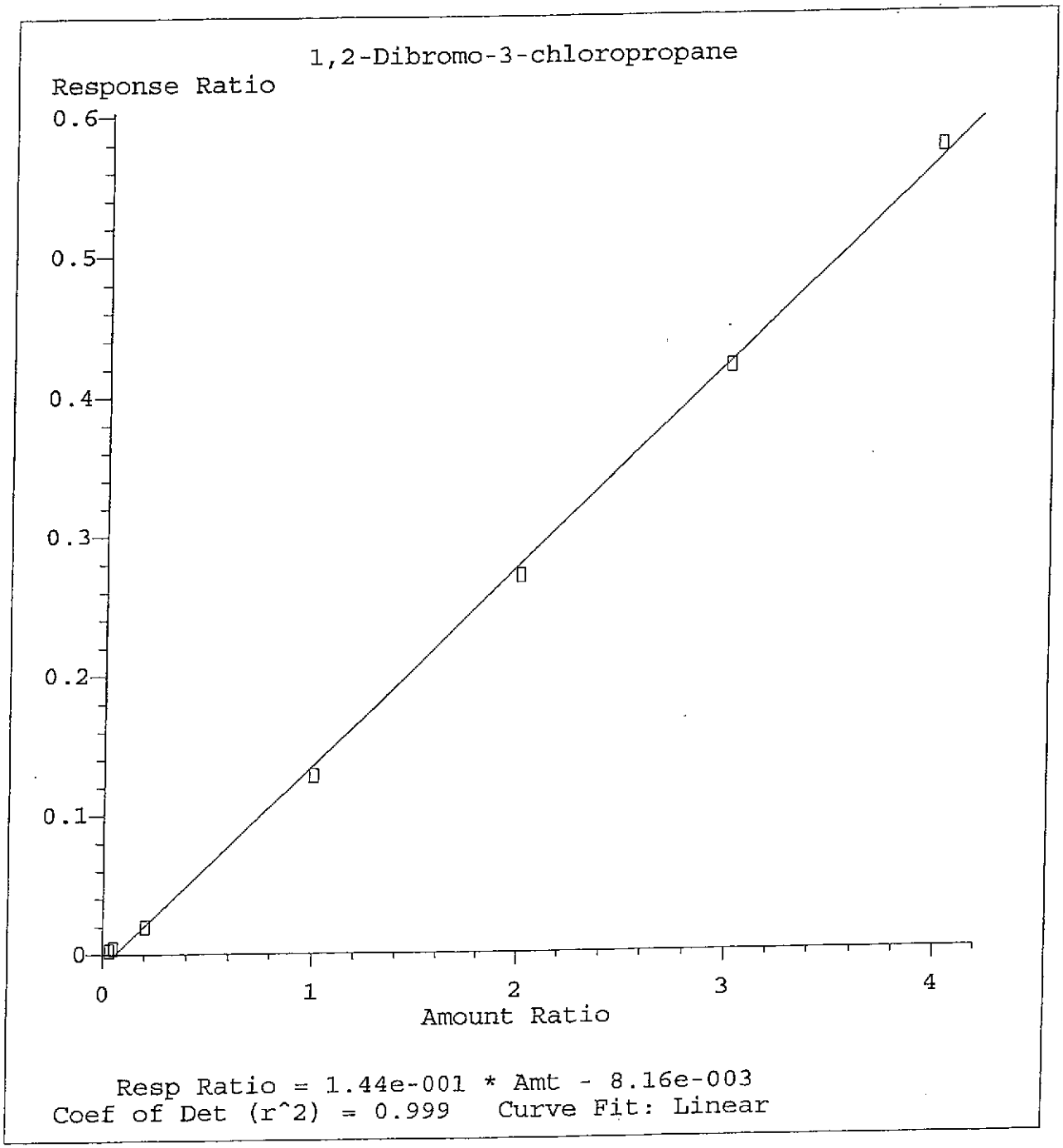
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Calibration Table Last Updated: Wed Sep 26 06:29:48 2007



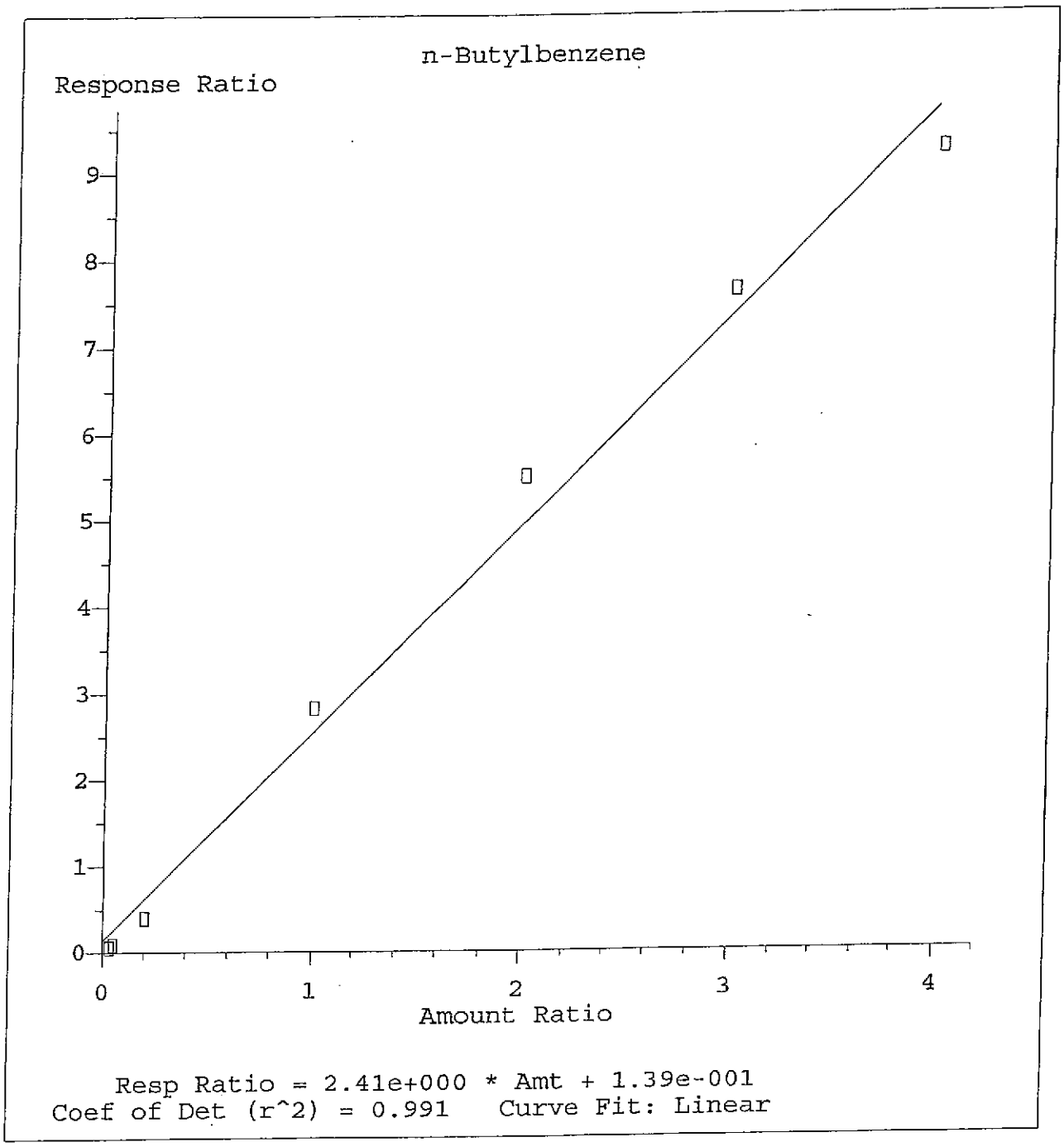
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Calibration Table Last Updated: Wed Sep 26 06:30:12 2007



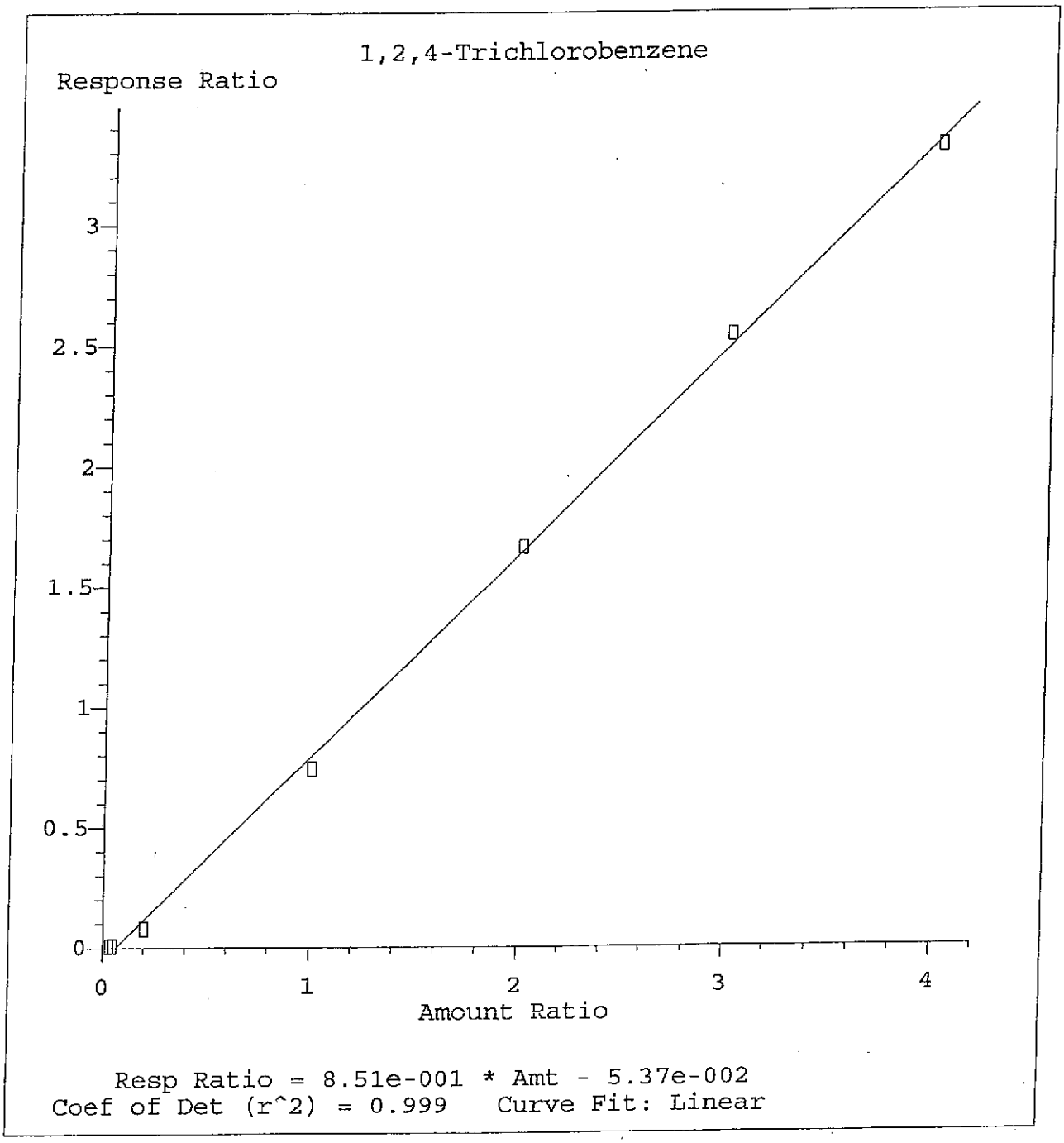
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Calibration Table Last Updated: Wed Sep 26 06:30:39 2007



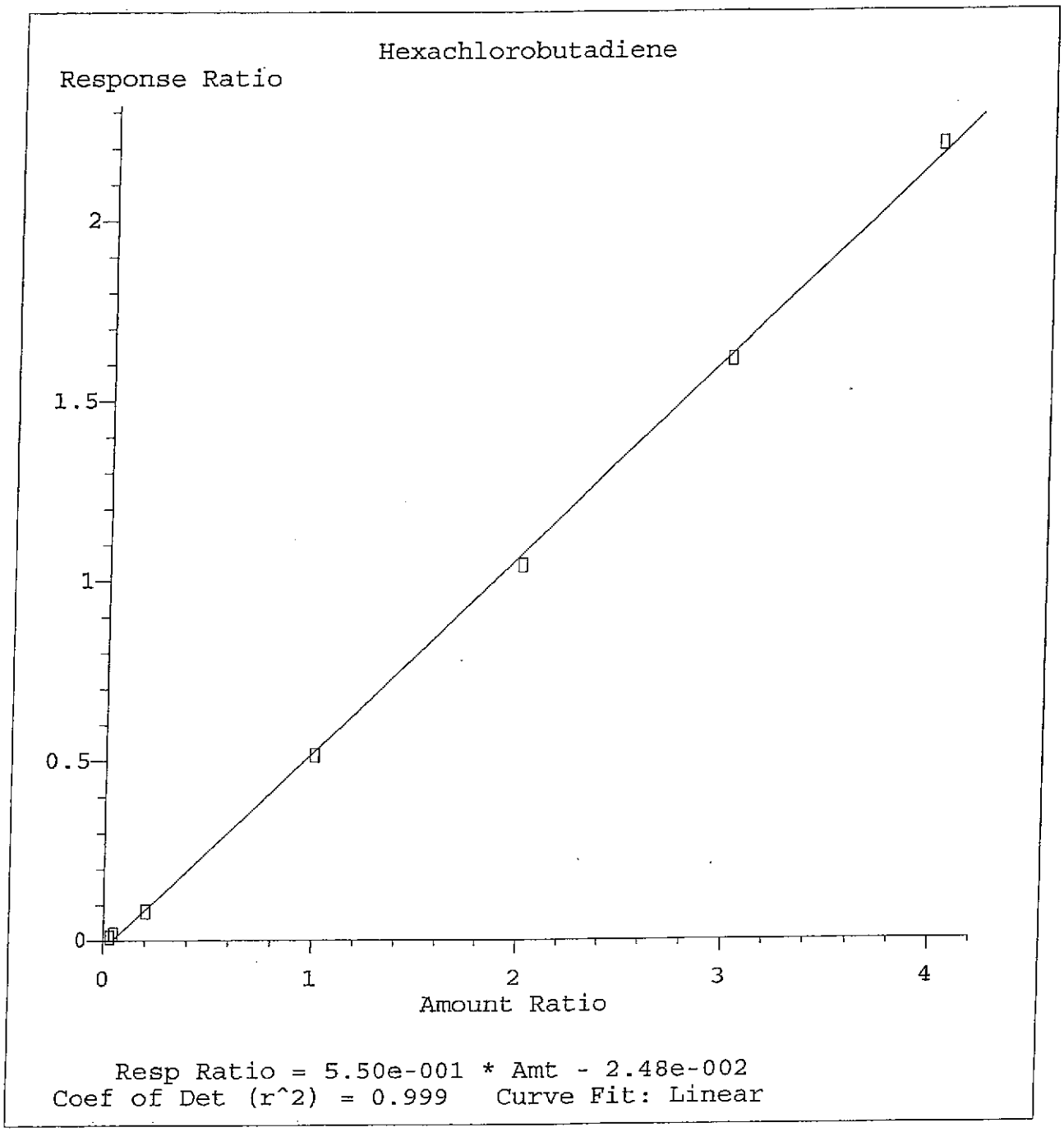
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Calibration Table Last Updated: Wed Sep 26 06:32:06 2007



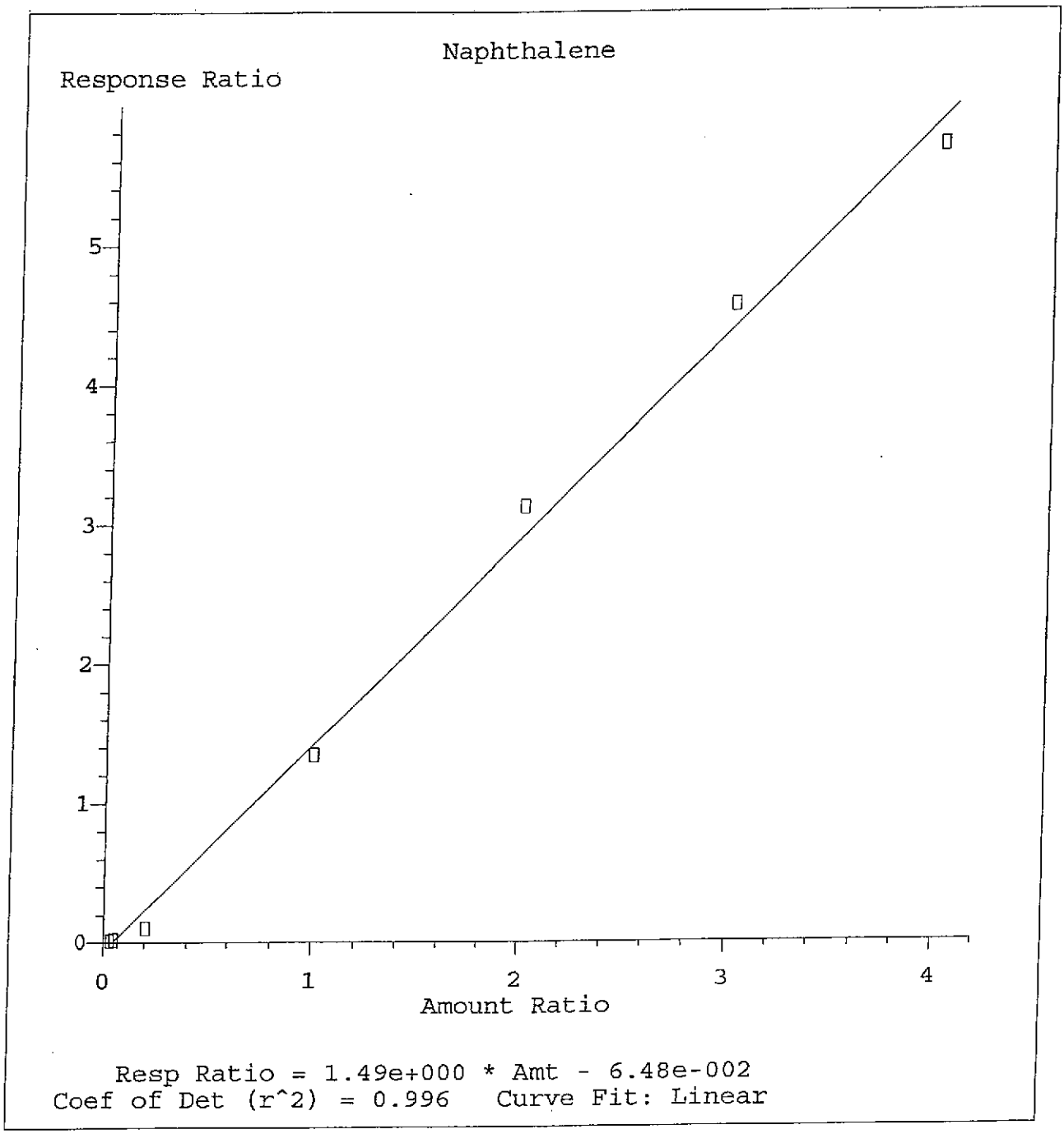
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 08:57:43 2007



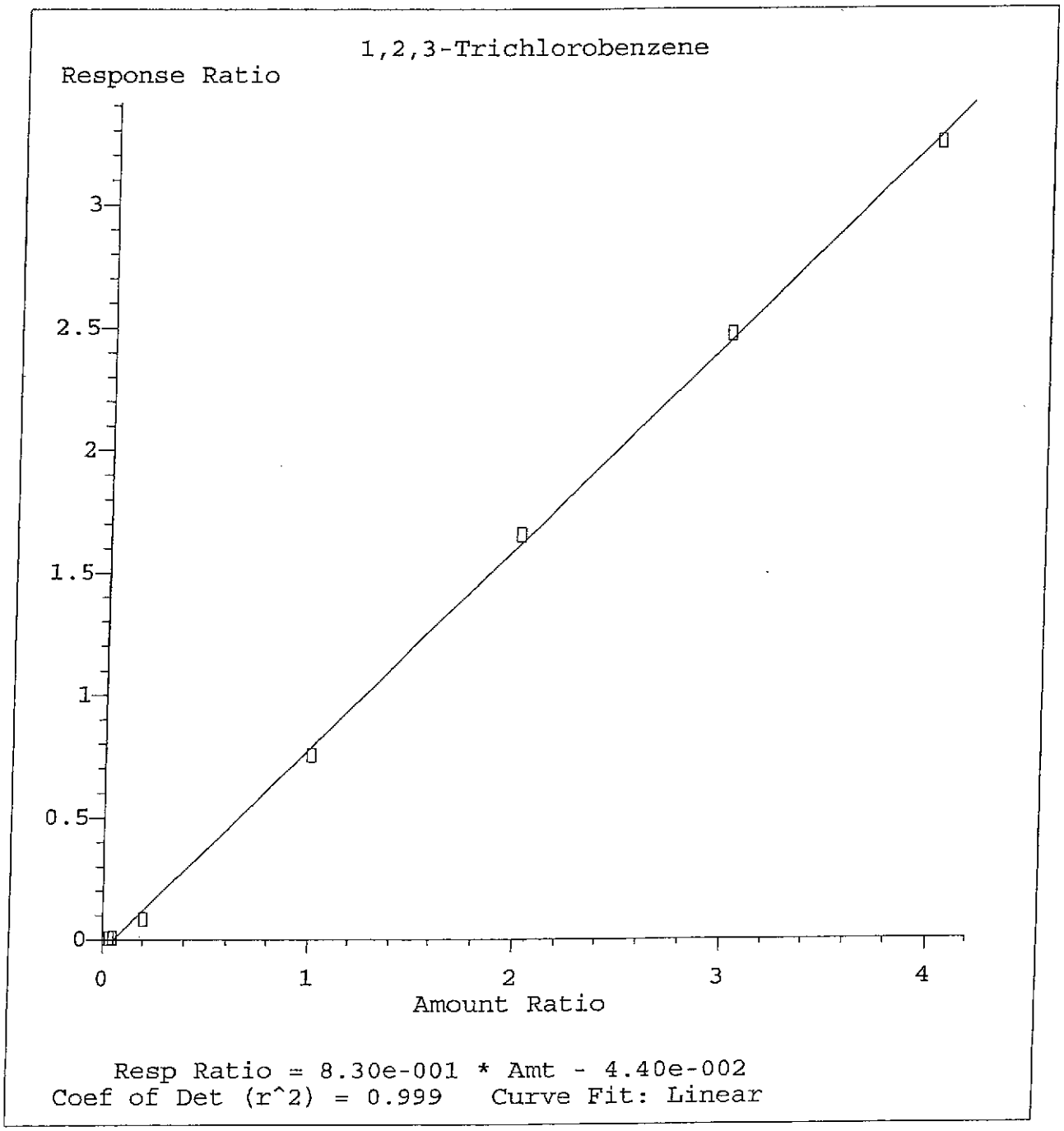
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:32:40 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:41 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:58 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:34:16 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11052
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1056
Second Source ID:	ICV-11072	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	97	2.9	
1,1,1,2-Tetrachloroethane	50	47	5.9	
1,1,1-Trichloroethane	50	45	9.3	
1,1,2,2-Tetrachloroethane	50	48	4.6	
1,1,2-Trichloroethane	50	45	9.3	
1,1-Dichloroethane	50	46	9.0	
1,1-Dichloroethene	50	45	10.2	
1,1-Dichloropropene	50	45	9.7	
1,2,3-Trichlorobenzene	50	51	-1.3	
1,2,3-Trichloropropane	50	46	7.8	
1,2,4-Trichlorobenzene	50	49	2.0	
1,2,4-Trimethylbenzene	50	50	0.3	
1,2-Dibromo-3-chloropropane	50	49	1.6	
1,2-Dibromoethane	50	46	7.9	
1,2-Dichlorobenzene	50	47	5.1	
1,2-Dichloroethane	50	45	9.6	
1,2-Dichloroethane-d4	50	53	-5.9	
1,2-Dichloropropane	50	45	9.7	
1,3,5-Trimethylbenzene	50	50	0.2	
1,3-Dichlorobenzene	50	47	6.8	
1,3-Dichloropropane	50	47	6.4	
1,4-Dichlorobenzene	50	45	10.4	
1-Chlorohexane	50	44	11.8	
2,2-Dichloropropane	50	45	9.8	
2-Butanone	100	100	-2.6	
2-Chlorotoluene	50	48	3.5	
4-Bromofluorobenzene	50	53	-6.0	
4-Chlorotoluene	50	48	3.0	
4-Methyl-2-pentanone	100	110	-5.9	
Acetone	100	110	-14.8	
Benzene	50	49	2.8	
Bromobenzene	50	47	6.8	
Bromochloromethane	50	46	7.6	
Bromodichloromethane	50	46	7.5	
Bromoform	50	43	13.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11052
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1056
Second Source ID:	ICV-11072	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	48	4.2	
Carbon tetrachloride	50	45	9.4	
Chlorobenzene	50	47	5.8	
Chloroethane	50	49	1.8	
Chloroform	50	45	9.6	
Chloromethane	50	51	-2.1	
cis-1,2-Dichloroethene	50	46	8.6	
cis-1,3-Dichloropropene	50	47	6.1	
Dibromochloromethane	50	44	12.1	
Dibromofluoromethane	50	54	-8.6	
Dibromomethane	50	46	7.5	
Dichlorodifluoromethane	50	48	3.1	
Ethylbenzene	50	44	11.3	
Hexachlorobutadiene	50	47	6.9	
Isopropylbenzene	50	45	10.3	
Methyl tert-butyl ether	50	49	2.8	
Methylene chloride	50	49	3.0	
n-Butylbenzene	50	41	18.2	
n-Propylbenzene	50	45	10.5	
Naphthalene	50	47	6.4	
o-Xylene	50	47	6.1	
p-Isopropyltoluene	50	50	0.3	
sec-Butylbenzene	50	44	12.4	
Styrene	50	50	-0.3	
tert-Butylbenzene	50	50	0.6	
Tetrachloroethene	50	44	12.1	
Toluene	50	45	10.6	
Toluene-d8	50	52	-4.9	
trans-1,2-Dichloroethene	50	45	10.5	
trans-1,3-Dichloropropene	50	47	6.1	
Trichloroethene	50	44	11.9	
Trichlorofluoromethane	50	48	4.4	
Vinyl chloride	50	51	-1.9	
Xylenes (total)	150	140	3.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	19.9	0.6	
1,1,1,2-Tetrachloroethane	10	9.42	5.8	
1,1,1-Trichloroethane	10	9.9	1.0	
1,1,2,2-Tetrachloroethane	10	10	0	
1,1,2-Trichloroethane	10	9.63	3.7	
1,1-Dichloroethane	10	9.6	4.0	
1,1-Dichloroethene	10	9.23	7.7	
1,1-Dichloropropene	10	10	-0.4	
1,2,3-Trichlorobenzene	10	9.26	7.4	
1,2,3-Trichloropropane	10	9.91	0.9	
1,2,4-Trichlorobenzene	10	9.25	7.5	
1,2,4-Trimethylbenzene	10	10.9	-9.2	
1,2-Dibromo-3-chloropropane	10	8.94	10.6	
1,2-Dibromoethane	10	9.56	4.4	
1,2-Dichlorobenzene	10	10.3	-3.1	
1,2-Dichloroethane	10	9.49	5.1	
1,2-Dichloroethane-d4	10	10	-0.5	
1,2-Dichloropropane	10	9.42	5.8	
1,3,5-Trimethylbenzene	10	10.8	-8.3	
1,3-Dichlorobenzene	10	10.1	-1.3	
1,3-Dichloropropane	10	9.57	4.3	
1,4-Dichlorobenzene	10	9.91	0.9	
1-Chlorohexane	10	9.45	5.5	
2,2-Dichloropropane	10	8.99	10.1	
2-Butanone	20	19.5	2.5	
2-Chlorotoluene	10	10.3	-3.4	
4-Bromofluorobenzene	10	9.94	0.6	
4-Chlorotoluene	10	10.4	-4.3	
4-Methyl-2-pentanone	20	17.7	11.4	
Acetone	20	22.4	-12.0	
Benzene	10	10	-0.4	
Bromobenzene	10	10.1	-0.7	
Bromochloromethane	10	9.2	8.0	
Bromodichloromethane	10	10.1	-0.7	
Bromoform	10	8.63	13.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	9.3	7.0	
Carbon tetrachloride	10	9.08	9.2	
Chlorobenzene	10	9.76	2.4	
Chloroethane	10	9.51	4.9	
Chloroform	10	9.61	3.9	
Chloromethane	10	9.52	4.8	
cis-1,2-Dichloroethene	10	9.65	3.5	
cis-1,3-Dichloropropene	10	10.2	-2.3	
Dibromochloromethane	10	9.6	4.0	
Dibromofluoromethane	10	10.1	-1.1	
Dibromomethane	10	9.45	5.5	
Dichlorodifluoromethane	10	9.58	4.2	
Ethylbenzene	10	10.3	-2.7	
Hexachlorobutadiene	10	9.44	5.6	
Isopropylbenzene	10	11	-9.6	
Methyl tert-butyl ether	10	10.1	-1.1	
Methylene chloride	10	9.11	8.9	
n-Butylbenzene	10	11.7	-17.4	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.14	8.6	
o-Xylene	10	9.84	1.6	
p-Isopropyltoluene	10	11.2	-11.7	
sec-Butylbenzene	10	11.2	-11.6	
Styrene	10	9.06	9.4	
tert-Butylbenzene	10	10.5	-5.0	
Tetrachloroethene	10	9.43	5.7	
Toluene	10	10.3	-2.8	
Toluene-d8	10	10.8	-8.2	
trans-1,2-Dichloroethene	10	9.52	4.8	
trans-1,3-Dichloropropene	10	8.96	10.4	
Trichloroethene	10	9.56	4.4	
Trichlorofluoromethane	10	10	-0.5	
Vinyl chloride	10	10	-0.1	
Xylenes (total)	30	29.7	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID; HP5973 GCMS#3

Initial Calibration -ID: 1056

ICV ID: ICV-11072

CCV #1 ID: CCV-11241

SEE ATTACHED

Comments:

AFCEE FORM O-5

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	101	0.00
2		Dichlorodifluoromethane	0.277	0.221	20.2#	80	0.00
3	P	Chloromethane	0.362	0.286	21.0#	84	0.00
4	CP	Vinyl chloride	0.321	0.318	0.9	102	0.00
5		Bromomethane	0.185	0.195	-5.4	121	0.00
6		Chloroethane	0.237	0.308	-30.0#	133	0.00
7		Trichlorofluoromethane	0.523	0.704	-34.6#	135	0.00
8		Acetone	0.125	0.087	30.4#	92	0.00
9	CPM	1,1-Dichloroethene	0.189	0.178	5.8	86	0.00
10		Methylene chloride	0.331	0.262	20.8#	75	0.00
11		trans-1,2-Dichloroethene	0.236	0.231	2.1	91	0.00
12		Methyl tert-Butyl ether	0.778	0.810	-4.1	96	0.00
13	P	1,1-Dichloroethane	0.471	0.475	-0.8	95	0.00
[illegible]		2-Butanone	0.196	0.168	14.3	95	0.00
[illegible]		cis-1,2-Dichloroethene	0.264	0.271	-2.7	96	0.00
16		Bromochloromethane	0.126	0.131	-4.0	100	0.00
17	CP	Chloroform	0.436	0.466	-6.9	101	0.00
18		2,2-Dichloropropane	0.374	0.412	-10.2	101	0.00
19	S	Dibromofluoromethane	0.218	0.229	-5.0	100	0.00
20	S	1,2-Dichloroethane-d4	0.303	0.324	-6.9	104	0.00
21		1,2-Dichloroethane	0.365	0.392	-7.4	103	0.00
22		1,1,1-Trichloroethane	0.386	0.422	-9.3	100	0.00
23		1,1-Dichloropropene	0.335	0.348	-3.9	95	0.00
24		Carbon tetrachloride	0.291	0.312	-7.2	97	0.00
25	M	Benzene	1.010	1.079	-6.8	94	0.00
26	M	Trichloroethene	0.262	0.275	-5.0	100	0.00
27		Dibromomethane	0.155	0.161	-3.9	98	0.00
28	CP	1,2-Dichloropropane	0.281	0.273	2.8	94	0.00
29		Bromodichloromethane	0.318	0.334	-5.0	98	0.00
30		4-Methyl-2-pentanone	0.364	0.388	-6.6	106	0.00
31		cis-1,3-Dichloropropene	0.425	0.438	-3.1	95	0.00
32	S	Toluene-d8	0.809	0.893	-10.4	97	0.00
33	CPM	Toluene	0.707	0.690	2.4	92	0.00
34		trans-1,3-Dichloropropene	0.385	0.415	-7.8	99	0.00
35		1,1,2-Trichloroethane	0.196	0.198	-1.0	96	0.00
36		1,2-Dibromoethane	0.223	0.225	-0.9	95	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
[illegible]		1,3-Dichloropropane	0.985	0.979	0.6	96	0.00
[illegible]		Dibromochloromethane	0.557	0.556	0.2	95	0.00
40		Tetrachloroethene	0.601	0.633	-5.3	100	0.00

(#) = Out of Range

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.781	0.812	-4.0	97	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.552	-3.6	98	0.00
43	PM	Chlorobenzene	1.576	1.682	-6.7	100	0.00
44	CP	Ethylbenzene	2.597	2.995	-15.3	101	0.00
45		(m+p)-Xylene	0.962	1.080	-12.3	101	0.00
46		o-Xylene	0.992	1.019	-2.7	97	0.00
47		Styrene	1.558	1.733	-11.2	98	0.00
48	P	Bromoform	0.377	0.369	2.1	92	0.00
49	S	Bromofluorobenzene	0.756	0.745	1.5	98	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
51	P	1,1,2,2-Tetrachloroethane	1.054	1.031	2.2	93	0.00
52		Isopropylbenzene	3.211	3.761	-17.1	100	0.00
		1,2,3-Trichloropropane	0.950	0.909	4.3	93	0.00
		Bromobenzene	0.918	0.960	-4.6	102	0.00
55		n-Propylbenzene	3.655	4.489	-22.8#	105	0.00
56		2-Chlorotoluene	2.641	2.884	-9.2	101	0.00
57		4-Chlorotoluene	2.269	2.448	-7.9	99	0.00
58		1,3,5-Trimethylbenzene	2.508	2.891	-15.3	103	0.00
59		tert-Butylbenzene	2.322	2.597	-11.8	99	0.00
60		1,2,4-Trimethylbenzene	2.340	2.655	-13.5	102	0.00
61		sec-Butylbenzene	3.265	3.899	-19.4	101	0.00
62		1,3-Dichlorobenzene	1.482	1.565	-5.6	101	0.00
63		p-Isopropyltoluene	2.617	3.094	-18.2	102	0.00
64		1,4-Dichlorobenzene	1.521	1.541	-1.3	99	0.00
65		n-Butylbenzene	2.288	2.699	-18.0	104	0.00
66		1,2-Dichlorobenzene	1.443	1.483	-2.8	99	0.00
67		1,2-Dibromo-3-chloropropane	0.186	0.175	5.9	90	0.00
68		1,2,4-Trichlorobenzene	0.723	0.830	-14.8	103	0.00
69		Hexachlorobutadiene	0.542	0.589	-8.7	95	0.00
70		Naphthalene	1.488	1.744	-17.2	98	0.00
71		1,2,3-Trichlorobenzene	0.672	0.753	-12.1	99	0.00

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	101	0.00
2		Dichlorodifluoromethane	50.000	39.850	20.3#	80	0.00
3	P	Chloromethane	50.000	39.537	20.9#	84	0.00
4	CP	Vinyl chloride	50.000	49.390	1.2	102	0.00
5		Bromomethane	50.000	52.694	-5.4	121	0.00
6		Chloroethane	50.000	64.885	-29.8#	133	0.00
7		Trichlorofluoromethane	50.000	67.276	-34.6#	135	0.00
8		Acetone	100.000	80.460	19.5	92	0.00
9	CPM	1,1-Dichloroethene	50.000	46.953	6.1	86	0.00
10		Methylene chloride	50.000	41.917	16.2	75	0.00
11		trans-1,2-Dichloroethene	50.000	48.957	2.1	91	0.00
12		Methyl tert-Butyl ether	50.000	52.076	-4.2	96	0.00
13	P	1,1-Dichloroethane	50.000	50.356	-0.7	95	0.00
[illegible]		2-Butanone	100.000	85.637	14.4	95	0.00
[illegible]		cis-1,2-Dichloroethene	50.000	51.213	-2.4	96	0.00
16		Bromochloromethane	50.000	52.239	-4.5	100	0.00
17	CP	Chloroform	50.000	53.468	-6.9	101	0.00
18		2,2-Dichloropropane	50.000	55.117	-10.2	101	0.00
19	S	Dibromofluoromethane	50.000	52.523	-5.0	100	0.00
20	S	1,2-Dichloroethane-d4	50.000	53.497	-7.0	104	0.00
21		1,2-Dichloroethane	50.000	53.690	-7.4	103	0.00
22		1,1,1-Trichloroethane	50.000	54.693	-9.4	100	0.00
23		1,1-Dichloropropene	50.000	51.948	-3.9	95	0.00
24		Carbon tetrachloride	50.000	53.646	-7.3	97	0.00
25	M	Benzene	50.000	53.431	-6.9	94	0.00
26	M	Trichloroethene	50.000	52.571	-5.1	100	0.00
27		Dibromomethane	50.000	51.943	-3.9	98	0.00
28	CP	1,2-Dichloropropane	50.000	48.665	2.7	94	0.00
29		Bromodichloromethane	50.000	52.548	-5.1	98	0.00
30		4-Methyl-2-pentanone	100.000	106.530	-6.5	106	0.00
31		cis-1,3-Dichloropropene	50.000	51.615	-3.2	95	0.00
32	S	Toluene-d8	50.000	49.889	0.2	97	0.00
33	CPM	Toluene	50.000	48.798	2.4	92	0.00
34		trans-1,3-Dichloropropene	50.000	53.850	-7.7	99	0.00
35		1,1,2-Trichloroethane	50.000	50.304	-0.6	96	0.00
36		1,2-Dibromoethane	50.000	50.490	-1.0	95	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
[illegible]		1,3-Dichloropropane	50.000	49.690	0.6	96	0.00
[illegible]		Dibromochloromethane	50.000	45.715	8.6	95	0.00
40		Tetrachloroethene	50.000	52.634	-5.3	100	0.00

(#) = Out of Range

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	51.972	-3.9	97	0.00
42		1,1,1,2-Tetrachloroethane	50.000	51.761	-3.5	98	0.00
43	PM	Chlorobenzene	50.000	53.371	-6.7	100	0.00
44	CP	Ethylbenzene	50.000	51.727	-3.5	101	0.00
45		(m+p)-Xylene	100.000	112.291	-12.3	101	0.00
46		o-Xylene	50.000	51.358	-2.7	97	0.00
47		Styrene	50.000	55.618	-11.2	98	0.00
48	P	Bromoform	50.000	43.313	13.4	92	0.00
49	S	Bromofluorobenzene	50.000	49.326	1.3	98	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	48.911	2.2	93	0.00
52		Isopropylbenzene	50.000	51.145	-2.3	100	0.00
		1,2,3-Trichloropropane	50.000	47.863	4.3	93	0.00
		Bromobenzene	50.000	52.342	-4.7	102	0.00
55		n-Propylbenzene	50.000	54.157	-8.3	105	0.00
56		2-Chlorotoluene	50.000	54.603	-9.2	101	0.00
57		4-Chlorotoluene	50.000	53.945	-7.9	99	0.00
58		1,3,5-Trimethylbenzene	50.000	57.649	-15.3	103	0.00
59		tert-Butylbenzene	50.000	55.923	-11.8	99	0.00
60		1,2,4-Trimethylbenzene	50.000	56.727	-13.5	102	0.00
61		sec-Butylbenzene	50.000	51.545	-3.1	101	0.00
62		1,3-Dichlorobenzene	50.000	52.813	-5.6	101	0.00
63		p-Isopropyltoluene	50.000	59.102	-18.2	102	0.00
64		1,4-Dichlorobenzene	50.000	50.653	-1.3	99	0.00
65		n-Butylbenzene	50.000	51.467	-2.9	104	0.00
66		1,2-Dichlorobenzene	50.000	51.390	-2.8	99	0.00
67		1,2-Dibromo-3-chloropropane	50.000	46.891	6.2	90	0.00
68		1,2,4-Trichlorobenzene	50.000	57.373	-14.7	103	0.00
69		Hexachlorobutadiene	50.000	54.427	-8.9	95	0.00
70		Naphthalene	50.000	48.114	3.8	98	0.00
71		1,2,3-Trichlorobenzene	50.000	55.981	-12.0	99	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Initial Calibration -ID: 1056

ICV ID: ICV-11072

CCV #1 ID: CCV-11283

SEE ATTACHED

Comments:

AFCEE FORM O-5

Data File : C:\HPCHEM\1\DATA\J4614.D
Acq On : 2 Oct 2007 13:40
Sample : CCV-11283
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	79	0.00
2		Dichlorodifluoromethane	0.277	0.236	14.8	67	0.00
3	P	Chloromethane	0.362	0.292	19.3	67	0.00
4	CP	Vinyl chloride	0.321	0.341	-6.2	86	0.00
5		Bromomethane	0.185	0.241	-30.3#	117	0.00
6		Chloroethane	0.237	0.313	-32.1#	106	0.00
7		Trichlorofluoromethane	0.523	0.720	-37.7#	108	0.00
8		Acetone	0.125	0.095	24.0#	79	0.00
9	CPM	1,1-Dichloroethene	0.189	0.203	-7.4	78	0.00
10		Methylene chloride	0.331	0.270	18.4	60	0.00
11		trans-1,2-Dichloroethene	0.236	0.235	0.4	73	0.00
12		Methyl tert-Butyl ether	0.778	0.839	-7.8	78	0.00
13	P	1,1-Dichloroethane	0.471	0.489	-3.8	76	0.00
		2-Butanone	0.196	0.171	12.8	76	0.00
		cis-1,2-Dichloroethene	0.264	0.275	-4.2	76	0.00
16		Bromochloromethane	0.126	0.134	-6.3	80	0.00
17	CP	Chloroform	0.436	0.485	-11.2	82	0.00
18		2,2-Dichloropropane	0.374	0.417	-11.5	81	0.00
19	S	Dibromofluoromethane	0.218	0.237	-8.7	81	0.00
20	S	1,2-Dichloroethane-d4	0.303	0.338	-11.6	85	0.00
21		1,2-Dichloroethane	0.365	0.411	-12.6	85	0.00
22		1,1,1-Trichloroethane	0.386	0.437	-13.2	81	0.00
23		1,1-Dichloropropene	0.335	0.360	-7.5	77	0.00
24		Carbon tetrachloride	0.291	0.326	-12.0	80	0.00
25	M	Benzene	1.010	1.121	-11.0	76	0.00
26	M	Trichloroethene	0.262	0.281	-7.3	80	0.00
27		Dibromomethane	0.155	0.168	-8.4	81	0.00
28	CP	1,2-Dichloropropane	0.281	0.285	-1.4	77	0.00
29		Bromodichloromethane	0.318	0.351	-10.4	81	0.00
30		4-Methyl-2-pentanone	0.364	0.391	-7.4	84	0.00
31		cis-1,3-Dichloropropene	0.425	0.460	-8.2	78	0.00
32	S	Toluene-d8	0.809	0.926	-14.5	79	0.00
33	CPM	Toluene	0.707	0.712	-0.7	75	0.00
34		trans-1,3-Dichloropropene	0.385	0.434	-12.7	81	0.00
35		1,1,2-Trichloroethane	0.196	0.207	-5.6	79	0.00
36		1,2-Dibromoethane	0.223	0.235	-5.4	78	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
		1,3-Dichloropropane	0.985	1.029	-4.5	79	0.00
		Dibromochloromethane	0.557	0.599	-7.5	80	0.00
40		Tetrachloroethene	0.601	0.649	-8.0	80	0.00

(#) = Out of Range

ABM 10-3-07

Data File : C:\HPCHEM\1\DATA\J4614.D
Acq On : 2 Oct 2007 13:40
Sample : CCV-11283
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.781	0.818	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.576	-8.1	80	0.00
43	PM	Chlorobenzene	1.576	1.742	-10.5	81	0.00
44	CP	Ethylbenzene	2.597	3.059	-17.8	80	0.00
45		(m+p)-Xylene	0.962	1.063	-10.5	77	0.00
46		o-Xylene	0.992	1.010	-1.8	75	0.00
47		Styrene	1.558	1.726	-10.8	76	0.00
48	P	Bromoform	0.377	0.396	-5.0	77	0.00
49	S	Bromofluorobenzene	0.756	0.756	0.0	77	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
51	P	1,1,2,2-Tetrachloroethane	1.054	1.176	-11.6	79	0.00
52		Isopropylbenzene	3.211	3.995	-24.4#	79	0.00
[illegible]		1,2,3-Trichloropropane	0.950	1.013	-6.6	77	0.00
[illegible]		Bromobenzene	0.918	1.013	-10.3	79	0.00
55		n-Propylbenzene	3.655	4.636	-26.8#	80	0.00
56		2-Chlorotoluene	2.641	2.987	-13.1	78	0.00
57		4-Chlorotoluene	2.269	2.558	-12.7	76	0.00
58		1,3,5-Trimethylbenzene	2.508	2.937	-17.1	77	0.00
59		tert-Butylbenzene	2.322	2.705	-16.5	76	0.00
60		1,2,4-Trimethylbenzene	2.340	2.699	-15.3	77	0.00
61		sec-Butylbenzene	3.265	4.012	-22.9#	77	0.00
62		1,3-Dichlorobenzene	1.482	1.616	-9.0	77	0.00
63		p-Isopropyltoluene	2.617	3.117	-19.1	76	0.00
64		1,4-Dichlorobenzene	1.521	1.586	-4.3	76	0.00
65		n-Butylbenzene	2.288	2.652	-15.9	76	0.00
66		1,2-Dichlorobenzene	1.443	1.544	-7.0	76	0.00
67		1,2-Dibromo-3-chloropropane	0.186	0.190	-2.2	72	0.00
68		1,2,4-Trichlorobenzene	0.723	0.808	-11.8	74	0.00
69		Hexachlorobutadiene	0.542	0.607	-12.0	73	0.00
70		Naphthalene	1.488	1.744	-17.2	73	0.00
71		1,2,3-Trichlorobenzene	0.672	0.733	-9.1	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
J4614.D J914AF31.M Wed Oct 03 10:41:49 2007 P

Data File : C:\HPCHEM\1\DATA\J4614.D
Acq On : 2 Oct 2007 13:40
Sample : CCV-11283
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	79	0.00
2		Dichlorodifluoromethane	50.000	42.623	14.8	67	0.00
3	P	Chloromethane	50.000	40.415	19.2	67	0.00
4	CP	Vinyl chloride	50.000	53.022	-6.0	86	0.00
5		Bromomethane	50.000	65.156	-30.3#	117	0.00
6		Chloroethane	50.000	65.938	-31.9#	106	0.00
7		Trichlorofluoromethane	50.000	68.824	-37.6#	108	0.00
8		Acetone	100.000	87.730	12.3	79	0.00
9	CPM	1,1-Dichloroethene	50.000	53.731	-7.5	78	0.00
10		Methylene chloride	50.000	43.165	13.7	60	0.00
11		trans-1,2-Dichloroethene	50.000	49.730	0.5	73	0.00
12		Methyl tert-Butyl ether	50.000	53.897	-7.8	78	0.00
13	P	1,1-Dichloroethane	50.000	51.936	-3.9	76	0.00
		2-Butanone	100.000	87.410	12.6	76	0.00
		cis-1,2-Dichloroethene	50.000	52.107	-4.2	76	0.00
16		Bromochloromethane	50.000	53.243	-6.5	80	0.00
17	CP	Chloroform	50.000	55.658	-11.3	82	0.00
18		2,2-Dichloropropane	50.000	55.809	-11.6	81	0.00
19	S	Dibromofluoromethane	50.000	54.230	-8.5	81	0.00
20	S	1,2-Dichloroethane-d4	50.000	55.726	-11.5	85	0.00
21		1,2-Dichloroethane	50.000	56.340	-12.7	85	0.00
22		1,1,1-Trichloroethane	50.000	56.592	-13.2	81	0.00
23		1,1-Dichloropropene	50.000	53.636	-7.3	77	0.00
24		Carbon tetrachloride	50.000	56.043	-12.1	80	0.00
25	M	Benzene	50.000	55.486	-11.0	76	0.00
26	M	Trichloroethene	50.000	53.564	-7.1	80	0.00
27		Dibromomethane	50.000	54.346	-8.7	81	0.00
28	CP	1,2-Dichloropropane	50.000	50.759	-1.5	77	0.00
29		Bromodichloromethane	50.000	55.303	-10.6	81	0.00
30		4-Methyl-2-pentanone	100.000	107.371	-7.4	84	0.00
31		cis-1,3-Dichloropropene	50.000	54.228	-8.5	78	0.00
32	S	Toluene-d8	50.000	51.813	-3.6	79	0.00
33	CPM	Toluene	50.000	50.331	-0.7	75	0.00
34		trans-1,3-Dichloropropene	50.000	56.333	-12.7	81	0.00
35		1,1,2-Trichloroethane	50.000	52.797	-5.6	79	0.00
36		1,2-Dibromoethane	50.000	52.800	-5.6	78	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
		1,3-Dichloropropane	50.000	52.229	-4.5	79	0.00
		Dibromochloromethane	50.000	49.037	1.9	80	0.00
40		Tetrachloroethene	50.000	54.030	-8.1	80	0.00

(#) = Out of Range

ABM 10-3-07

Data File : C:\HPCHEM\1\DATA\J4614.D
Acq On : 2 Oct 2007 13:40
Sample : CCV-11283
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	52.356	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	50.000	54.054	-8.1	80	0.00
43	PM	Chlorobenzene	50.000	55.258	-10.5	81	0.00
44	CP	Ethylbenzene	50.000	52.979	-6.0	80	0.00
45		(m+p)-Xylene	100.000	110.585	-10.6	77	0.00
46		o-Xylene	50.000	50.885	-1.8	75	0.00
47		Styrene	50.000	55.412	-10.8	76	0.00
48	P	Bromoform	50.000	46.172	7.7	77	0.00
49	S	Bromofluorobenzene	50.000	50.049	-0.1	77	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	55.772	-11.5	79	0.00
52		Isopropylbenzene	50.000	54.733	-9.5	79	0.00
		1,2,3-Trichloropropane	50.000	53.321	-6.6	77	0.00
		Bromobenzene	50.000	55.195	-10.4	79	0.00
55		n-Propylbenzene	50.000	56.212	-12.4	80	0.00
56		2-Chlorotoluene	50.000	56.541	-13.1	78	0.00
57		4-Chlorotoluene	50.000	56.368	-12.7	76	0.00
58		1,3,5-Trimethylbenzene	50.000	58.560	-17.1	77	0.00
59		tert-Butylbenzene	50.000	58.248	-16.5	76	0.00
60		1,2,4-Trimethylbenzene	50.000	57.667	-15.3	77	0.00
61		sec-Butylbenzene	50.000	53.226	-6.5	77	0.00
62		1,3-Dichlorobenzene	50.000	54.518	-9.0	77	0.00
63		p-Isopropyltoluene	50.000	59.536	-19.1	76	0.00
64		1,4-Dichlorobenzene	50.000	52.144	-4.3	76	0.00
65		n-Butylbenzene	50.000	50.507	-1.0	76	0.00
66		1,2-Dichlorobenzene	50.000	53.503	-7.0	76	0.00
67		1,2-Dibromo-3-chloropropane	50.000	51.047	-2.1	72	0.00
68		1,2,4-Trichlorobenzene	50.000	55.823	-11.6	74	0.00
69		Hexachlorobutadiene	50.000	56.046	-12.1	73	0.00
70		Naphthalene	50.000	48.124	3.8	73	0.00
71		1,2,3-Trichlorobenzene	50.000	54.524	-9.0	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11323

SEE ATTACHED

Comments:

AFCEE FORM O-5

Data File : C:\HPCHEM\1\DATA\T0635.D
Acq On : 2 Oct 2007 9:08
Sample : CCV-11323
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	125	0.00
2		Dichlorodifluoromethane	0.478	0.515	-7.7	123	0.00
3	P	Chloromethane	0.570	0.591	-3.7	123	0.00
4	CP	Vinyl chloride	0.494	0.549	-11.1	129	0.00
5		Bromomethane	0.336	0.286	14.9	114	0.00
6		Chloroethane	0.370	0.357	3.5	116	0.00
7		Trichlorofluoromethane	0.605	0.619	-2.3	117	0.00
8		Acetone	0.061	0.069	-13.1	149	0.00
9	CPM	1,1-Dichloroethene	0.195	0.186	4.6	113	0.00
10		Methylene chloride	0.341	0.268	21.4#	118	0.00
11		trans-1,2-Dichloroethene	0.245	0.247	-0.8	121	0.00
12		Methyl tert-Butyl ether	0.600	0.650	-8.3	128	0.00
13	P	1,1-Dichloroethane	0.483	0.509	-5.4	125	0.00
14		2-Butanone	0.095	0.098	-3.2	128	0.00
[illegible]		cis-1,2-Dichloroethene	0.270	0.279	-3.3	125	0.00
[illegible]		Bromochloromethane	0.123	0.119	3.3	122	0.00
17	CP	Chloroform	0.463	0.474	-2.4	123	0.00
18		2,2-Dichloropropane	0.362	0.428	-18.2	138	0.00
19	S	Dibromofluoromethane	0.218	0.218	0.0	122	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.292	-4.3	125	0.00
21		1,2-Dichloroethane	0.334	0.352	-5.4	127	0.00
22		1,1,1-Trichloroethane	0.397	0.432	-8.8	126	0.00
23		1,1-Dichloropropene	0.355	0.385	-8.5	125	0.00
24		Carbon tetrachloride	0.295	0.326	-10.5	130	0.00
25	M	Benzene	1.085	1.151	-6.1	121	0.00
26	M	Trichloroethene	0.281	0.286	-1.8	123	0.00
27		Dibromomethane	0.141	0.140	0.7	122	0.00
28	CP	1,2-Dichloropropane	0.283	0.293	-3.5	126	0.00
29		Bromodichloromethane	0.316	0.331	-4.7	122	0.00
30		4-Methyl-2-pentanone	0.212	0.217	-2.4	128	0.00
31		cis-1,3-Dichloropropene	0.389	0.428	-10.0	128	0.00
32	S	Toluene-d8	0.923	0.995	-7.8	122	0.00
33	CPM	Toluene	0.705	0.776	-10.1	124	0.00
34		trans-1,3-Dichloropropene	0.315	0.362	-14.9	133	0.00
35		1,1,2-Trichloroethane	0.172	0.170	1.2	120	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	126	0.00
37		1,2-Dibromoethane	0.398	0.397	0.3	122	0.00
38		1,3-Dichloropropane	0.801	0.819	-2.2	124	0.00
[illegible]		Dibromochloromethane	0.433	0.422	2.5	117	0.00
[illegible]		Tetrachloroethene	0.581	0.569	2.1	120	0.00

(#) = Out of Range

10/4/07

Data File : C:\HPCHEM\1\DATA\T0635.D
Acq On : 2 Oct 2007 9:08
Sample : CCV-11323
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.883	-19.5	129	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.489	-4.3	128	0.00
43	PM	Chlorobenzene	1.661	1.721	-3.6	123	0.00
44	CP	Ethylbenzene	2.990	3.262	-9.1	123	0.00
45		(m+p)-Xylene	1.003	1.106	-10.3	124	0.00
46		o-Xylene	0.961	1.067	-11.0	126	0.00
47		Styrene	1.479	1.692	-14.4	123	0.00
48	P	Bromoform	0.235	0.224	4.7	115	0.00
49	S	Bromofluorobenzene	0.742	0.799	-7.7	130	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	0.921	0.2	118	0.00
52		Isopropylbenzene	4.246	4.954	-16.7	124	0.00
53		1,2,3-Trichloropropane	0.758	0.717	5.4	111	0.00
		Bromobenzene	1.072	1.097	-2.3	118	0.00
		n-Propylbenzene	4.590	5.397	-17.6	123	0.00
56		2-Chlorotoluene	3.323	3.763	-13.2	125	0.00
57		4-Chlorotoluene	2.710	3.116	-15.0	125	0.00
58		1,3,5-Trimethylbenzene	2.884	3.331	-15.5	120	0.00
59		tert-Butylbenzene	2.644	3.004	-13.6	123	0.00
60		1,2,4-Trimethylbenzene	2.592	3.022	-16.6	121	0.00
61		sec-Butylbenzene	3.754	4.492	-19.7	122	0.00
62		1,3-Dichlorobenzene	1.638	1.761	-7.5	119	0.00
63		p-Isopropyltoluene	2.778	3.333	-20.0	121	0.00
64		1,4-Dichlorobenzene	1.591	1.653	-3.9	118	0.00
65		n-Butylbenzene	2.288	2.894	-26.5#	121	0.00
66		1,2-Dichlorobenzene	1.519	1.623	-6.8	118	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.125	-6.8	115	0.00
68		1,2,4-Trichlorobenzene	0.580	0.782	-34.8#	124	0.00
69		Hexachlorobutadiene	0.456	0.523	-14.7	119	0.00
70		Naphthalene	1.021	1.488	-45.7#	130	0.00
71		1,2,3-Trichlorobenzene	0.569	0.772	-35.7#	120	0.00

Data File : C:\HPCHEM\1\DATA\T0635.D
Acq On : 2 Oct 2007 9:08
Sample : CCV-11323
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	125	0.00
2		Dichlorodifluoromethane	10.000	10.765	-7.7	123	0.00
3	P	Chloromethane	10.000	10.365	-3.7	123	0.00
4	CP	Vinyl chloride	10.000	11.120	-11.2	129	0.00
5		Bromomethane	10.000	8.513	14.9	114	0.00
6		Chloroethane	10.000	9.640	3.6	116	0.00
7		Trichlorofluoromethane	10.000	10.234	-2.3	117	0.00
8		Acetone	20.000	22.580	-12.9	149	0.00
9	CPM	1,1-Dichloroethene	10.000	9.576	4.2	113	0.00
10		Methylene chloride	10.000	9.657	3.4	118	0.00
11		trans-1,2-Dichloroethene	10.000	10.071	-0.7	121	0.00
12		Methyl tert-Butyl ether	10.000	10.844	-8.4	128	0.00
13	P	1,1-Dichloroethane	10.000	10.544	-5.4	125	0.00
14		2-Butanone	20.000	20.594	-3.0	128	0.00
[illegible]		cis-1,2-Dichloroethene	10.000	10.325	-3.2	125	0.00
[illegible]		Bromochloromethane	10.000	9.600	4.0	122	0.00
17	CP	Chloroform	10.000	10.247	-2.5	123	0.00
18		2,2-Dichloropropane	10.000	10.652	-6.5	138	0.00
19	S	Dibromofluoromethane	10.000	10.013	-0.1	122	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.436	-4.4	125	0.00
21		1,2-Dichloroethane	10.000	10.553	-5.5	127	0.00
22		1,1,1-Trichloroethane	10.000	10.876	-8.8	126	0.00
23		1,1-Dichloropropene	10.000	10.850	-8.5	125	0.00
24		Carbon tetrachloride	10.000	9.965	0.4	130	0.00
25	M	Benzene	10.000	10.609	-6.1	121	0.00
26	M	Trichloroethene	10.000	10.184	-1.8	123	0.00
27		Dibromomethane	10.000	9.931	0.7	122	0.00
28	CP	1,2-Dichloropropane	10.000	10.353	-3.5	126	0.00
29		Bromodichloromethane	10.000	10.465	-4.6	122	0.00
30		4-Methyl-2-pentanone	20.000	20.503	-2.5	128	0.00
31		cis-1,3-Dichloropropene	10.000	11.011	-10.1	128	0.00
32	S	Toluene-d8	10.000	10.780	-7.8	122	0.00
33	CPM	Toluene	10.000	11.001	-10.0	124	0.00
34		trans-1,3-Dichloropropene	10.000	9.974	0.3	133	0.00
35		1,1,2-Trichloroethane	10.000	9.863	1.4	120	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	126	0.00
37		1,2-Dibromoethane	10.000	9.983	0.2	122	0.00
38		1,3-Dichloropropane	10.000	10.234	-2.3	124	0.00
[illegible]		Dibromochloromethane	10.000	9.735	2.7	117	0.00
		Tetrachloroethene	10.000	9.783	2.2	120	0.00

(#) = Out of Range

10/4/07

Data File : C:\HPCHEM\1\DATA\T0635.D
Acq On : 2 Oct 2007 9:08
Sample : CCV-11323
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.558	-5.6	129	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.409	-4.1	128	0.00
43	PM	Chlorobenzene	10.000	10.364	-3.6	123	0.00
44	CP	Ethylbenzene	10.000	10.911	-9.1	123	0.00
45		(m+p)-Xylene	20.000	22.061	-10.3	124	0.00
46		o-Xylene	10.000	11.098	-11.0	126	0.00
47		Styrene	10.000	9.925	0.7	123	0.00
48	P	Bromoform	10.000	8.478	15.2	115	0.00
49	S	Bromofluorobenzene	10.000	10.771	-7.7	130	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	118	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	9.975	0.3	118	0.00
52		Isopropylbenzene	10.000	11.666	-16.7	124	0.00
53		1,2,3-Trichloropropane	10.000	9.455	5.4	111	0.00
		Bromobenzene	10.000	10.227	-2.3	118	0.00
		n-Propylbenzene	10.000	11.758	-17.6	123	0.00
56		2-Chlorotoluene	10.000	11.324	-13.2	125	0.00
57		4-Chlorotoluene	10.000	11.497	-15.0	125	0.00
58		1,3,5-Trimethylbenzene	10.000	11.551	-15.5	120	0.00
59		tert-Butylbenzene	10.000	11.361	-13.6	123	0.00
60		1,2,4-Trimethylbenzene	10.000	11.657	-16.6	121	0.00
61		sec-Butylbenzene	10.000	11.966	-19.7	122	0.00
62		1,3-Dichlorobenzene	10.000	10.754	-7.5	119	0.00
63		p-Isopropyltoluene	10.000	11.997	-20.0	121	0.00
64		1,4-Dichlorobenzene	10.000	10.389	-3.9	118	0.00
65		n-Butylbenzene	10.000	11.426	-14.3	121	0.00
66		1,2-Dichlorobenzene	10.000	10.683	-6.8	118	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.301	7.0	115	0.00
68		1,2,4-Trichlorobenzene	10.000	9.818	1.8	124	0.00
69		Hexachlorobutadiene	10.000	9.953	0.5	119	0.00
70		Naphthalene	10.000	10.405	-4.0	130	0.00
71		1,2,3-Trichlorobenzene	10.000	9.825	1.8	120	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11386

SEE ATTACHED

Comments:

AFCEE FORM O-5

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11386
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	112	0.00
2		Dichlorodifluoromethane	0.478	0.515	-7.7	109	0.00
3	P	Chloromethane	0.570	0.607	-6.5	112	0.02
4	CP	Vinyl chloride	0.494	0.558	-13.0	116	0.00
5		Bromomethane	0.336	0.269	19.9	95	0.00
6		Chloroethane	0.370	0.365	1.4	106	0.01
7		Trichlorofluoromethane	0.605	0.639	-5.6	107	0.01
8		Acetone	0.061	0.064	-4.9	123	0.00
9	CPM	1,1-Dichloroethene	0.195	0.185	5.1	100	0.00
10		Methylene chloride	0.341	0.258	24.3#	101	0.00
11		trans-1,2-Dichloroethene	0.245	0.242	1.2	105	0.00
12		Methyl tert-Butyl ether	0.600	0.656	-9.3	115	0.00
13	P	1,1-Dichloroethane	0.483	0.512	-6.0	112	0.00
14		2-Butanone	0.095	0.106	-11.6	122	0.00
[illegible]		cis-1,2-Dichloroethene	0.270	0.275	-1.9	109	0.00
[illegible]		Bromochloromethane	0.123	0.119	3.3	109	0.00
17	CP	Chloroform	0.463	0.479	-3.5	110	0.00
18		2,2-Dichloropropane	0.362	0.436	-20.4#	125	0.00
19	S	Dibromofluoromethane	0.218	0.219	-0.5	109	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.296	-5.7	113	0.00
21		1,2-Dichloroethane	0.334	0.358	-7.2	115	0.00
22		1,1,1-Trichloroethane	0.397	0.431	-8.6	112	0.00
23		1,1-Dichloropropene	0.355	0.377	-6.2	109	0.00
24		Carbon tetrachloride	0.295	0.337	-14.2	119	0.00
25	M	Benzene	1.085	1.146	-5.6	107	0.00
26	M	Trichloroethene	0.281	0.287	-2.1	109	0.00
27		Dibromomethane	0.141	0.142	-0.7	111	0.00
28	CP	1,2-Dichloropropane	0.283	0.294	-3.9	113	0.00
29		Bromodichloromethane	0.316	0.341	-7.9	112	0.00
30		4-Methyl-2-pentanone	0.212	0.234	-10.4	122	0.00
31		cis-1,3-Dichloropropene	0.389	0.438	-12.6	116	0.00
32	S	Toluene-d8	0.923	0.999	-8.2	109	0.00
33	CPM	Toluene	0.705	0.775	-9.9	111	0.00
34		trans-1,3-Dichloropropene	0.315	0.368	-16.8	120	0.00
35		1,1,2-Trichloroethane	0.172	0.174	-1.2	109	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
37		1,2-Dibromoethane	0.398	0.390	2.0	108	0.00
38		1,3-Dichloropropane	0.801	0.817	-2.0	111	0.00
[illegible]		Dibromochloromethane	0.433	0.438	-1.2	110	0.00
[illegible]		Tetrachloroethene	0.581	0.555	4.5	106	0.00

(#) = Out of Range

10/8/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11386
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.817	-10.6	108	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.496	-5.8	118	0.00
43	PM	Chlorobenzene	1.661	1.686	-1.5	108	0.00
44	CP	Ethylbenzene	2.990	3.271	-9.4	112	0.00
45		(m+p)-Xylene	1.003	1.041	-3.8	106	0.00
46		o-Xylene	0.961	1.000	-4.1	106	0.00
47		Styrene	1.479	1.574	-6.4	103	0.00
48	P	Bromoform	0.235	0.239	-1.7	111	0.00
49	S	Bromofluorobenzene	0.742	0.772	-4.0	113	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	1.029	-11.5	110	0.00
52		Isopropylbenzene	4.246	5.103	-20.2#	107	0.00
53		1,2,3-Trichloropropane	0.758	0.812	-7.1	105	0.00
		Bromobenzene	1.072	1.158	-8.0	104	0.00
55		n-Propylbenzene	4.590	5.454	-18.8	104	0.00
56		2-Chlorotoluene	3.323	3.830	-15.3	106	0.00
57		4-Chlorotoluene	2.710	3.134	-15.6	105	0.00
58		1,3,5-Trimethylbenzene	2.884	3.387	-17.4	102	0.00
59		tert-Butylbenzene	2.644	3.016	-14.1	103	0.00
60		1,2,4-Trimethylbenzene	2.592	3.099	-19.6	103	0.00
61		sec-Butylbenzene	3.754	4.508	-20.1#	102	0.00
62		1,3-Dichlorobenzene	1.638	1.759	-7.4	100	0.00
63		p-Isopropyltoluene	2.778	3.331	-19.9	101	0.00
64		1,4-Dichlorobenzene	1.591	1.637	-2.9	97	0.00
65		n-Butylbenzene	2.288	2.961	-29.4#	103	0.00
66		1,2-Dichlorobenzene	1.519	1.654	-8.9	100	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.145	-23.9#	111	0.00
68		1,2,4-Trichlorobenzene	0.580	0.790	-36.2#	104	0.00
69		Hexachlorobutadiene	0.456	0.524	-14.9	100	0.00
70		Naphthalene	1.021	1.475	-44.5#	107	0.00
71		1,2,3-Trichlorobenzene	0.569	0.776	-36.4#	101	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11386
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	112	0.00
2		Dichlorodifluoromethane	10.000	10.774	-7.7	109	0.00
3	P	Chloromethane	10.000	10.642	-6.4	112	0.02
4	CP	Vinyl chloride	10.000	11.301	-13.0	116	0.00
5		Bromomethane	10.000	7.993	20.1#	95	0.00
6		Chloroethane	10.000	9.858	1.4	106	0.01
7		Trichlorofluoromethane	10.000	10.565	-5.6	107	0.01
8		Acetone	20.000	20.879	-4.4	123	0.00
9	CPM	1,1-Dichloroethene	10.000	9.493	5.1	100	0.00
10		Methylene chloride	10.000	9.269	7.3	101	0.00
11		trans-1,2-Dichloroethene	10.000	9.900	1.0	105	0.00
12		Methyl tert-Butyl ether	10.000	10.941	-9.4	115	0.00
13	P	1,1-Dichloroethane	10.000	10.600	-6.0	112	0.00
14		2-Butanone	20.000	22.193	-11.0	122	0.00
		cis-1,2-Dichloroethene	10.000	10.182	-1.8	109	0.00
16		Bromochloromethane	10.000	9.637	3.6	109	0.00
17	CP	Chloroform	10.000	10.363	-3.6	110	0.00
18		2,2-Dichloropropane	10.000	10.856	-8.6	125	0.00
19	S	Dibromofluoromethane	10.000	10.066	-0.7	109	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.564	-5.6	113	0.00
21		1,2-Dichloroethane	10.000	10.722	-7.2	115	0.00
22		1,1,1-Trichloroethane	10.000	10.856	-8.6	112	0.00
23		1,1-Dichloropropene	10.000	10.640	-6.4	109	0.00
24		Carbon tetrachloride	10.000	10.279	-2.8	119	0.00
25	M	Benzene	10.000	10.567	-5.7	107	0.00
26	M	Trichloroethene	10.000	10.213	-2.1	109	0.00
27		Dibromomethane	10.000	10.106	-1.1	111	0.00
28	CP	1,2-Dichloropropane	10.000	10.392	-3.9	113	0.00
29		Bromodichloromethane	10.000	10.794	-7.9	112	0.00
30		4-Methyl-2-pentanone	20.000	22.070	-10.4	122	0.00
31		cis-1,3-Dichloropropene	10.000	11.249	-12.5	116	0.00
32	S	Toluene-d8	10.000	10.831	-8.3	109	0.00
33	CPM	Toluene	10.000	10.987	-9.9	111	0.00
34		trans-1,3-Dichloropropene	10.000	10.144	-1.4	120	0.00
35		1,1,2-Trichloroethane	10.000	10.074	-0.7	109	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	114	0.00
37		1,2-Dibromoethane	10.000	9.798	2.0	108	0.00
38		1,3-Dichloropropane	10.000	10.207	-2.1	111	0.00
39		Dibromochloromethane	10.000	10.110	-1.1	110	0.00
		Tetrachloroethene	10.000	9.544	4.6	106	0.00

(#) = Out of Range

10/8/07

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11386
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.790	2.1	108	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.573	-5.7	118	0.00
43	PM	Chlorobenzene	10.000	10.153	-1.5	108	0.00
44	CP	Ethylbenzene	10.000	10.940	-9.4	112	0.00
45		(m+p)-Xylene	20.000	20.766	-3.8	106	0.00
46		o-Xylene	10.000	10.402	-4.0	106	0.00
47		Styrene	10.000	9.249	7.5	103	0.00
48	P	Bromoform	10.000	8.998	10.0	111	0.00
49	S	Bromofluorobenzene	10.000	10.410	-4.1	113	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	98	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.153	-11.5	110	0.00
52		Isopropylbenzene	10.000	12.018	-20.2#	107	0.00
53		1,2,3-Trichloropropane	10.000	10.716	-7.2	105	0.00
		Bromobenzene	10.000	10.798	-8.0	104	0.00
55		n-Propylbenzene	10.000	11.882	-18.8	104	0.00
56		2-Chlorotoluene	10.000	11.526	-15.3	106	0.00
57		4-Chlorotoluene	10.000	11.563	-15.6	105	0.00
58		1,3,5-Trimethylbenzene	10.000	11.745	-17.4	102	0.00
59		tert-Butylbenzene	10.000	11.404	-14.0	103	0.00
60		1,2,4-Trimethylbenzene	10.000	11.955	-19.6	103	0.00
61		sec-Butylbenzene	10.000	12.009	-20.1#	102	0.00
62		1,3-Dichlorobenzene	10.000	10.742	-7.4	100	0.00
63		p-Isopropyltoluene	10.000	11.990	-19.9	101	0.00
64		1,4-Dichlorobenzene	10.000	10.290	-2.9	97	0.00
65		n-Butylbenzene	10.000	11.704	-17.0	103	0.00
66		1,2-Dichlorobenzene	10.000	10.889	-8.9	100	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.636	-6.4	111	0.00
68		1,2,4-Trichlorobenzene	10.000	9.914	0.9	104	0.00
69		Hexachlorobutadiene	10.000	9.968	0.3	100	0.00
70		Naphthalene	10.000	10.316	-3.2	107	0.00
71		1,2,3-Trichlorobenzene	10.000	9.874	1.3	101	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11241
Initial Calibration ID:	1056	**File ID:**	J4597.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.000750	0.00500	F
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.000790	0.00250	F
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00550	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11241
Initial Calibration ID:	1056	**File ID:**	J4597.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.000660	0.00500	F
Ethylbenzene	0.000810	0.00500	F
Hexachlorobutadiene	0.000520	0.00300	F
Isopropylbenzene	0.000890	0.00500	F
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00180	0.00500	F
n-Propylbenzene	0.000910	0.00500	F
Naphthalene	0.00161	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00106	0.00500	F
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00104	0.00500	F
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.000750	0.00500	F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	111	84 - 118	
Dibromofluoromethane	107	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11241
Initial Calibration ID:	1056	**File ID:**	J4597.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1979677	1061351 - 4245404	
Chlorobenzene-d5	2402586	1422324 - 5689294	
Fluorobenzene	5309340	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11283
Initial Calibration ID:	1056	**File ID:**	J4618.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00790	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00114	0.0100	F
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11283
Initial Calibration ID:	1056	**File ID:**	J4618.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00166	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	106	84 - 118	
Dibromofluoromethane	103	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11283
Initial Calibration ID:	1056	**File ID:**	J4618.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	109	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1555466	1061351 - 4245404	
Chlorobenzene-d5	2202155	1422324 - 5689294	
Fluorobenzene	5162099	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11323
Initial Calibration ID:	1060	**File ID:**	T0640.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.492	5.00	F
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11323
Initial Calibration ID:	1060	**File ID:**	T0640.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	97	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11323
Initial Calibration ID:	1060	**File ID:**	T0640.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	716228	443553 - 1774212	
Chlorobenzene-d5	1561241	698816 - 2795262	
Fluorobenzene	3564018	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11386
Initial Calibration ID:	1060	**File ID:**	T0662.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11386
Initial Calibration ID:	1060	**File ID:**	T0662.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	98	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11386
Initial Calibration ID:	1060	**File ID:**	T0662.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	590155	443553 - 1774212	
Chlorobenzene-d5	1347880	698816 - 2795262	
Fluorobenzene	3053854	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6284
Initial Calibration ID:	1060	**File ID:**	T0641.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.960	5.00	F
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6284
Initial Calibration ID:	1060	**File ID:**	T0641.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6284
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6284
Initial Calibration ID:	1060	**File ID:**	T0641.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	590356	443553 - 1774212	
Chlorobenzene-d5	1495755	698816 - 2795262	
Fluorobenzene	3454414	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4593.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.109	109	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0518	104	74 - 125	
1,1,1-Trichloroethane	0.05	0.0547	109	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0516	103	59 - 140	
1,1,2-Trichloroethane	0.05	0.0498	100	62 - 127	
1,1-Dichloroethane	0.05	0.0509	102	73 - 125	
1,1-Dichloroethene	0.05	0.0479	96	65 - 136	
1,1-Dichloropropene	0.05	0.0508	102	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0565	113	62 - 133	
1,2,3-Trichloropropane	0.05	0.0508	102	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0556	111	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0567	113	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0480	96	49 - 135	
1,2-Dibromoethane	0.05	0.0502	100	70 - 124	
1,2-Dichlorobenzene	0.05	0.0518	104	74 - 120	
1,2-Dichloroethane	0.05	0.0537	107	72 - 137	
1,2-Dichloropropane	0.05	0.0492	98	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0572	114	65 - 133	
1,3-Dichlorobenzene	0.05	0.0527	105	72 - 124	
1,3-Dichloropropane	0.05	0.0498	100	76 - 123	
1,4-Dichlorobenzene	0.05	0.0504	101	72 - 125	
1-Chlorohexane	0.05	0.0490	98	60 - 135	
2,2-Dichloropropane	0.05	0.0549	110	67 - 134	
2-Butanone	0.1	0.0919	92	40 - 135	
2-Chlorotoluene	0.05	0.0547	109	69 - 128	
4-Chlorotoluene	0.05	0.0539	108	73 - 126	
4-Methyl-2-pentanone	0.1	0.103	103	47 - 147	
Acetone	0.1	0.110	110	40 - 141	
Benzene	0.05	0.0531	106	73 - 126	
Bromobenzene	0.05	0.0537	107	66 - 121	
Bromochloromethane	0.05	0.0522	104	71 - 127	
Bromodichloromethane	0.05	0.0527	105	72 - 128	
Bromoform	0.05	0.0441	88	66 - 137	
Bromomethane	0.05	0.0523	105	45 - 141	
Carbon tetrachloride	0.05	0.0542	108	67 - 133	
Chlorobenzene	0.05	0.0530	106	75 - 123	
Chloroethane	0.05	0.0589	118	41 - 141	
Chloroform	0.05	0.0535	107	72 - 124	
Chloromethane	0.05	0.0362	72	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0511	102	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0515	103	72 - 126	
Dibromochloromethane	0.05	0.0463	93	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4593.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0518	104	73 - 128	
Dichlorodifluoromethane	0.05	0.0328	66	34 - 136	
Ethylbenzene	0.05	0.0500	100	74 - 127	
Hexachlorobutadiene	0.05	0.0521	104	53 - 142	
Isopropylbenzene	0.05	0.0521	104	77 - 129	
Methyl tert-butyl ether	0.05	0.0546	109	50 - 135	
Methylene chloride	0.05	0.0433	87	63 - 137	
n-Butylbenzene	0.05	0.0488	98	65 - 138	
n-Propylbenzene	0.05	0.0536	107	63 - 135	
Naphthalene	0.05	0.0507	101	51 - 135	
o-Xylene	0.05	0.0505	101	77 - 125	
p-Isopropyltoluene	0.05	0.0578	116	75 - 133	
sec-Butylbenzene	0.05	0.0512	102	63 - 132	
Styrene	0.05	0.0549	110	74 - 128	
tert-Butylbenzene	0.05	0.0574	115	65 - 132	
Tetrachloroethene	0.05	0.0501	100	67 - 139	
Toluene	0.05	0.0482	96	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0485	97	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0536	107	65 - 127	
Trichloroethene	0.05	0.0508	102	77 - 124	
Trichlorofluoromethane	0.05	0.0587	117	49 - 139	
Vinyl chloride	0.05	0.0461	92	58 - 126	
Xylenes (total)	0.15	0.159	106	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	114	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	111	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2059739	1061351 - 4245404	
Chlorobenzene-d5	2893396	1422324 - 5689294	
Fluorobenzene	6723592	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4615.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.108	108	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0530	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0555	111	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0518	104	59 - 140	
1,1,2-Trichloroethane	0.05	0.0464	93	62 - 127	
1,1-Dichloroethane	0.05	0.0514	103	73 - 125	
1,1-Dichloroethene	0.05	0.0486	97	65 - 136	
1,1-Dichloropropene	0.05	0.0530	106	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0504	101	62 - 133	
1,2,3-Trichloropropane	0.05	0.0486	97	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0553	111	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0585	117	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0456	91	49 - 135	
1,2-Dibromoethane	0.05	0.0461	92	70 - 124	
1,2-Dichlorobenzene	0.05	0.0517	103	74 - 120	
1,2-Dichloroethane	0.05	0.0510	102	72 - 137	
1,2-Dichloropropane	0.05	0.0482	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0603	121	65 - 133	
1,3-Dichlorobenzene	0.05	0.0548	110	72 - 124	
1,3-Dichloropropane	0.05	0.0484	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0520	104	72 - 125	
1-Chlorohexane	0.05	0.0527	105	60 - 135	
2,2-Dichloropropane	0.05	0.0559	112	67 - 134	
2-Butanone	0.1	0.0829	83	40 - 135	
2-Chlorotoluene	0.05	0.0576	115	69 - 128	
4-Chlorotoluene	0.05	0.0568	114	73 - 126	
4-Methyl-2-pentanone	0.1	0.0845	84	47 - 147	
Acetone	0.1	0.113	113	40 - 141	
Benzene	0.05	0.0536	107	73 - 126	
Bromobenzene	0.05	0.0550	110	66 - 121	
Bromochloromethane	0.05	0.0493	99	71 - 127	
Bromodichloromethane	0.05	0.0514	103	72 - 128	
Bromoform	0.05	0.0427	85	66 - 137	
Bromomethane	0.05	0.0561	112	45 - 141	
Carbon tetrachloride	0.05	0.0554	111	67 - 133	
Chlorobenzene	0.05	0.0543	109	75 - 123	
Chloroethane	0.05	0.0606	121	41 - 141	
Chloroform	0.05	0.0532	106	72 - 124	
Chloromethane	0.05	0.0362	73	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0509	102	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0504	101	72 - 126	
Dibromochloromethane	0.05	0.0467	93	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4615.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0481	96	73 - 128	
Dichlorodifluoromethane	0.05	0.0335	67	34 - 136	
Ethylbenzene	0.05	0.0521	104	74 - 127	
Hexachlorobutadiene	0.05	0.0560	112	53 - 142	
Isopropylbenzene	0.05	0.0563	113	77 - 129	
Methyl tert-butyl ether	0.05	0.0515	103	50 - 135	
Methylene chloride	0.05	0.0418	84	63 - 137	
n-Butylbenzene	0.05	0.0528	106	65 - 138	
n-Propylbenzene	0.05	0.0584	117	63 - 135	
Naphthalene	0.05	0.0425	85	51 - 135	
o-Xylene	0.05	0.0492	98	77 - 125	
p-Isopropyltoluene	0.05	0.0607	121	75 - 133	
sec-Butylbenzene	0.05	0.0536	107	63 - 132	
Styrene	0.05	0.0524	105	74 - 128	
tert-Butylbenzene	0.05	0.0583	117	65 - 132	
Tetrachloroethene	0.05	0.0553	111	67 - 139	
Toluene	0.05	0.0476	95	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0502	100	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0512	103	65 - 127	
Trichloroethene	0.05	0.0531	106	77 - 124	
Trichlorofluoromethane	0.05	0.0653	131	49 - 139	
Vinyl chloride	0.05	0.0473	95	58 - 126	
Xylenes (total)	0.15	0.158	105	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	108	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1794157	1061351 - 4245404	
Chlorobenzene-d5	2683318	1422324 - 5689294	
Fluorobenzene	6510486	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11323 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0636.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.27	105	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.56	102	74 - 125	
1,1,1-Trichloroethane	2.5	2.70	108	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.57	103	59 - 140	
1,1,2-Trichloroethane	2.5	2.49	100	62 - 127	
1,1-Dichloroethane	2.5	2.62	105	73 - 125	
1,1-Dichloroethene	2.5	2.45	98	65 - 136	
1,1-Dichloropropene	2.5	2.66	106	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.50	100	62 - 133	
1,2,3-Trichloropropane	2.5	2.49	100	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.50	100	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.91	116	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.41	96	49 - 135	
1,2-Dibromoethane	2.5	2.45	98	70 - 124	
1,2-Dichlorobenzene	2.5	2.70	108	74 - 120	
1,2-Dichloroethane	2.5	2.63	105	72 - 137	
1,2-Dichloropropane	2.5	2.57	103	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.87	115	65 - 133	
1,3-Dichlorobenzene	2.5	2.67	107	72 - 124	
1,3-Dichloropropane	2.5	2.52	101	76 - 123	
1,4-Dichlorobenzene	2.5	2.58	103	72 - 125	
1-Chlorohexane	2.5	2.57	103	60 - 135	
2,2-Dichloropropane	2.5	2.61	104	67 - 134	
2-Butanone	5	5.59	112	40 - 135	
2-Chlorotoluene	2.5	2.80	112	69 - 128	
4-Chlorotoluene	2.5	2.86	114	73 - 126	
4-Methyl-2-pentanone	5	5.11	102	47 - 147	
Acetone	5	7.30	146	40 - 141	*
Benzene	2.5	2.62	105	73 - 126	
Bromobenzene	2.5	2.59	104	66 - 121	
Bromochloromethane	2.5	2.42	97	71 - 127	
Bromodichloromethane	2.5	2.63	105	72 - 128	
Bromoform	2.5	2.13	85	66 - 137	
Bromomethane	2.5	2.17	87	45 - 141	
Carbon tetrachloride	2.5	2.47	99	67 - 133	
Chlorobenzene	2.5	2.55	102	75 - 123	
Chloroethane	2.5	2.45	98	41 - 141	
Chloroform	2.5	2.57	103	72 - 124	
Chloromethane	2.5	2.46	98	51 - 129	
cis-1,2-Dichloroethene	2.5	2.54	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.75	110	72 - 126	
Dibromochloromethane	2.5	2.42	97	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11323 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0636.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.52	101	73 - 128	
Dichlorodifluoromethane	2.5	2.54	102	34 - 136	
Ethylbenzene	2.5	2.69	108	74 - 127	
Hexachlorobutadiene	2.5	2.50	100	53 - 142	
Isopropylbenzene	2.5	2.94	118	77 - 129	
Methyl tert-butyl ether	2.5	2.82	113	50 - 135	
Methylene chloride	2.5	2.41	96	63 - 137	
n-Butylbenzene	2.5	2.82	113	65 - 138	
n-Propylbenzene	2.5	2.92	117	63 - 135	
Naphthalene	2.5	2.60	104	51 - 135	
o-Xylene	2.5	2.68	107	77 - 125	
p-Isopropyltoluene	2.5	2.96	118	75 - 133	
sec-Butylbenzene	2.5	2.95	118	63 - 132	
Styrene	2.5	2.36	94	74 - 128	
tert-Butylbenzene	2.5	2.84	114	65 - 132	
Tetrachloroethene	2.5	2.41	96	67 - 139	
Toluene	2.5	2.74	110	71 - 127	
trans-1,2-Dichloroethene	2.5	2.50	100	66 - 134	
trans-1,3-Dichloropropene	2.5	2.45	98	65 - 127	
Trichloroethene	2.5	2.56	102	77 - 124	
Trichlorofluoromethane	2.5	2.54	102	49 - 139	
Vinyl chloride	2.5	2.66	106	58 - 126	
Xylenes (total)	7.5	7.94	106	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	104	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	982233	443553 - 1774212	
Chlorobenzene-d5	1731712	698816 - 2795262	
Fluorobenzene	3718116	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11386 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0659.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.24	105	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.60	104	74 - 125	
1,1,1-Trichloroethane	2.5	2.76	111	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.77	111	59 - 140	
1,1,2-Trichloroethane	2.5	2.59	104	62 - 127	
1,1-Dichloroethane	2.5	2.66	106	73 - 125	
1,1-Dichloroethene	2.5	2.41	96	65 - 136	
1,1-Dichloropropene	2.5	2.72	109	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.58	103	62 - 133	
1,2,3-Trichloropropane	2.5	2.70	108	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.51	100	65 - 131	
1,2,4-Trimethylbenzene	2.5	3.03	121	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.67	107	49 - 135	
1,2-Dibromoethane	2.5	2.47	99	70 - 124	
1,2-Dichlorobenzene	2.5	2.79	112	74 - 120	
1,2-Dichloroethane	2.5	2.73	109	72 - 137	
1,2-Dichloropropane	2.5	2.62	105	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.99	120	65 - 133	
1,3-Dichlorobenzene	2.5	2.74	110	72 - 124	
1,3-Dichloropropane	2.5	2.58	103	76 - 123	
1,4-Dichlorobenzene	2.5	2.63	105	72 - 125	
1-Chlorohexane	2.5	2.46	98	60 - 135	
2,2-Dichloropropane	2.5	2.61	104	67 - 134	
2-Butanone	5	5.80	116	40 - 135	
2-Chlorotoluene	2.5	2.96	118	69 - 128	
4-Chlorotoluene	2.5	2.96	119	73 - 126	
4-Methyl-2-pentanone	5	5.18	104	47 - 147	
Acetone	5	6.93	139	40 - 141	
Benzene	2.5	2.70	108	73 - 126	
Bromobenzene	2.5	2.76	110	66 - 121	
Bromochloromethane	2.5	2.39	96	71 - 127	
Bromodichloromethane	2.5	2.73	109	72 - 128	
Bromoform	2.5	2.24	90	66 - 137	
Bromomethane	2.5	2.12	85	45 - 141	
Carbon tetrachloride	2.5	2.59	104	67 - 133	
Chlorobenzene	2.5	2.56	102	75 - 123	
Chloroethane	2.5	2.49	100	41 - 141	
Chloroform	2.5	2.63	105	72 - 124	
Chloromethane	2.5	2.58	103	51 - 129	
cis-1,2-Dichloroethene	2.5	2.59	104	67 - 125	
cis-1,3-Dichloropropene	2.5	2.81	112	72 - 126	
Dibromochloromethane	2.5	2.52	101	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11386 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0659.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.53	101	73 - 128	
Dichlorodifluoromethane	2.5	2.54	101	34 - 136	
Ethylbenzene	2.5	2.76	110	74 - 127	
Hexachlorobutadiene	2.5	2.53	101	53 - 142	
Isopropylbenzene	2.5	3.09	124	77 - 129	
Methyl tert-butyl ether	2.5	2.86	114	50 - 135	
Methylene chloride	2.5	2.39	96	63 - 137	
n-Butylbenzene	2.5	2.90	116	65 - 138	
n-Propylbenzene	2.5	3.05	122	63 - 135	
Naphthalene	2.5	2.68	107	51 - 135	
o-Xylene	2.5	2.64	106	77 - 125	
p-Isopropyltoluene	2.5	3.04	122	75 - 133	
sec-Butylbenzene	2.5	3.07	123	63 - 132	
Styrene	2.5	2.33	93	74 - 128	
tert-Butylbenzene	2.5	2.92	117	65 - 132	
Tetrachloroethene	2.5	2.43	97	67 - 139	
Toluene	2.5	2.78	111	71 - 127	
trans-1,2-Dichloroethene	2.5	2.49	100	66 - 134	
trans-1,3-Dichloropropene	2.5	2.55	102	65 - 127	
Trichloroethene	2.5	2.67	107	77 - 124	
Trichlorofluoromethane	2.5	2.64	106	49 - 139	
Vinyl chloride	2.5	2.78	111	58 - 126	
Xylenes (total)	7.5	7.88	105	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	830334	443553 - 1774212	
Chlorobenzene-d5	1541560	698816 - 2795262	
Fluorobenzene	3282968	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4594.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.107	107	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0507	101	74 - 125	
1,1,1-Trichloroethane	0.05	0.0537	107	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0483	97	59 - 140	
1,1,2-Trichloroethane	0.05	0.0479	96	62 - 127	
1,1-Dichloroethane	0.05	0.0496	99	73 - 125	
1,1-Dichloroethene	0.05	0.0470	94	65 - 136	
1,1-Dichloropropene	0.05	0.0511	102	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0541	108	62 - 133	
1,2,3-Trichloropropane	0.05	0.0469	94	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0558	112	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0556	111	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0441	88	49 - 135	
1,2-Dibromoethane	0.05	0.0480	96	70 - 124	
1,2-Dichlorobenzene	0.05	0.0497	99	74 - 120	
1,2-Dichloroethane	0.05	0.0526	105	72 - 137	
1,2-Dichloropropane	0.05	0.0478	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0563	113	65 - 133	
1,3-Dichlorobenzene	0.05	0.0518	104	72 - 124	
1,3-Dichloropropane	0.05	0.0478	96	76 - 123	
1,4-Dichlorobenzene	0.05	0.0497	99	72 - 125	
1-Chlorohexane	0.05	0.0512	102	60 - 135	
2,2-Dichloropropane	0.05	0.0550	110	67 - 134	
2-Butanone	0.1	0.0944	94	40 - 135	
2-Chlorotoluene	0.05	0.0536	107	69 - 128	
4-Chlorotoluene	0.05	0.0530	106	73 - 126	
4-Methyl-2-pentanone	0.1	0.100	100	47 - 147	
Acetone	0.1	0.119	119	40 - 141	
Benzene	0.05	0.0518	104	73 - 126	
Bromobenzene	0.05	0.0516	103	66 - 121	
Bromochloromethane	0.05	0.0503	101	71 - 127	
Bromodichloromethane	0.05	0.0511	102	72 - 128	
Bromoform	0.05	0.0425	85	66 - 137	
Bromomethane	0.05	0.0543	109	45 - 141	
Carbon tetrachloride	0.05	0.0532	106	67 - 133	
Chlorobenzene	0.05	0.0519	104	75 - 123	
Chloroethane	0.05	0.0613	123	41 - 141	
Chloroform	0.05	0.0520	104	72 - 124	
Chloromethane	0.05	0.0379	76	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0497	99	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0509	102	72 - 126	
Dibromochloromethane	0.05	0.0453	91	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4594.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0491	98	73 - 128	
Dichlorodifluoromethane	0.05	0.0355	71	34 - 136	
Ethylbenzene	0.05	0.0501	100	74 - 127	
Hexachlorobutadiene	0.05	0.0537	107	53 - 142	
Isopropylbenzene	0.05	0.0509	102	77 - 129	
Methyl tert-butyl ether	0.05	0.0523	105	50 - 135	
Methylene chloride	0.05	0.0413	83	63 - 137	
n-Butylbenzene	0.05	0.0505	101	65 - 138	
n-Propylbenzene	0.05	0.0532	106	63 - 135	
Naphthalene	0.05	0.0451	90	51 - 135	
o-Xylene	0.05	0.0495	99	77 - 125	
p-Isopropyltoluene	0.05	0.0582	116	75 - 133	
sec-Butylbenzene	0.05	0.0505	101	63 - 132	
Styrene	0.05	0.0532	106	74 - 128	
tert-Butylbenzene	0.05	0.0552	110	65 - 132	
Tetrachloroethene	0.05	0.0513	103	67 - 139	
Toluene	0.05	0.0472	94	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0479	96	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0523	105	65 - 127	
Trichloroethene	0.05	0.0505	101	77 - 124	
Trichlorofluoromethane	0.05	0.0630	126	49 - 139	
Vinyl chloride	0.05	0.0479	96	58 - 126	
Xylenes (total)	0.15	0.157	104	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	112	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2215224	1061351 - 4245404	
Chlorobenzene-d5	3075502	1422324 - 5689294	
Fluorobenzene	7156550	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4616.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.109	109	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0528	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0559	112	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0523	105	59 - 140	
1,1,2-Trichloroethane	0.05	0.0499	100	62 - 127	
1,1-Dichloroethane	0.05	0.0523	105	73 - 125	
1,1-Dichloroethene	0.05	0.0486	97	65 - 136	
1,1-Dichloropropene	0.05	0.0529	106	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0535	107	62 - 133	
1,2,3-Trichloropropane	0.05	0.0504	101	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0555	111	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0578	116	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0495	99	49 - 135	
1,2-Dibromoethane	0.05	0.0500	100	70 - 124	
1,2-Dichlorobenzene	0.05	0.0527	105	74 - 120	
1,2-Dichloroethane	0.05	0.0540	108	72 - 137	
1,2-Dichloropropane	0.05	0.0492	98	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0589	118	65 - 133	
1,3-Dichlorobenzene	0.05	0.0537	107	72 - 124	
1,3-Dichloropropane	0.05	0.0500	100	76 - 123	
1,4-Dichlorobenzene	0.05	0.0515	103	72 - 125	
1-Chlorohexane	0.05	0.0513	103	60 - 135	
2,2-Dichloropropane	0.05	0.0563	113	67 - 134	
2-Butanone	0.1	0.100	100	40 - 135	
2-Chlorotoluene	0.05	0.0566	113	69 - 128	
4-Chlorotoluene	0.05	0.0559	112	73 - 126	
4-Methyl-2-pentanone	0.1	0.103	103	47 - 147	
Acetone	0.1	0.135	135	40 - 141	
Benzene	0.05	0.0539	108	73 - 126	
Bromobenzene	0.05	0.0544	109	66 - 121	
Bromochloromethane	0.05	0.0511	102	71 - 127	
Bromodichloromethane	0.05	0.0531	106	72 - 128	
Bromoform	0.05	0.0444	89	66 - 137	
Bromomethane	0.05	0.0563	113	45 - 141	
Carbon tetrachloride	0.05	0.0564	113	67 - 133	
Chlorobenzene	0.05	0.0539	108	75 - 123	
Chloroethane	0.05	0.0593	119	41 - 141	
Chloroform	0.05	0.0541	108	72 - 124	
Chloromethane	0.05	0.0352	70	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0519	104	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0522	104	72 - 126	
Dibromochloromethane	0.05	0.0476	95	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4616.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0510	102	73 - 128	
Dichlorodifluoromethane	0.05	0.0320	64	34 - 136	
Ethylbenzene	0.05	0.0519	104	74 - 127	
Hexachlorobutadiene	0.05	0.0561	112	53 - 142	
Isopropylbenzene	0.05	0.0546	109	77 - 129	
Methyl tert-butyl ether	0.05	0.0554	111	50 - 135	
Methylene chloride	0.05	0.0431	86	63 - 137	
n-Butylbenzene	0.05	0.0506	101	65 - 138	
n-Propylbenzene	0.05	0.0560	112	63 - 135	
Naphthalene	0.05	0.0475	95	51 - 135	
o-Xylene	0.05	0.0502	100	77 - 125	
p-Isopropyltoluene	0.05	0.0594	119	75 - 133	
sec-Butylbenzene	0.05	0.0529	106	63 - 132	
Styrene	0.05	0.0535	107	74 - 128	
tert-Butylbenzene	0.05	0.0583	117	65 - 132	
Tetrachloroethene	0.05	0.0530	106	67 - 139	
Toluene	0.05	0.0486	97	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0499	100	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0536	107	65 - 127	
Trichloroethene	0.05	0.0528	106	77 - 124	
Trichlorofluoromethane	0.05	0.0619	124	49 - 139	
Vinyl chloride	0.05	0.0470	94	58 - 126	
Xylenes (total)	0.15	0.159	106	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	111	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1754614	1061351 - 4245404	
Chlorobenzene-d5	2545803	1422324 - 5689294	
Fluorobenzene	5974386	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11386 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0660.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.63	113	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.88	115	74 - 125	
1,1,1-Trichloroethane	2.5	2.96	118	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	3.07	123	59 - 140	
1,1,2-Trichloroethane	2.5	2.78	111	62 - 127	
1,1-Dichloroethane	2.5	2.90	116	73 - 125	
1,1-Dichloroethene	2.5	2.64	106	65 - 136	
1,1-Dichloropropene	2.5	2.90	116	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.70	108	62 - 133	
1,2,3-Trichloropropane	2.5	2.63	105	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.68	107	65 - 131	
1,2,4-Trimethylbenzene	2.5	3.30	132	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.90	116	49 - 135	
1,2-Dibromoethane	2.5	2.77	111	70 - 124	
1,2-Dichlorobenzene	2.5	3.02	121	74 - 120	*
1,2-Dichloroethane	2.5	2.95	118	72 - 137	
1,2-Dichloropropane	2.5	2.86	114	71 - 120	
1,3,5-Trimethylbenzene	2.5	3.26	131	65 - 133	
1,3-Dichlorobenzene	2.5	2.98	119	72 - 124	
1,3-Dichloropropane	2.5	2.86	114	76 - 123	
1,4-Dichlorobenzene	2.5	2.88	115	72 - 125	
1-Chlorohexane	2.5	2.72	109	60 - 135	
2,2-Dichloropropane	2.5	2.72	109	67 - 134	
2-Butanone	5	6.44	129	40 - 135	
2-Chlorotoluene	2.5	3.24	129	69 - 128	*
4-Chlorotoluene	2.5	3.22	129	73 - 126	*
4-Methyl-2-pentanone	5	5.84	117	47 - 147	
Acetone	5	7.77	155	40 - 141	*
Benzene	2.5	2.90	116	73 - 126	
Bromobenzene	2.5	2.97	119	66 - 121	
Bromochloromethane	2.5	2.66	106	71 - 127	
Bromodichloromethane	2.5	2.92	117	72 - 128	
Bromoform	2.5	2.54	102	66 - 137	
Bromomethane	2.5	2.33	93	45 - 141	
Carbon tetrachloride	2.5	2.73	109	67 - 133	
Chlorobenzene	2.5	2.78	111	75 - 123	
Chloroethane	2.5	2.68	107	41 - 141	
Chloroform	2.5	2.81	112	72 - 124	
Chloromethane	2.5	2.79	112	51 - 129	
cis-1,2-Dichloroethene	2.5	2.80	112	67 - 125	
cis-1,3-Dichloropropene	2.5	3.05	122	72 - 126	
Dibromochloromethane	2.5	2.79	112	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11386 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0660.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.81	112	73 - 128	
Dichlorodifluoromethane	2.5	2.72	109	34 - 136	
Ethylbenzene	2.5	2.96	118	74 - 127	
Hexachlorobutadiene	2.5	2.63	105	53 - 142	
Isopropylbenzene	2.5	3.37	135	77 - 129	*
Methyl tert-butyl ether	2.5	3.10	124	50 - 135	
Methylene chloride	2.5	2.52	101	63 - 137	
n-Butylbenzene	2.5	3.18	127	65 - 138	
n-Propylbenzene	2.5	3.31	132	63 - 135	
Naphthalene	2.5	2.92	117	51 - 135	
o-Xylene	2.5	2.85	114	77 - 125	
p-Isopropyltoluene	2.5	3.29	132	75 - 133	
sec-Butylbenzene	2.5	3.36	134	63 - 132	*
Styrene	2.5	2.52	101	74 - 128	
tert-Butylbenzene	2.5	3.17	127	65 - 132	
Tetrachloroethene	2.5	2.63	105	67 - 139	
Toluene	2.5	2.98	119	71 - 127	
trans-1,2-Dichloroethene	2.5	2.69	108	66 - 134	
trans-1,3-Dichloropropene	2.5	2.74	110	65 - 127	
Trichloroethene	2.5	2.84	114	77 - 124	
Trichlorofluoromethane	2.5	2.86	114	49 - 139	
Vinyl chloride	2.5	2.95	118	58 - 126	
Xylenes (total)	7.5	8.48	113	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	99	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	754149	443553 - 1774212	
Chlorobenzene-d5	1406287	698816 - 2795262	
Fluorobenzene	3032888	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11241 **MS ID:** LCS-11241 **MSD ID:** LCSD-11241

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.109	109	0.107	107	1	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0518	104	0.0507	101	2	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0547	109	0.0537	107	2	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0516	103	0.0483	97	7	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0498	100	0.0479	96	4	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0509	102	0.0496	99	3	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0479	96	0.0470	94	2	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0508	102	0.0511	102	0	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0565	113	0.0541	108	4	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0508	102	0.0469	94	8	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0556	111	0.0558	112	1	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0567	113	0.0556	111	2	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0480	96	0.0441	88	9	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0502	100	0.0480	96	4	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0518	104	0.0497	99	4	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0537	107	0.0526	105	2	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0492	98	0.0478	96	3	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0572	114	0.0563	113	2	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0527	105	0.0518	104	2	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0498	100	0.0478	96	4	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0504	101	0.0497	99	1	72 - 125	30	
1-Chlorohexane		0.0500	0.0490	98	0.0512	102	4	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0549	110	0.0550	110	0	67 - 134	30	
2-Butanone		0.100	0.0919	92	0.0944	94	3	40 - 135	30	
2-Chlorotoluene		0.0500	0.0547	109	0.0536	107	2	69 - 128	30	
4-Chlorotoluene		0.0500	0.0539	108	0.0530	106	2	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.103	103	0.100	100	2	47 - 147	30	
Acetone		0.100	0.110	110	0.119	119	8	40 - 141	30	
Benzene		0.0500	0.0531	106	0.0518	104	3	73 - 126	30	
Bromobenzene		0.0500	0.0537	107	0.0516	103	4	66 - 121	30	
Bromochloromethane		0.0500	0.0522	104	0.0503	101	4	71 - 127	30	
Bromodichloromethane		0.0500	0.0527	105	0.0511	102	3	72 - 128	30	
Bromoform		0.0500	0.0441	88	0.0425	85	4	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11241 **MS ID:** LCS-11241 **MSD ID:** LCSD-11241

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0523	105	0.0543	109	4	45 - 141	30	
Carbon tetrachloride		0.0500	0.0542	108	0.0532	106	2	67 - 133	30	
Chlorobenzene		0.0500	0.0530	106	0.0519	104	2	75 - 123	30	
Chloroethane		0.0500	0.0589	118	0.0613	123	4	41 - 141	30	
Chloroform		0.0500	0.0535	107	0.0520	104	3	72 - 124	30	
Chloromethane		0.0500	0.0362	72	0.0379	76	5	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0511	102	0.0497	99	3	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0515	103	0.0509	102	1	72 - 126	30	
Dibromochloromethane		0.0500	0.0463	93	0.0453	91	2	66 - 130	30	
Dibromomethane		0.0500	0.0518	104	0.0491	98	5	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0328	66	0.0355	71	8	34 - 136	30	
Ethylbenzene		0.0500	0.0500	100	0.0501	100	0	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0521	104	0.0537	107	3	53 - 142	30	
Isopropylbenzene		0.0500	0.0521	104	0.0509	102	2	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0546	109	0.0523	105	4	50 - 135	30	
Methylene chloride		0.0500	0.0433	87	0.0413	83	5	63 - 137	30	
n-Butylbenzene		0.0500	0.0488	98	0.0505	101	4	65 - 138	30	
n-Propylbenzene		0.0500	0.0536	107	0.0532	106	1	63 - 135	30	
Naphthalene		0.0500	0.0507	101	0.0451	90	12	51 - 135	30	
o-Xylene		0.0500	0.0505	101	0.0495	99	2	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0578	116	0.0582	116	1	75 - 133	30	
sec-Butylbenzene		0.0500	0.0512	102	0.0505	101	1	63 - 132	30	
Styrene		0.0500	0.0549	110	0.0532	106	3	74 - 128	30	
tert-Butylbenzene		0.0500	0.0574	115	0.0552	110	4	65 - 132	30	
Tetrachloroethene		0.0500	0.0501	100	0.0513	103	2	67 - 139	30	
Toluene		0.0500	0.0482	96	0.0472	94	2	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0485	97	0.0479	96	1	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0536	107	0.0523	105	2	65 - 127	30	
Trichloroethene		0.0500	0.0508	102	0.0505	101	0	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0587	117	0.0630	126	7	49 - 139	30	
Vinyl chloride		0.0500	0.0461	92	0.0479	96	4	58 - 126	30	
Xylenes (total)		0.150	0.159	106	0.157	104	2	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11283 **MS ID:** LCS-11283 **MSD ID:** LCSD-11283

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.108	108	0.109	109	0	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0530	106	0.0528	106	0	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0555	111	0.0559	112	1	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0518	104	0.0523	105	1	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0464	93	0.0499	100	7	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0514	103	0.0523	105	2	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0486	97	0.0486	97	0	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0530	106	0.0529	106	0	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0504	101	0.0535	107	6	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0486	97	0.0504	101	4	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0553	111	0.0555	111	0	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0585	117	0.0578	116	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0456	91	0.0495	99	8	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0461	92	0.0500	100	8	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0517	103	0.0527	105	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0510	102	0.0540	108	6	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0482	96	0.0492	98	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0603	121	0.0589	118	2	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0548	110	0.0537	107	2	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0484	97	0.0500	100	3	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0520	104	0.0515	103	1	72 - 125	30	
1-Chlorohexane		0.0500	0.0527	105	0.0513	103	3	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0559	112	0.0563	113	1	67 - 134	30	
2-Butanone		0.100	0.0829	83	0.100	100	19	40 - 135	30	
2-Chlorotoluene		0.0500	0.0576	115	0.0566	113	2	69 - 128	30	
4-Chlorotoluene		0.0500	0.0568	114	0.0559	112	1	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0845	84	0.103	103	20	47 - 147	30	
Acetone		0.100	0.113	113	0.135	135	17	40 - 141	30	
Benzene		0.0500	0.0536	107	0.0539	108	1	73 - 126	30	
Bromobenzene		0.0500	0.0550	110	0.0544	109	1	66 - 121	30	
Bromochloromethane		0.0500	0.0493	99	0.0511	102	4	71 - 127	30	
Bromodichloromethane		0.0500	0.0514	103	0.0531	106	3	72 - 128	30	
Bromoform		0.0500	0.0427	85	0.0444	89	4	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11283 **MS ID:** LCS-11283 **MSD ID:** LCSD-11283

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0561	112	0.0563	113	0	45 - 141	30	
Carbon tetrachloride		0.0500	0.0554	111	0.0564	113	2	67 - 133	30	
Chlorobenzene		0.0500	0.0543	109	0.0539	108	1	75 - 123	30	
Chloroethane		0.0500	0.0606	121	0.0593	119	2	41 - 141	30	
Chloroform		0.0500	0.0532	106	0.0541	108	2	72 - 124	30	
Chloromethane		0.0500	0.0362	73	0.0352	70	3	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0509	102	0.0519	104	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0504	101	0.0522	104	4	72 - 126	30	
Dibromochloromethane		0.0500	0.0467	93	0.0476	95	2	66 - 130	30	
Dibromomethane		0.0500	0.0481	96	0.0510	102	6	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0335	67	0.0320	64	5	34 - 136	30	
Ethylbenzene		0.0500	0.0521	104	0.0519	104	0	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0560	112	0.0561	112	0	53 - 142	30	
Isopropylbenzene		0.0500	0.0563	113	0.0546	109	3	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0515	103	0.0554	111	7	50 - 135	30	
Methylene chloride		0.0500	0.0418	84	0.0431	86	3	63 - 137	30	
n-Butylbenzene		0.0500	0.0528	106	0.0506	101	4	65 - 138	30	
n-Propylbenzene		0.0500	0.0584	117	0.0560	112	4	63 - 135	30	
Naphthalene		0.0500	0.0425	85	0.0475	95	11	51 - 135	30	
o-Xylene		0.0500	0.0492	98	0.0502	100	2	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0607	121	0.0594	119	2	75 - 133	30	
sec-Butylbenzene		0.0500	0.0536	107	0.0529	106	1	63 - 132	30	
Styrene		0.0500	0.0524	105	0.0535	107	2	74 - 128	30	
tert-Butylbenzene		0.0500	0.0583	117	0.0583	117	0	65 - 132	30	
Tetrachloroethene		0.0500	0.0553	111	0.0530	106	4	67 - 139	30	
Toluene		0.0500	0.0476	95	0.0486	97	2	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0502	100	0.0499	100	1	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0512	103	0.0536	107	5	65 - 127	30	
Trichloroethene		0.0500	0.0531	106	0.0528	106	1	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0653	131	0.0619	124	5	49 - 139	30	
Vinyl chloride		0.0500	0.0473	95	0.0470	94	1	58 - 126	30	
Xylenes (total)		0.150	0.158	105	0.159	106	1	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11386 **MS ID:** LCS-11386 **MSD ID:** LCSD-11386

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.24	105	5.63	113	7	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.60	104	2.88	115	10	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.76	111	2.96	118	7	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.77	111	3.07	123	10	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.59	104	2.78	111	7	62 - 127	30	
1,1-Dichloroethane		2.50	2.66	106	2.90	116	8	73 - 125	30	
1,1-Dichloroethene		2.50	2.41	96	2.64	106	9	65 - 136	30	
1,1-Dichloropropene		2.50	2.72	109	2.90	116	7	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.58	103	2.70	108	4	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.70	108	2.63	105	3	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.51	100	2.68	107	7	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	3.03	121	3.30	132	9	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.67	107	2.90	116	8	49 - 135	30	
1,2-Dibromoethane		2.50	2.47	99	2.77	111	11	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.79	112	3.02	121	8	74 - 120	30	
1,2-Dichloroethane		2.50	2.73	109	2.95	118	8	72 - 137	30	
1,2-Dichloropropane		2.50	2.62	105	2.86	114	8	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.99	120	3.26	131	9	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.74	110	2.98	119	9	72 - 124	30	
1,3-Dichloropropane		2.50	2.58	103	2.86	114	10	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.63	105	2.88	115	9	72 - 125	30	
1-Chlorohexane		2.50	2.46	98	2.72	109	10	60 - 135	30	
2,2-Dichloropropane		2.50	2.61	104	2.72	109	4	67 - 134	30	
2-Butanone		5.00	5.80	116	6.44	129	11	40 - 135	30	
2-Chlorotoluene		2.50	2.96	118	3.24	129	9	69 - 128	30	
4-Chlorotoluene		2.50	2.96	119	3.22	129	8	73 - 126	30	
4-Methyl-2-pentanone		5.00	5.18	104	5.84	117	12	47 - 147	30	
Acetone		5.00	6.93	139	7.77	155	11	40 - 141	30	
Benzene		2.50	2.70	108	2.90	116	7	73 - 126	30	
Bromobenzene		2.50	2.76	110	2.97	119	7	66 - 121	30	
Bromochloromethane		2.50	2.39	96	2.66	106	10	71 - 127	30	
Bromodichloromethane		2.50	2.73	109	2.92	117	7	72 - 128	30	
Bromoform		2.50	2.24	90	2.54	102	12	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11386 **MS ID:** LCS-11386 **MSD ID:** LCSD-11386

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.12	85	2.33	93	9	45 - 141	30	
Carbon tetrachloride		2.50	2.59	104	2.73	109	5	67 - 133	30	
Chlorobenzene		2.50	2.56	102	2.78	111	8	75 - 123	30	
Chloroethane		2.50	2.49	100	2.68	107	7	41 - 141	30	
Chloroform		2.50	2.63	105	2.81	112	7	72 - 124	30	
Chloromethane		2.50	2.58	103	2.79	112	8	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.59	104	2.80	112	8	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.81	112	3.05	122	8	72 - 126	30	
Dibromochloromethane		2.50	2.52	101	2.79	112	10	66 - 130	30	
Dibromomethane		2.50	2.53	101	2.81	112	10	73 - 128	30	
Dichlorodifluoromethane		2.50	2.54	101	2.72	109	7	34 - 136	30	
Ethylbenzene		2.50	2.76	110	2.96	118	7	74 - 127	30	
Hexachlorobutadiene		2.50	2.53	101	2.63	105	4	53 - 142	30	
Isopropylbenzene		2.50	3.09	124	3.37	135	9	77 - 129	30	
Methyl tert-butyl ether		2.50	2.86	114	3.10	124	8	50 - 135	30	
Methylene chloride		2.50	2.39	96	2.52	101	6	63 - 137	30	
n-Butylbenzene		2.50	2.90	116	3.18	127	9	65 - 138	30	
n-Propylbenzene		2.50	3.05	122	3.31	132	8	63 - 135	30	
Naphthalene		2.50	2.68	107	2.92	117	8	51 - 135	30	
o-Xylene		2.50	2.64	106	2.85	114	8	77 - 125	30	
p-Isopropyltoluene		2.50	3.04	122	3.29	132	8	75 - 133	30	
sec-Butylbenzene		2.50	3.07	123	3.36	134	9	63 - 132	30	
Styrene		2.50	2.33	93	2.52	101	8	74 - 128	30	
tert-Butylbenzene		2.50	2.92	117	3.17	127	8	65 - 132	30	
Tetrachloroethene		2.50	2.43	97	2.63	105	8	67 - 139	30	
Toluene		2.50	2.78	111	2.98	119	7	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.49	100	2.69	108	8	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.55	102	2.74	110	7	65 - 127	30	
Trichloroethene		2.50	2.67	107	2.84	114	6	77 - 124	30	
Trichlorofluoromethane		2.50	2.64	106	2.86	114	8	49 - 139	30	
Vinyl chloride		2.50	2.78	111	2.95	118	6	58 - 126	30	
Xylenes (total)		7.50	7.88	105	8.48	113	7	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB35-01	0709149-002A	25-Sep-07	26-Sep-07	01-Oct-07			01-Oct-07	14	6.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB33-01	0709149-001A	25-Sep-07	26-Sep-07	02-Oct-07			02-Oct-07	14	7.5	
AOC9-SB35-02	0709149-003A	25-Sep-07	26-Sep-07	02-Oct-07			02-Oct-07	14	7.4	
AOC9-SB35-02/D	0709149-004A	25-Sep-07	26-Sep-07	02-Oct-07			02-Oct-07	14	7.4	
AOC9-SB34-02	0709149-006A	25-Sep-07	26-Sep-07	02-Oct-07			02-Oct-07	14	7.2	
AOC9-SB37-01	0709149-007A	25-Sep-07	26-Sep-07	02-Oct-07			02-Oct-07	14	7	
AOC9-SB38-01	0709149-008A	25-Sep-07	26-Sep-07	02-Oct-07			02-Oct-07	14	7	
AOC9-SB38-02	0709149-009A	25-Sep-07	26-Sep-07	02-Oct-07			02-Oct-07	14	7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 6284

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB35-01	0709149-002B	25-Sep-07	26-Sep-07	02-Oct-07	14	7	02-Oct-07	14	0.1	
AOC9-SB35-01 DL	0709149-002BDL	25-Sep-07	26-Sep-07	02-Oct-07	14	7	03-Oct-07	14	1.3	
AOC9-SB34-01	0709149-005B	25-Sep-07	26-Sep-07	02-Oct-07	14	7	02-Oct-07	14	0.1	
AOC9-SB34-01 DL	0709149-005BDL	25-Sep-07	26-Sep-07	02-Oct-07	14	7	03-Oct-07	14	1.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10 **Calibration ID:** 1056

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB091407A3	TB091407A3	14-Sep-07	4:33	14-Sep-07	5:11
ICAL 2.0PPB	ICAL 2.0PPB	14-Sep-07	5:11	14-Sep-07	5:47
ICAL 5.0PPB	ICAL 5.0PPB	14-Sep-07	5:47	14-Sep-07	6:57
ICAL 50.0PPB	ICAL 50.0PPB	14-Sep-07	6:57	14-Sep-07	7:31
ICAL 100.0PP	ICAL 100.0PPB	14-Sep-07	7:31	14-Sep-07	8:05
ICAL 150.0PP	ICAL 150.0PPB	14-Sep-07	8:05	14-Sep-07	8:39
ICAL 200.0PP	ICAL 200.0PPB	14-Sep-07	8:39	14-Sep-07	13:49
ICAL 20.0PPB	ICAL 20.0PPB	14-Sep-07	13:49	17-Oct-07	11:46
TB100107A3	TB100107A3	01-Oct-07	7:43	01-Oct-07	8:19
CCV-11241	CCV-11241	01-Oct-07	8:19	01-Oct-07	9:12
LCS-11241	LCS-11241	01-Oct-07	9:12	01-Oct-07	9:49
LCSD-11241	LCSD-11241	01-Oct-07	9:49	01-Oct-07	11:39
MB-11241	MB-11241	01-Oct-07	11:39	01-Oct-07	19:06
AOC9-SB35-01	0709149-002A	01-Oct-07	19:06	01-Oct-07	19:06
TB100207A3	TB100207A3	02-Oct-07	13:06	02-Oct-07	13:40
CCV-11283	CCV-11283	02-Oct-07	13:40	02-Oct-07	14:20
LCS-11283	LCS-11283	02-Oct-07	14:20	02-Oct-07	14:54
LCSD-11283	LCSD-11283	02-Oct-07	14:54	02-Oct-07	16:02
MB-11283	MB-11283	02-Oct-07	16:02	02-Oct-07	16:37
AOC9-SB34-02	0709149-006A	02-Oct-07	16:37	02-Oct-07	17:11
AOC9-SB37-01	0709149-007A	02-Oct-07	17:11	02-Oct-07	17:45
AOC9-SB38-01	0709149-008A	02-Oct-07	17:45	02-Oct-07	18:19
AOC9-SB38-02	0709149-009A	02-Oct-07	18:19	02-Oct-07	20:36
AOC9-SB35-02/D	0709149-004A	02-Oct-07	20:36	02-Oct-07	21:10
AOC9-SB35-02	0709149-003A	02-Oct-07	21:10	02-Oct-07	21:44
AOC9-SB33-01	0709149-001A	02-Oct-07	21:44	02-Oct-07	21:44
ICV-11072	ICV-11072	17-Oct-07	11:46	17-Oct-07	11:46

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11 **Calibration ID:** 1060

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB092507A1	TB092507A1	25-Sep-07	9:44	25-Sep-07	10:50
ICAL 0.3 PPB	ICAL 0.3 PPB	25-Sep-07	10:50	25-Sep-07	11:23
ICAL 0.5 PPB	ICAL 0.5 PPB	25-Sep-07	11:23	25-Sep-07	11:56
ICAL 2.0 PPB	ICAL 2.0 PPB	25-Sep-07	11:56	25-Sep-07	12:30
ICAL 10 PPB	ICAL 10 PPB	25-Sep-07	12:30	25-Sep-07	13:03
ICAL 20 PPB	ICAL 20 PPB	25-Sep-07	13:03	25-Sep-07	13:36
ICAL 30 PPB	ICAL 30 PPB	25-Sep-07	13:36	25-Sep-07	14:10
ICAL 40 PPB	ICAL 40 PPB	25-Sep-07	14:10	25-Sep-07	15:17
ICV-11177	ICV-11177	25-Sep-07	15:17	25-Sep-07	15:17
TB100207A1	TB100207A1	02-Oct-07	8:38	02-Oct-07	9:08
CCV-11323	CCV-11323	02-Oct-07	9:08	02-Oct-07	9:41
LCS-11323	LCS-11323	02-Oct-07	9:41	02-Oct-07	11:55
MB-11323	MB-11323	02-Oct-07	11:55	02-Oct-07	12:28
MB-6284	MB-6284	02-Oct-07	12:28	02-Oct-07	13:01
AOC9-SB35-01	0709149-002B	02-Oct-07	13:01	02-Oct-07	13:35
AOC9-SB34-01	0709149-005B	02-Oct-07	13:35	02-Oct-07	13:35
TB100307A1	TB100307A1	03-Oct-07	8:07	03-Oct-07	8:37
CCV-11386	CCV-11386	03-Oct-07	8:37	03-Oct-07	9:10
LCS-11386	LCS-11386	03-Oct-07	9:10	03-Oct-07	9:43
LCSD-11386	LCSD-11386	03-Oct-07	9:43	03-Oct-07	10:50
MB-11386	MB-11386	03-Oct-07	10:50	03-Oct-07	18:39
AOC9-SB35-01 DL	0709149-002BDL	03-Oct-07	18:39	03-Oct-07	19:13
AOC9-SB34-01 DL	0709149-005BDL	03-Oct-07	19:13	03-Oct-07	19:13

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070914A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	9/14/2007 4:33:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4289.D
Compound:	SW8260B	**Sample ID:**	TB091407A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.5	
75	30 - 60% of m/z 95	51.3	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	78.8	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.7	
177	5 - 9% of m/z 176	6.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071001A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/1/2007 7:43:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4591.D
Compound:	SW8260B	**Sample ID:**	TB100107A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.6	
75	30 - 60% of m/z 95	55.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	80.1	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.4	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071002A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/2/2007 1:06:00 PM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4613.D
Compound:	SW8260B	**Sample ID:**	TB100207A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.5	
75	30 - 60% of m/z 95	55.0	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	77.1	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.9	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070925A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	9/25/2007 9:44:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0468.D
Compound:	SW8260B	**Sample ID:**	TB092507A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.3	
75	30 - 60% of m/z 95	53.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	70.2	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	97.9	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071002A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/2/2007 8:38:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0634.D
Compound:	SW8260B	**Sample ID:**	TB100207A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.6	
75	30 - 60% of m/z 95	55.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.1	
173	Less than 2% of m/z 174	0.2	
174	Greater than 50% of m/z 95	70.5	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	95.3	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071003C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/3/2007 8:07:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0657.D
Compound:	SW8260B	**Sample ID:**	TB100307A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	23.2	
75	30 - 60% of m/z 95	56.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.3	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	68.2	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	97.4	
177	5 - 9% of m/z 176	6.6	

Percent Total Solids Data

Life Science Laboratories, Inc.

Date: *03-Oct-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0709149
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB33-01	0709149-001C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	17.3
AOC9-SB35-01	0709149-002C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	9.80
AOC9-SB35-02	0709149-003C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	16.8
AOC9-SB35-02/D	0709149-004C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	16.9
AOC9-SB34-01	0709149-005C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	18.1
AOC9-SB34-02	0709149-006C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	16.4
AOC9-SB37-01	0709149-007C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	16.4
AOC9-SB38-01	0709149-008C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	12.7
AOC9-SB38-02	0709149-009C	wt%	9/25/2007	9/26/2007	9/27/2007	R11225	16.7

Life Science Laboratories - Brittonfield

Percent Moisture DataSheet SM 2540 G

Analysis Date:	September 27, 2007
Batch ID:	R11225
LOQ/RL/PQL	1

Instrument ID:	Denver APX-200

#	LSL ID	Client ID	Sample Type		Dish Wt (g)	Dish Wt + Wet Samp (g)	Dish Wt +Dried Samp (g)		% Moisture	Dish Wt +Ashed Samp @ 550°C (g)		% Volatile Solids
1	CONTROL				1.2796		1.2787					
2	0709149-001C	E & E	SAMP		1.2925	7.6349	6.5402		17.26			
3	0709149-001CDUP	E & E	DUP		1.2693	7.4926	6.4376		16.95			
4	0709149-002C	E & E	SAMP		1.2807	7.4947	6.8829		9.85			
5	0709149-003C	E & E	SAMP		1.2651	8.0396	6.8984		16.85			
6	0709149-004C	E & E	SAMP		1.2737	8.6463	7.4029		16.87			
7	0709149-005C	E & E	SAMP		1.2731	8.5892	7.2664		18.08			
8	0709149-006C	E & E	SAMP		1.2778	8.4905	7.3110		16.35			
9	0709149-007C	E & E	SAMP		1.2682	7.8733	6.7886		16.42			
10	0709149-008C	E & E	SAMP		1.2751	8.3992	7.4932		12.72			
11	0709149-009C	E & E	SAMP		1.2757	8.6291	7.4036		16.67			
12	0709144-021ADUP	[redacted]	SAMP		1.2770	7.8629	7.4641		6.06			
13	0709144-035ADUP	[redacted]	SAMP		1.2709	7.7602	7.3811		5.84			
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

DP 9/27/07

	Weight #1
Time on:	11:30
Oven Temp on:	103.0°C
Time Off:	8:15
Oven Temp off:	100.0°C
Oven Date Off:	09/28/07

Prep Start Date:	09/27/07
Prep Start Time:	11:15:00
Prep End Time:	11:30:00
Analyte	PMOIST

Comments:

Analyst: Dawn Pascal

Date: 9/27/07

Reviewed by: [signature]

Date: 9/28/07

QA Auth | Calc SEQ | Rslts

VAL	SeqNo	SampID	SampType	Analyte	Tare Wt	Tare+Sample	Final Wt	RawVal
☑	305862	0709149-001C	SAMP	Percent Moisture	0	0	0	17.3
☑	305863	0709149-001CDUP	DUP	Percent Moisture	0	0	0	17
☑	305864	0709149-002C	SAMP	Percent Moisture	0	0	0	9.8
☑	305865	0709149-003C	SAMP	Percent Moisture	0	0	0	16.8
☑	305866	0709149-004C	SAMP	Percent Moisture	0	0	0	16.9
☑	305867	0709149-005C	SAMP	Percent Moisture	0	0	0	18.1
☑	305868	0709149-006C	SAMP	Percent Moisture	0	0	0	16.4
☑	305869	0709149-007C	SAMP	Percent Moisture	0	0	0	16.4
☑	305870	0709149-008C	SAMP	Percent Moisture	0	0	0	12.7
☑	305871	0709149-009C	SAMP	Percent Moisture	0	0	0	16.7
☑	305872	0709144-021ADUP	DUP	Percent Moisture	0	0	0	6.1
☑	305873	0709144-035ADUP	DUP	Percent Moisture	0	0	0	5.8

9/27/07

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Monday, October 08, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0709150

Dear Robert Meyers:

Life Science Laboratories, Inc. received samples on 9/26/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperature of the cooler was 1.8°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E&E
Project/Order:	Griffiss AFB
Work Order #:	0709150
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): 10/4/07

Supervisor/Reviewed by (Initials/Date): 10-4-07

QA/QC Review (Initials/Date): 10/5/07

File Name: G:\Narratives\MSVoa\0709150msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-11302	MS1	Isopropylbenzene	-20.7		1
		n-Propylbenzene	-22.7		1
		1,2,4-Trimethylbenzene	-20.7		1
		sec-Butylbenzene	-24.2		1
		n-Isopropyltoluene	-22.0		1

1 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples, which is allowed by project variance. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Date: *08-Oct-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0709150

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0709150-001A	AOC9-TB09		9/24/2007	9/26/2007
0709150-002A	AOC9-TW98-GW		9/24/2007	9/26/2007
0709150-003A	AOC9-TW99-GW		9/24/2007	9/26/2007
0709150-004A	AOC9-TW100-GW		9/24/2007	9/26/2007
0709150-005A	AOC9-TW101-GW		9/24/2007	9/26/2007
0709150-006A	AOC9-TW102-GW		9/24/2007	9/26/2007
0709150-007A	AOC9-TW103-GW		9/24/2007	9/26/2007

Lab Order: 0709150
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0709150-001A	AOC9-TB09	9/24/2007 12:10:00 PM	Water Q	Volatile Organic Compounds by GC/MS			9/29/2007
0709150-002A	AOC9-TW98-GW	9/24/2007 1:07:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			9/29/2007
0709150-003A	AOC9-TW99-GW	9/24/2007 1:42:00 PM		Volatile Organic Compounds by GC/MS			9/29/2007
0709150-004A	AOC9-TW100-GW	9/24/2007 4:28:00 PM		Volatile Organic Compounds by GC/MS			9/29/2007
0709150-005A	AOC9-TW101-GW	9/24/2007 3:44:00 PM		Volatile Organic Compounds by GC/MS			9/29/2007
0709150-006A	AOC9-TW102-GW	9/24/2007 3:17:00 PM		Volatile Organic Compounds by GC/MS			10/1/2007
0709150-007A	AOC9-TW103-GW	9/24/2007 2:53:00 PM		Volatile Organic Compounds by GC/MS			10/1/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB AOC9 (OBGW)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # 716-684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Method SW 8260	Concentration Comments
AOC9-TB09	9/24/07	1210	W	Grab	2	2	~~100 ppb~~ 9/24/07
AOC9-TW98-GW	|	1307	GW	|	3	3	100 ppb 9/24/07
AOC9-TW99-GW	|	1342	GW	|	3	3	ND
AOC9-TW100-GW	|	1628	GW	|	3	3	1000 ppb
AOC9-TW101-GW	|	1544	GW	|	3	3	ND
AOC9-TW102-GW	|	1517	GW	|	3	3	ND
AOC9-TW103-GW	9/24/07	1453	GW	Grab	3	3	ND

Relinquished by:	Date: 9/26/07	Time: 0720	Received by: Date: Time:
Relinquished by:	Date: 9/26/07	Time: 12:00	Received by: Date: Time:
Relinquished by:	Date:	Time:	Received by Lab: Date: 9/26/07 Time: 1320
Shipment Method:			Airbill Number:

Turnaround Time Required:
Routine
Rush (Specify) 1 week

Comments:

Cooler Temperature: 1.8°C on ice
Custody Seal INTACT

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

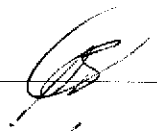
Sample Receipt Checklist

Client Name: **E & E**

Date and Time Received: **9/26/2007 1:20:00 PM**

Work Order Number **0709150**

Received by: ads

Checklist completed by: _____ Initials  9/26/07 Date

Reviewed by: MS Initials 9/26/07 Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project GE 0709150

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
601 - 607	A		DMB	9/29/07 6:45	8260W	NR

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TB09	0709150-001A
AOC9-TW98-GW	0709150-002A
AOC9-TW99-GW	0709150-003A
AOC9-TW100-GW	0709150-004A
AOC9-TW101-GW	0709150-005A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/8/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW102-GW	0709150-006A
AOC9-TW103-GW	0709150-007A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/8/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB09	**Lab Sample ID:**	0709150-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0577.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.400	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB09	**Lab Sample ID:**	0709150-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0577.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.120	1		F
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB09	**Lab Sample ID:**	0709150-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0577.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	498991	443553 - 1774212	
Chlorobenzene-d5	1165754	698816 - 2795262	
Fluorobenzene	2642167	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW98-GW	**Lab Sample ID:**	0709150-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0578.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.170	1		F
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.230	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	2.81	1		
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW98-GW	**Lab Sample ID:**	0709150-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0578.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	2.00	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	4.09	1		
Toluene	0.0180	1.00	0.150	1		F
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	1.95	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW98-GW	**Lab Sample ID:**	0709150-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0578.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	541618	443553 - 1774212	
Chlorobenzene-d5	1208600	698816 - 2795262	
Fluorobenzene	2731328	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW99-GW	**Lab Sample ID:**	0709150-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0579.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.210	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW99-GW	**Lab Sample ID:**	0709150-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0579.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.160	1		F
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	3.60	1		
Toluene	0.0180	1.00	0.110	1		F
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	2.02	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW99-GW	**Lab Sample ID:**	0709150-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0579.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	92	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	530190	443553 - 1774212	
Chlorobenzene-d5	1228707	698816 - 2795262	
Fluorobenzene	2735501	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW100-GW	**Lab Sample ID:**	0709150-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0583.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	2.80	200	60.0	100		F
1,1,1,2-Tetrachloroethane	5.40	50.0	5.40	100		U
1,1,1-Trichloroethane	1.50	100	1.50	100		U
1,1,2,2-Tetrachloroethane	8.10	50.0	8.10	100		U
1,1,2-Trichloroethane	2.80	100	2.80	100		U
1,1-Dichloroethane	3.30	100	3.30	100		U
1,1-Dichloroethene	4.60	100	4.60	100		U
1,1-Dichloropropene	2.40	100	2.40	100		U
1,2,3-Trichlorobenzene	3.60	100	3.60	100		U
1,2,3-Trichloropropane	4.60	100	4.60	100		U
1,2,4-Trichlorobenzene	2.50	100	2.50	100		U
1,2,4-Trimethylbenzene	1.20	100	201	100		
1,2-Dibromo-3-chloropropane	26.1	200	26.1	100		U
1,2-Dibromoethane	3.50	100	3.50	100		U
1,2-Dichlorobenzene	1.90	100	35.0	100		F
1,2-Dichloroethane	2.40	50.0	2.40	100		U
1,2-Dichloropropane	2.60	100	2.60	100		U
1,3,5-Trimethylbenzene	1.30	100	81.0	100		F
1,3-Dichlorobenzene	2.00	100	2.00	100		U
1,3-Dichloropropane	2.30	50.0	2.30	100		U
1,4-Dichlorobenzene	1.70	50.0	523	100		
1-Chlorohexane	4.70	100	4.70	100		U
2,2-Dichloropropane	8.20	100	8.20	100		U
2-Butanone	64.9	1000	64.9	100		U
2-Chlorotoluene	1.20	100	1.20	100		U
4-Chlorotoluene	1.70	100	1.70	100		U
4-Methyl-2-pentanone	37.5	1000	37.5	100		U
Acetone	82.3	1000	82.3	100		U
Benzene	1.00	50.0	19.0	100		F
Bromobenzene	2.80	100	2.80	100		U
Bromochloromethane	5.90	100	5.90	100		U
Bromodichloromethane	3.10	50.0	3.10	100		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW100-GW	**Lab Sample ID:**	0709150-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0583.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	4.70	100	4.70	100		U
Bromomethane	5.90	300	5.90	100		U
Carbon tetrachloride	3.20	100	3.20	100		U
Chlorobenzene	1.10	50.0	2250	100		
Chloroethane	11.6	100	11.6	100		U
Chloroform	2.90	50.0	2.90	100		U
Chloromethane	12.6	100	12.6	100		U
cis-1,2-Dichloroethene	3.20	100	3.20	100		U
cis-1,3-Dichloropropene	2.10	50.0	2.10	100		U
Dibromochloromethane	4.10	50.0	4.10	100		U
Dibromomethane	3.80	100	3.80	100		U
Dichlorodifluoromethane	6.70	100	6.70	100		U
Ethylbenzene	2.40	100	19.0	100		F
Hexachlorobutadiene	6.10	60.0	6.10	100		U
Isopropylbenzene	2.10	100	19.0	100		F
Methyl tert-butyl ether	2.50	500	2.50	100		U
Methylene chloride	3.40	100	3.40	100		U
n-Butylbenzene	1.30	100	1.30	100		U
n-Propylbenzene	0.900	100	15.0	100		F
Naphthalene	2.40	100	2.40	100		U
o-Xylene	1.40	100	35.0	100		F
p-Isopropyltoluene	1.40	100	1.40	100		U
sec-Butylbenzene	1.70	100	1.70	100		U
Styrene	2.00	100	2.00	100		U
tert-Butylbenzene	1.60	100	1.60	100		U
Tetrachloroethene	3.00	100	3.00	100		U
Toluene	1.80	100	1.80	100		U
trans-1,2-Dichloroethene	2.70	100	2.70	100		U
trans-1,3-Dichloropropene	2.90	100	2.90	100		U
Trichloroethene	2.70	100	2.70	100		U
Trichlorofluoromethane	2.00	100	2.00	100		U
Vinyl chloride	3.80	100	3.80	100		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW100-GW	**Lab Sample ID:**	0709150-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0583.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	4.20	200	95.0	100		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	574519	443553 - 1774212	
Chlorobenzene-d5	1238514	698816 - 2795262	
Fluorobenzene	2679277	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW101-GW	**Lab Sample ID:**	0709150-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0580.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.170	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	1.11	1		F
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW101-GW	**Lab Sample ID:**	0709150-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0580.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW101-GW	**Lab Sample ID:**	0709150-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0580.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	29-Sep-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	110	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	558970	443553 - 1774212	
Chlorobenzene-d5	1224419	698816 - 2795262	
Fluorobenzene	2743882	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW102-GW	**Lab Sample ID:**	0709150-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0618.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.170	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW102-GW	**Lab Sample ID:**	0709150-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0618.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW102-GW	**Lab Sample ID:**	0709150-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0618.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	72 - 119	
4-Bromofluorobenzene	89	76 - 119	
Dibromofluoromethane	102	85 - 115	
Toluene-d8	109	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	581924	443553 - 1774212	
Chlorobenzene-d5	1360843	698816 - 2795262	
Fluorobenzene	2980635	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW103-GW	**Lab Sample ID:**	0709150-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0619.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.150	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW103-GW	**Lab Sample ID:**	0709150-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0619.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW103-GW	**Lab Sample ID:**	0709150-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	1060	**File ID:**	T0619.D
Date Received:	26-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	110	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	592141	443553 - 1774212	
Chlorobenzene-d5	1392169	698816 - 2795262	
Fluorobenzene	3096911	1526695 - 6106780	

Comments:

Quality Control Results

GC/MS Volatile Organics Data

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 25-SEP-07

Initial Calibration ID: 1060

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

ICAL #1060

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.511	0.418	0.389	0.526	0.504	0.514	0.478	11.09
3)	P	Chloromethane	0.607	0.543	0.501	0.602	0.579	0.600	0.570	6.80
4)	CP	Vinyl chloride	0.499	0.448	0.407	0.535	0.521	0.541	0.494	9.94
5)		Bromomethane	0.401	0.361	0.257	0.315	0.324	0.354	0.336	13.33
6)		Chloroethane	0.419	0.360	0.322	0.384	0.371	0.378	0.370	7.99
7)		Trichlorofluorometh	0.595	0.561	0.506	0.663	0.673	0.639	0.605	9.80
8)		Acetone		0.076	0.058	0.058	0.060	0.058	0.061	11.58
9)		Acrolein	0.034	0.031	0.027	0.030	0.034	0.031	0.031	7.99
10)	CPM	1,1-Dichloroethene	0.187	0.173	0.167	0.207	0.215	0.207	0.195	9.75
11)		Methyl iodide	0.201	0.174	0.190	0.257	0.258	0.270	0.232	18.22
12)		1,1,2-Trichloro-1,2	0.236	0.209	0.210	0.257	0.266	0.254	0.241	9.59
13)		Methyl acetate	0.190	0.177	0.175	0.187	0.205	0.186	0.186	5.33
14)		Acrylonitrile	0.067	0.071	0.067	0.073	0.077	0.071	0.070	5.29
15)		Methylene chloride	0.553	0.441	0.297	0.285	0.277	0.268	0.341	32.61
16)		Carbon disulfide	0.939	0.821	0.780	1.001	0.974	0.936	0.901	9.23
17)		trans-1,2-Dichloroe	0.240	0.223	0.211	0.256	0.272	0.256	0.245	8.78
18)		Methyl tert-Butyl e	0.526	0.576	0.529	0.636	0.678	0.633	0.600	9.57
19)	P	1,1-Dichloroethane	0.484	0.473	0.429	0.510	0.522	0.490	0.483	6.20
20)		Vinyl acetate	0.262	0.252	0.259	0.313	0.343	0.352	0.303	14.71
21)		2-Butanone	0.094	0.098	0.086	0.096	0.100	0.097	0.095	4.68
22)		cis-1,2-Dichloroeth	0.260	0.258	0.237	0.281	0.298	0.280	0.270	7.40
23)		Bromochloromethane	0.120	0.132	0.110	0.122	0.127	0.126	0.123	5.87
24)	CP	Chloroform	0.498	0.440	0.408	0.485	0.496	0.465	0.463	7.15
25)		2,2-Dichloropropane	0.337	0.293	0.286	0.388	0.407	0.414	0.362	15.43
26)		Cyclohexane	0.455	0.408	0.399	0.566	0.574	0.561	0.502	15.63
27)	S	Dibromofluoromethan	0.224	0.207	0.184	0.225	0.235	0.225	0.218	7.88
28)	S	1,2-Dichloroethane-	0.283	0.273	0.255	0.292	0.302	0.278	0.280	5.33
29)		1,2-Dichloroethane	0.338	0.329	0.306	0.348	0.357	0.332	0.334	4.89
30)		1,1,1-Trichloroetha	0.394	0.347	0.323	0.428	0.436	0.426	0.397	11.29
31)		1,1-Dichloropropene	0.326	0.303	0.293	0.386	0.396	0.390	0.355	12.77
32)		Carbon tetrachlorid	0.272	0.239	0.234	0.314	0.334	0.335	0.295	15.55
33)	M	Benzene	1.097	1.018	0.975	1.196	1.161	1.104	1.085	7.25
34)	M	Trichloroethene	0.286	0.248	0.230	0.293	0.303	0.302	0.281	10.59
35)		Dibromomethane	0.148	0.126	0.130	0.143	0.151	0.144	0.141	6.66
36)		Methylcyclohexane	0.391	0.357	0.370	0.496	0.506	0.500	0.446	15.59
37)	CP	1,2-Dichloropropane	0.276	0.274	0.246	0.291	0.302	0.296	0.283	6.85
38)		Bromodichloromethan	0.296	0.263	0.276	0.339	0.352	0.344	0.316	11.64
39)		2-Chloroethylvinyl	0.070	0.081	0.078	0.110	0.120	0.113	0.096	20.42
40)		4-Methyl-2-pentanon			0.175	0.213	0.220	0.228	0.212	10.09
41)		cis-1,3-Dichloropro	0.344	0.334	0.313	0.419	0.441	0.439	0.389	14.45
42)	S	Toluene-d8	0.886	0.816	0.793	1.019	0.991	0.995	0.923	9.89
43)	CPM	Toluene	0.610	0.610	0.608	0.781	0.770	0.786	0.705	12.76

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M. Allen

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.236	0.247	0.255	0.341	0.367	0.374	0.315	20.80
45)		1,1,2-Trichloroetha	0.174	0.162	0.152	0.178	0.185	0.177	0.172	6.60
46)		2-Hexanone			0.107	0.140	0.146	0.156	0.141	14.35
47)	I	Chlorobenzene-d5	----------ISTD----------							
48)		1,2-Dibromoethane	0.401	0.378	0.353	0.410	0.425	0.401	0.398	6.20
49)		1,3-Dichloropropane	0.812	0.758	0.744	0.835	0.859	0.798	0.801	5.05
50)		Dibromochloromethan	0.378	0.368	0.368	0.453	0.494	0.476	0.433	13.66
51)		Tetrachloroethene	0.677	0.523	0.488	0.597	0.598	0.585	0.581	10.51
52)		1-Chlorohexane	0.589	0.577	0.608	0.860	0.837	0.842	0.739	18.73
53)		1,1,1,2-Tetrachloro	0.451	0.446	0.387	0.481	0.515	0.495	0.469	9.67
54)	PM	Chlorobenzene	1.679	1.625	1.476	1.769	1.741	1.688	1.661	5.75
55)	CP	Ethylbenzene	3.142	2.894	2.655	3.332	3.219	2.966	2.990	8.48
56)		(m+p)-Xylene	0.918	0.868	0.880	1.122	1.108	1.062	1.003	11.01
57)		o-Xylene	0.864	0.803	0.820	1.070	1.065	1.040	0.961	13.04
58)		Styrene	1.137	1.042	1.235	1.738	1.764	1.709	1.479	21.91
59)	P	Bromoform	0.188	0.200	0.174	0.245	0.267	0.277	0.235	20.11
60)	S	Bromofluorobenzene	0.884	0.628	0.602	0.777	0.776	0.755	0.742	13.03
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
62)		trans-1,4-Dichloro-	0.091	0.073	0.076	0.120	0.139	0.153	0.116	30.76
63)	P	1,1,2,2-Tetrachloro	0.986	0.986	0.909	0.916	0.892	0.901	0.923	4.91
64)		Isopropylbenzene	4.545	4.223	3.915	4.692	4.524	4.125	4.246	8.55
65)		1,2,3-Trichloroprop	0.804	0.846	0.714	0.757	0.695	0.749	0.758	6.83
66)		Bromobenzene	1.129	1.054	0.935	1.090	1.094	1.095	1.072	6.04
67)		n-Propylbenzene	4.789	4.551	4.329	5.168	4.955	4.423	4.590	9.15
68)		2-Chlorotoluene	3.484	3.319	3.047	3.551	3.473	3.290	3.323	5.88
69)		4-Chlorotoluene	2.653	2.717	2.484	2.927	2.882	2.722	2.710	5.75
70)		1,3,5-Trimethylbenz	2.753	2.693	2.697	3.254	3.150	2.915	2.884	8.03
71)		tert-Butylbenzene	2.677	2.562	2.439	2.869	2.787	2.654	2.644	5.69
72)		1,2,4-Trimethylbenz	2.551	2.287	2.457	2.939	2.847	2.632	2.592	8.98
73)		sec-Butylbenzene	3.791	3.581	3.659	4.335	4.051	3.631	3.754	9.46
74)		1,3-Dichlorobenzene	1.658	1.542	1.448	1.734	1.733	1.691	1.638	6.47
75)		p-Isopropyltoluene	2.453	2.496	2.554	3.241	3.140	2.911	2.778	11.51
76)		1,4-Dichlorobenzene	1.615	1.646	1.404	1.653	1.636	1.598	1.591	5.42
77)		n-Butylbenzene	1.861	1.749	1.974	2.823	2.749	2.546	2.288	19.04
78)		1,2-Dichlorobenzene	1.453	1.442	1.400	1.623	1.615	1.563	1.519	5.81
79)		1,2-Dibromo-3-chlor	0.092	0.086	0.097	0.128	0.135	0.140	0.117	21.01
80)		1,2,4-Trichlorobenz	0.213	0.195	0.400	0.742	0.833	0.847	0.580	51.73
81)		Hexachlorobutadiene	0.317	0.344	0.403	0.515	0.521	0.537	0.456	21.64
82)		Naphthalene	0.388	0.387	0.510	1.348	1.564	1.524	1.021	54.87
83)		1,2,3-Trichlorobenz	0.184	0.162	0.423	0.753	0.827	0.824	0.569	53.65

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.483		
3)	P	Chloromethane	0.557		
4)	CP	Vinyl chloride	0.508		
5)		Bromomethane	0.342		
6)		Chloroethane	0.355		
7)		Trichlorofluorometh	0.599		
8)		Acetone	0.057		
9)		Acrolein	0.031		
10)	CPM	1,1-Dichloroethene	0.206		
11)		Methyl iodide	0.275		
12)		1,1,2-Trichloro-1,2	0.255		
13)		Methyl acetate	0.184		
14)		Acrylonitrile	0.068		
15)		Methylene chloride	0.269		
16)		Carbon disulfide	0.852		
17)		trans-1,2-Dichloroe	0.255		
)		Methyl tert-Butyl e	0.618		
19)	P	1,1-Dichloroethane	0.474		
20)		Vinyl acetate	0.342		
21)		2-Butanone	0.095		
22)		cis-1,2-Dichloroeth	0.278		
23)		Bromochloromethane	0.127		
24)	CP	Chloroform	0.448		
25)		2,2-Dichloropropane	0.409		
26)		Cyclohexane	0.554		
27)	S	Dibromofluoromethan	0.226		
28)	S	1,2-Dichloroethane-	0.277		
29)		1,2-Dichloroethane	0.327		
30)		1,1,1-Trichloroetha	0.422		
31)		1,1-Dichloropropene	0.387		
32)		Carbon tetrachlorid	0.338		
33)	M	Benzene	1.041		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.144		
36)		Methylcyclohexane	0.503		
37)	CP	1,2-Dichloropropane	0.296		
38)		Bromodichloromethan	0.341		
39)		2-Chloroethylvinyl	0.101		
40)		4-Methyl-2-pentanon	0.224		
41)		cis-1,3-Dichloropro	0.434		
42)	S	Toluene-d8	0.960		
)	CPM	Toluene	0.771		

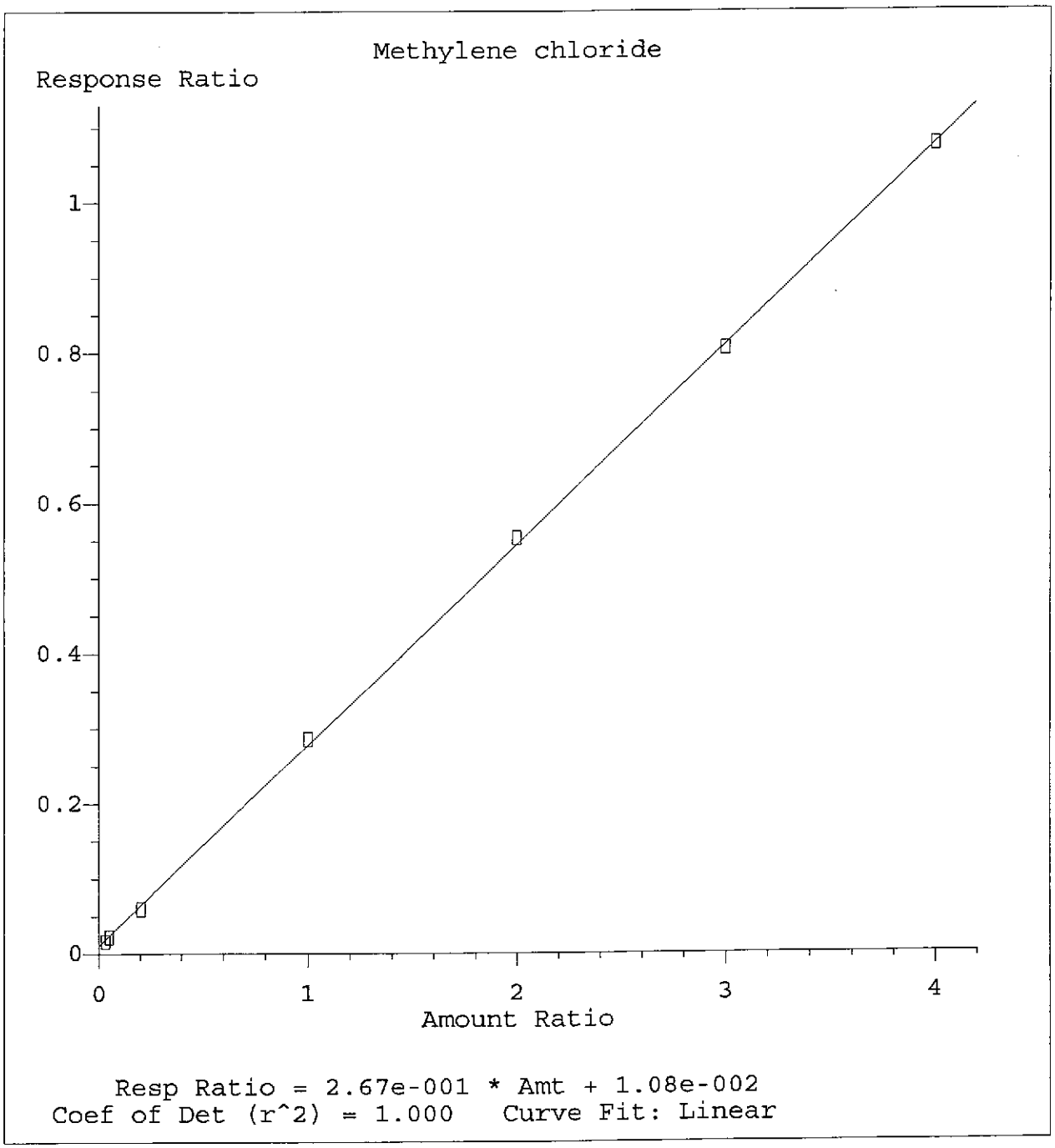
(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

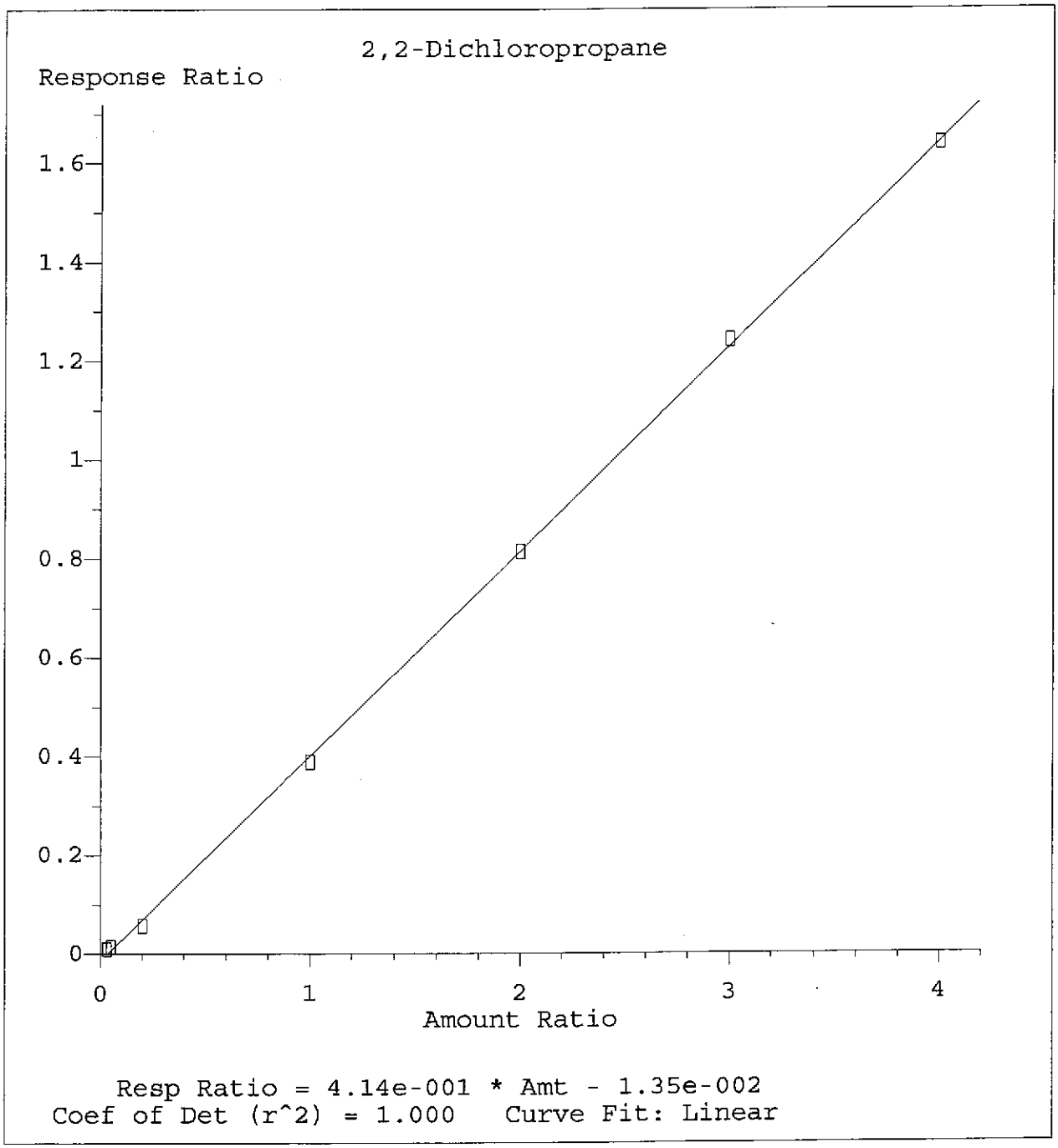
Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.381		
45)		1,1,2-Trichloroetha	0.179		
46)		2-Hexanone	0.155		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.416		
49)		1,3-Dichloropropane	0.797		
50)		Dibromochloromethan	0.492		
51)		Tetrachloroethene	0.602		
52)		1-Chlorohexane	0.859		
53)		1,1,1,2-Tetrachloro	0.512		
54)	PM	Chlorobenzene	1.649		
55)	CP	Ethylbenzene	2.722		
56)		(m+p)-Xylene	1.064		
57)		o-Xylene	1.066		
58)		Styrene	1.726		
59)	P	Bromoform	0.293		
60)	S	Bromofluorobenzene	0.772		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.156		
63)	P	1,1,2,2-Tetrachloro	0.871		
64)		Isopropylbenzene	3.698		
65)		1,2,3-Trichloroprop	0.740		
66)		Bromobenzene	1.110		
67)		n-Propylbenzene	3.916		
68)		2-Chlorotoluene	3.095		
69)		4-Chlorotoluene	2.588		
70)		1,3,5-Trimethylbenz	2.726		
71)		tert-Butylbenzene	2.523		
72)		1,2,4-Trimethylbenz	2.434		
73)		sec-Butylbenzene	3.229		
74)		1,3-Dichlorobenzene	1.658		
75)		p-Isopropyltoluene	2.653		
76)		1,4-Dichlorobenzene	1.582		
77)		n-Butylbenzene	2.316		
78)		1,2-Dichlorobenzene	1.540		
79)		1,2-Dibromo-3-chlor	0.144		
80)		1,2,4-Trichlorobenz	0.830		
81)		Hexachlorobutadiene	0.551		
82)		Naphthalene	1.427		
83)		1,2,3-Trichlorobenz	0.812		

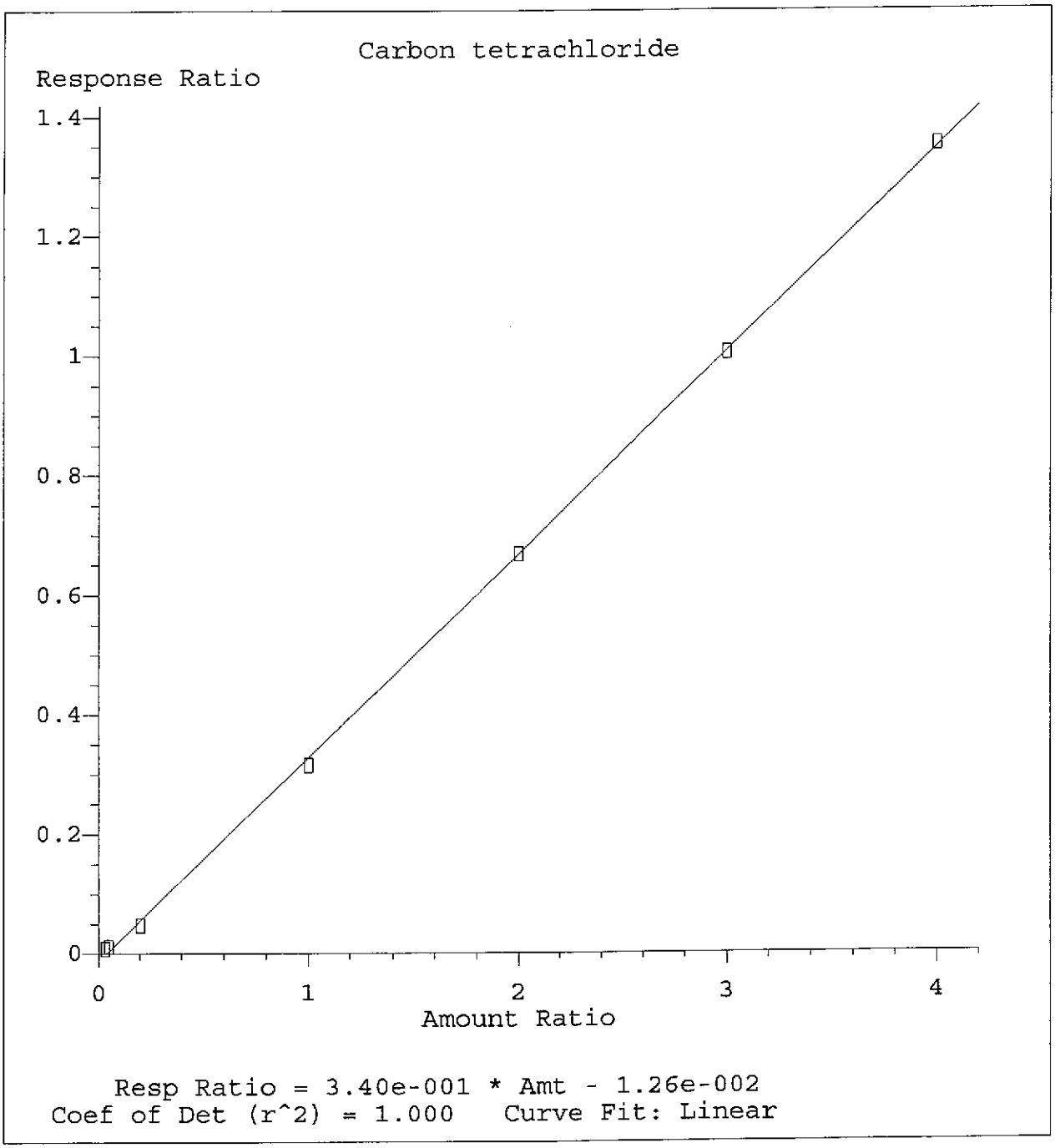
(#) = Out of Range ### Number of calibration levels exceeded format ###



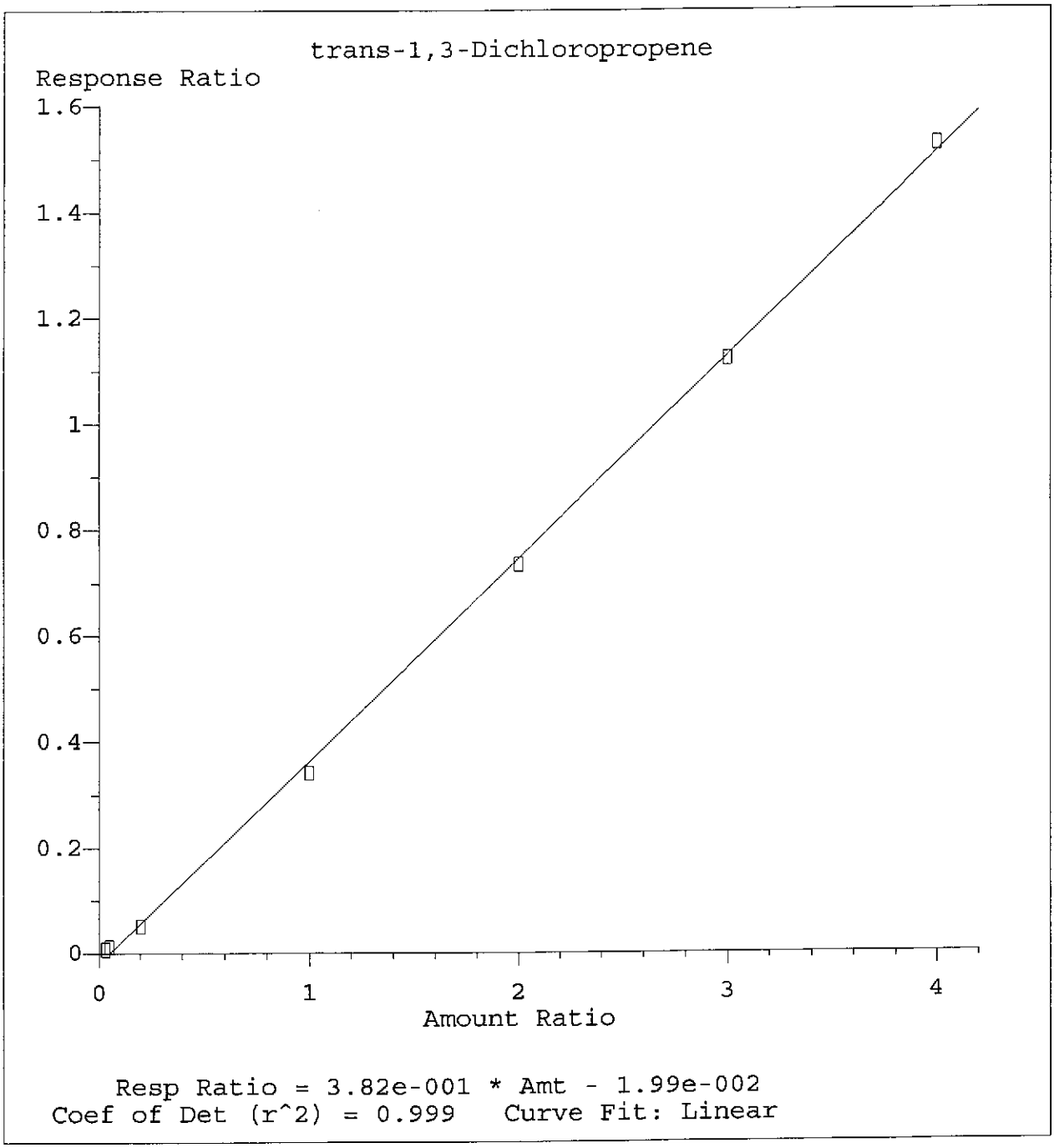
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:21:32 2007



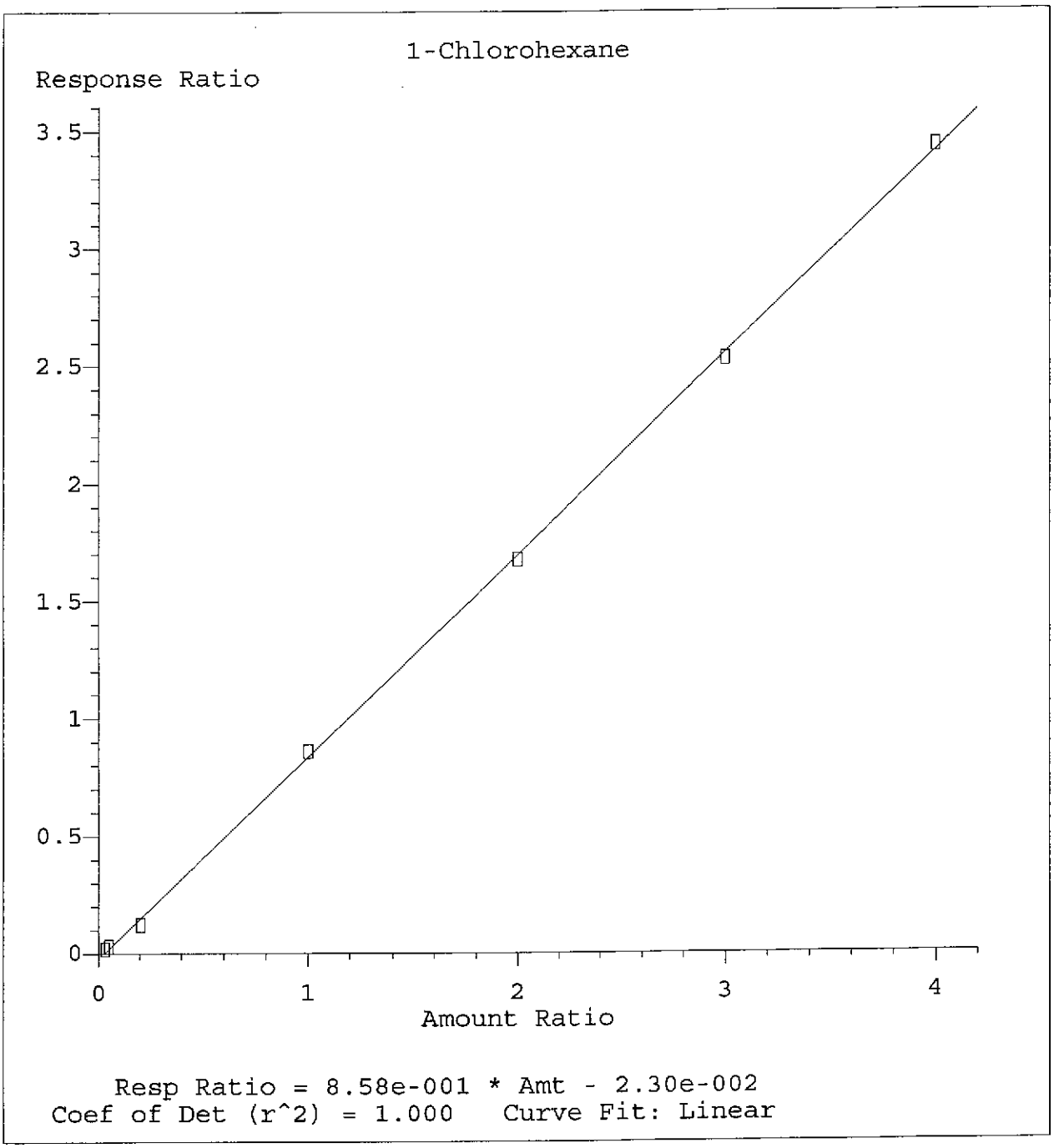
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Calibration Table Last Updated: Wed Sep 26 06:22:42 2007



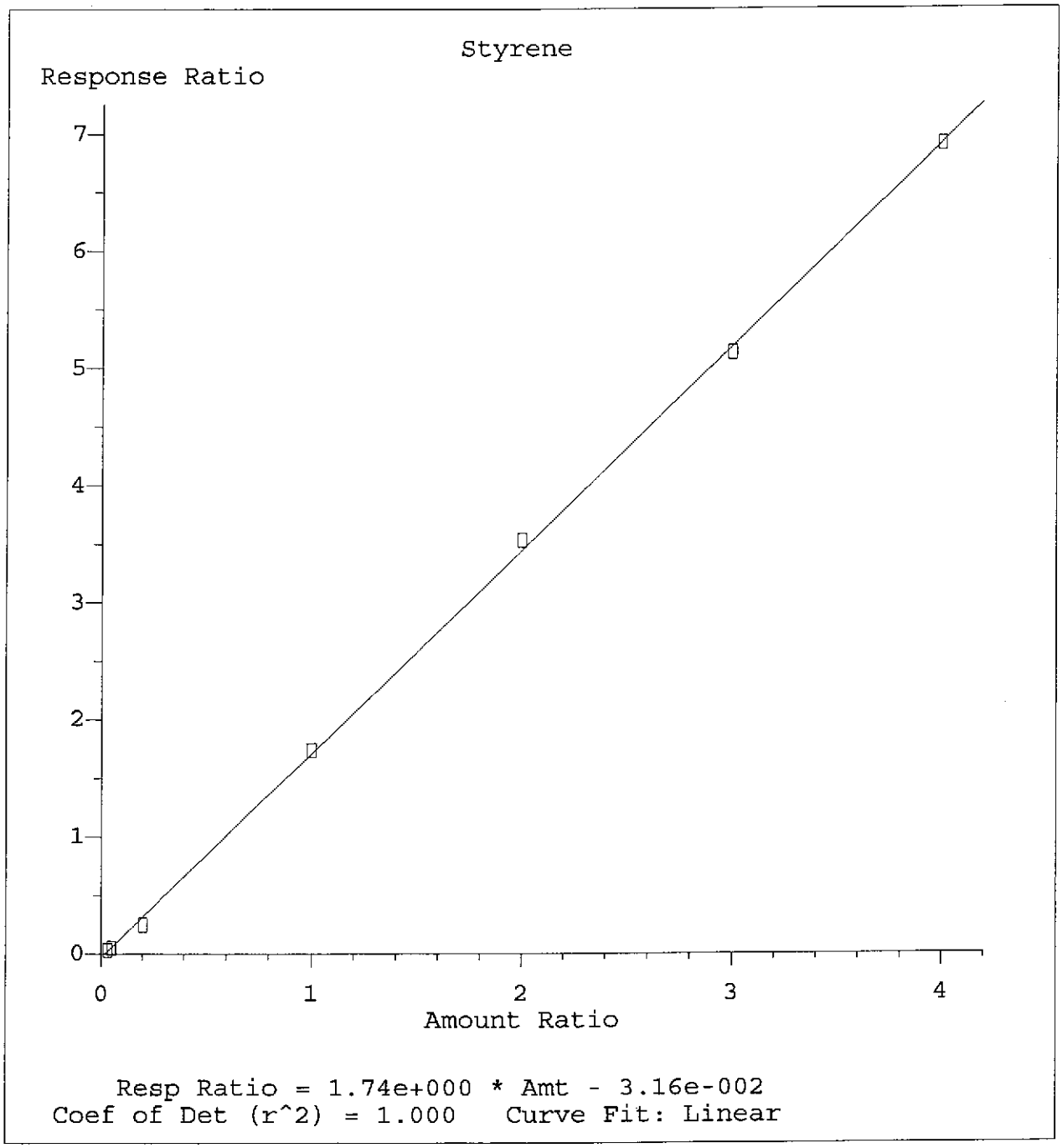
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Calibration Table Last Updated: Wed Sep 26 06:23:44 2007



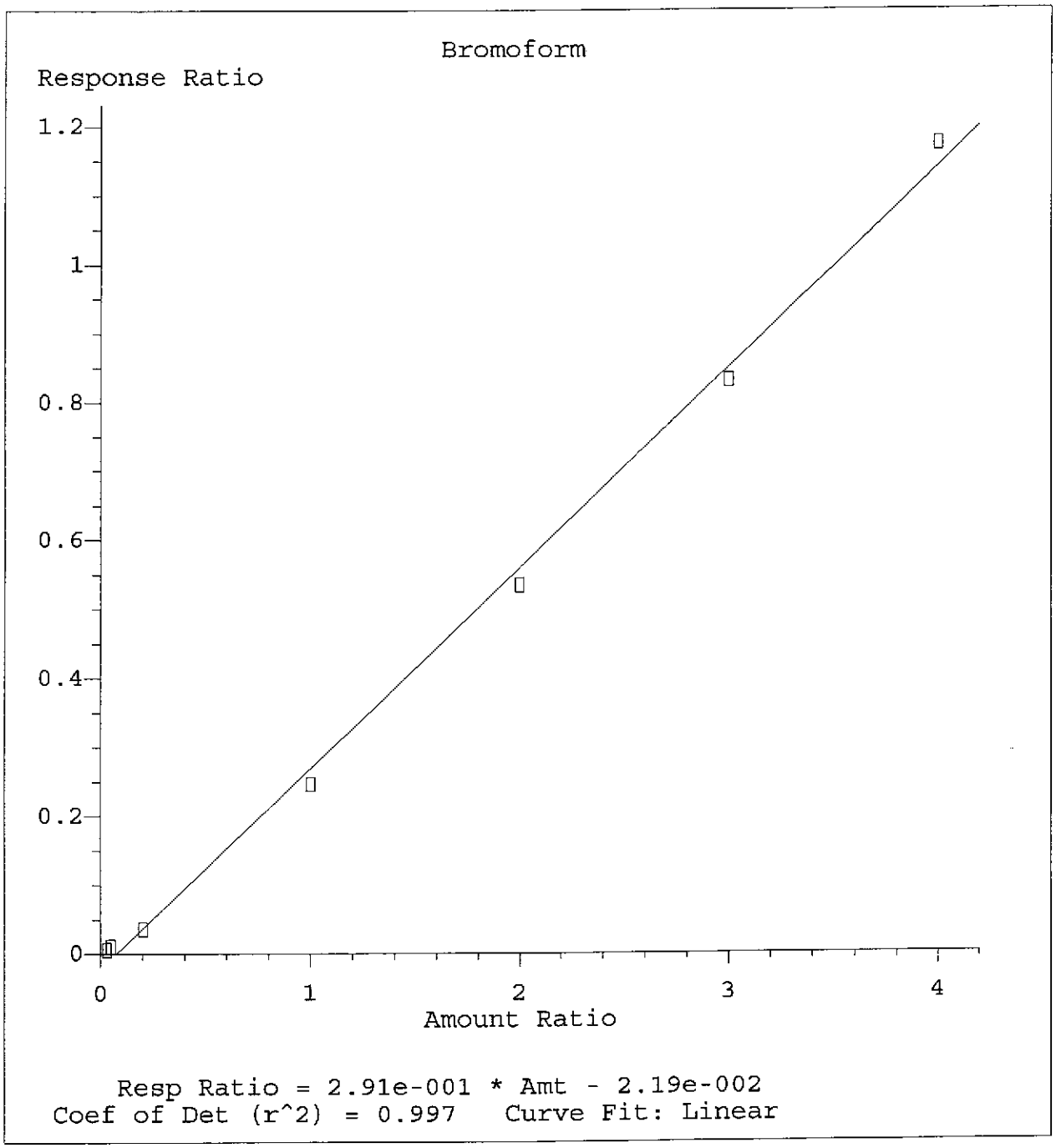
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:27:50 2007



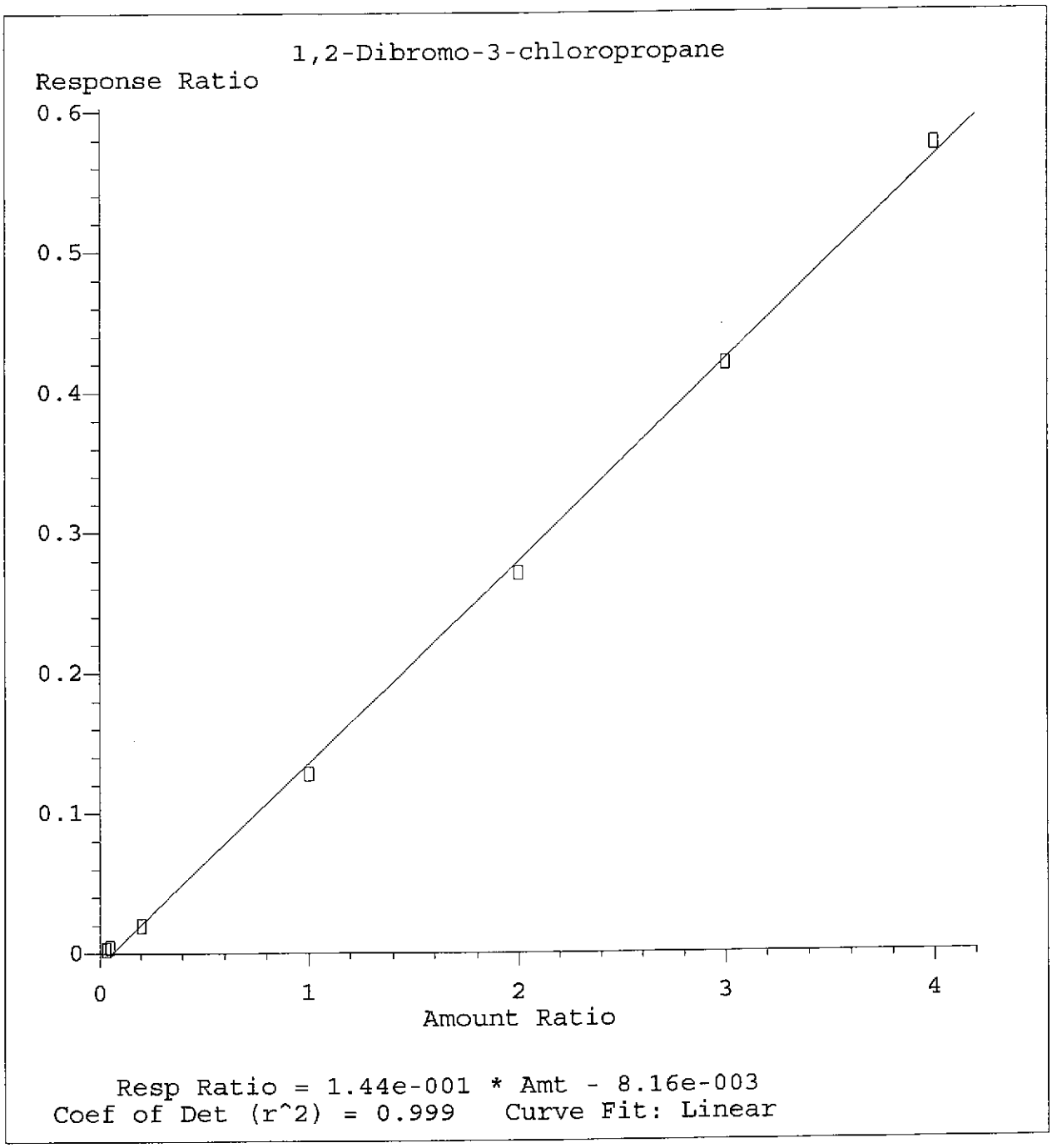
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:28:58 2007



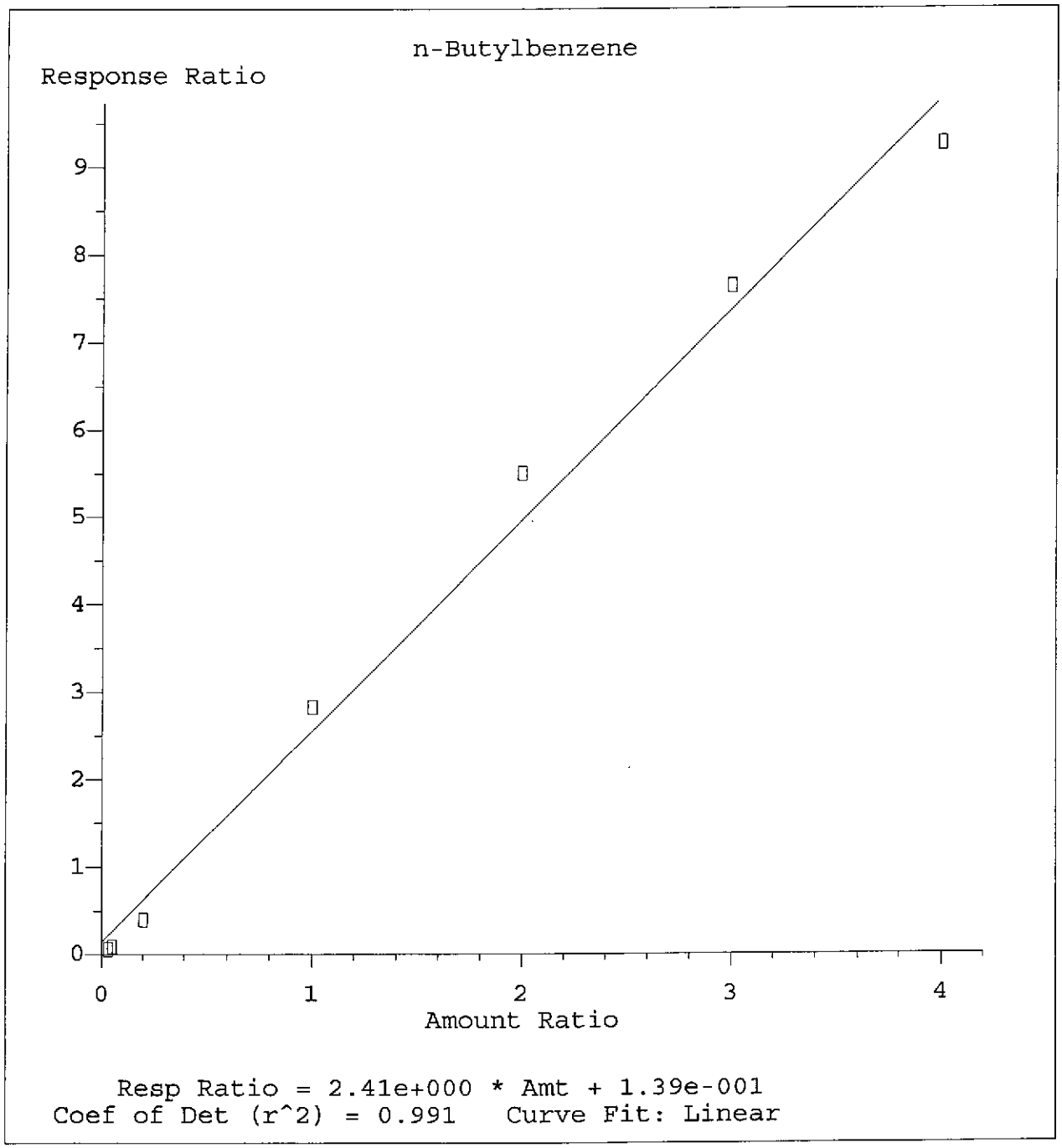
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:29:48 2007



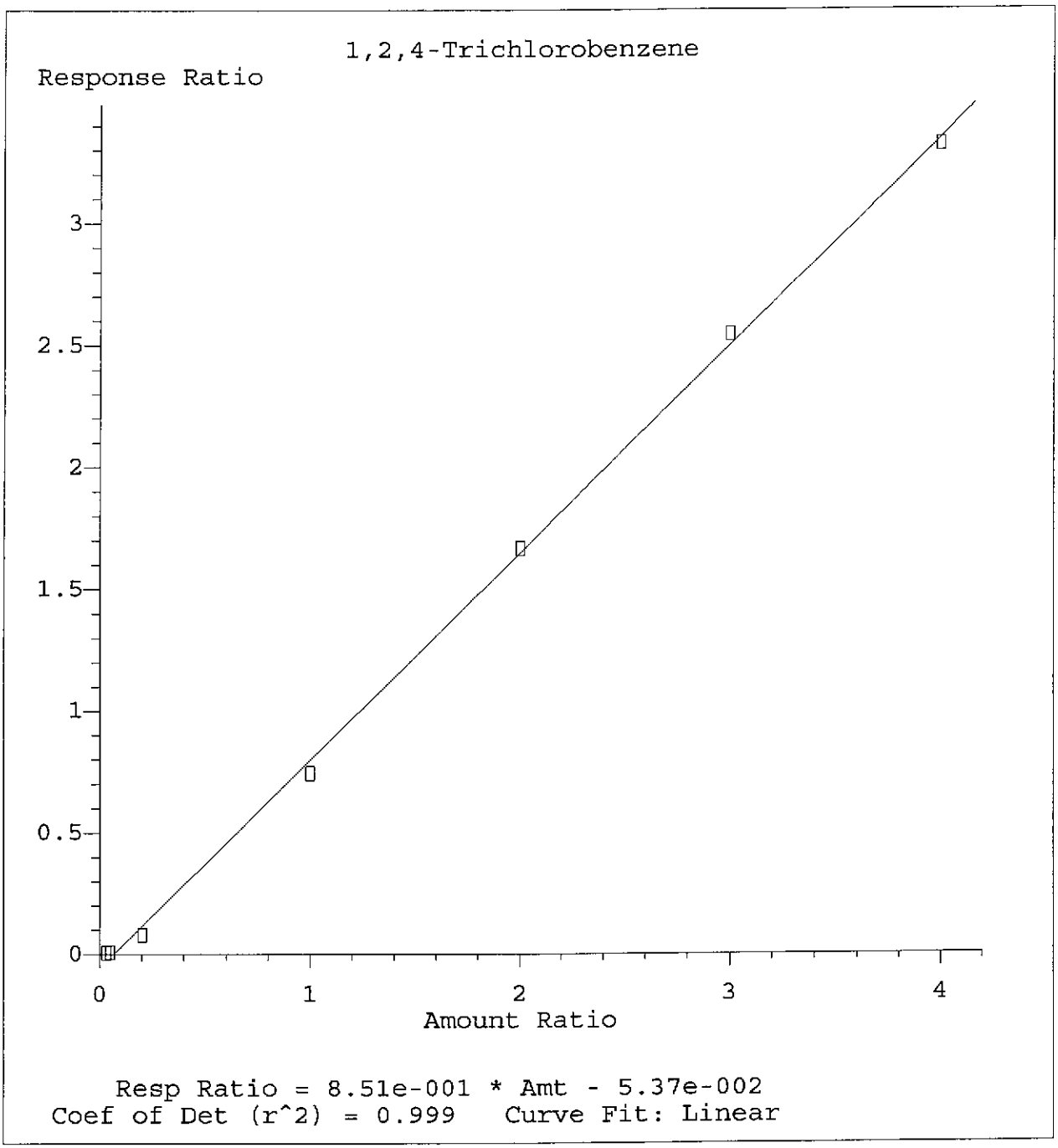
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:30:12 2007



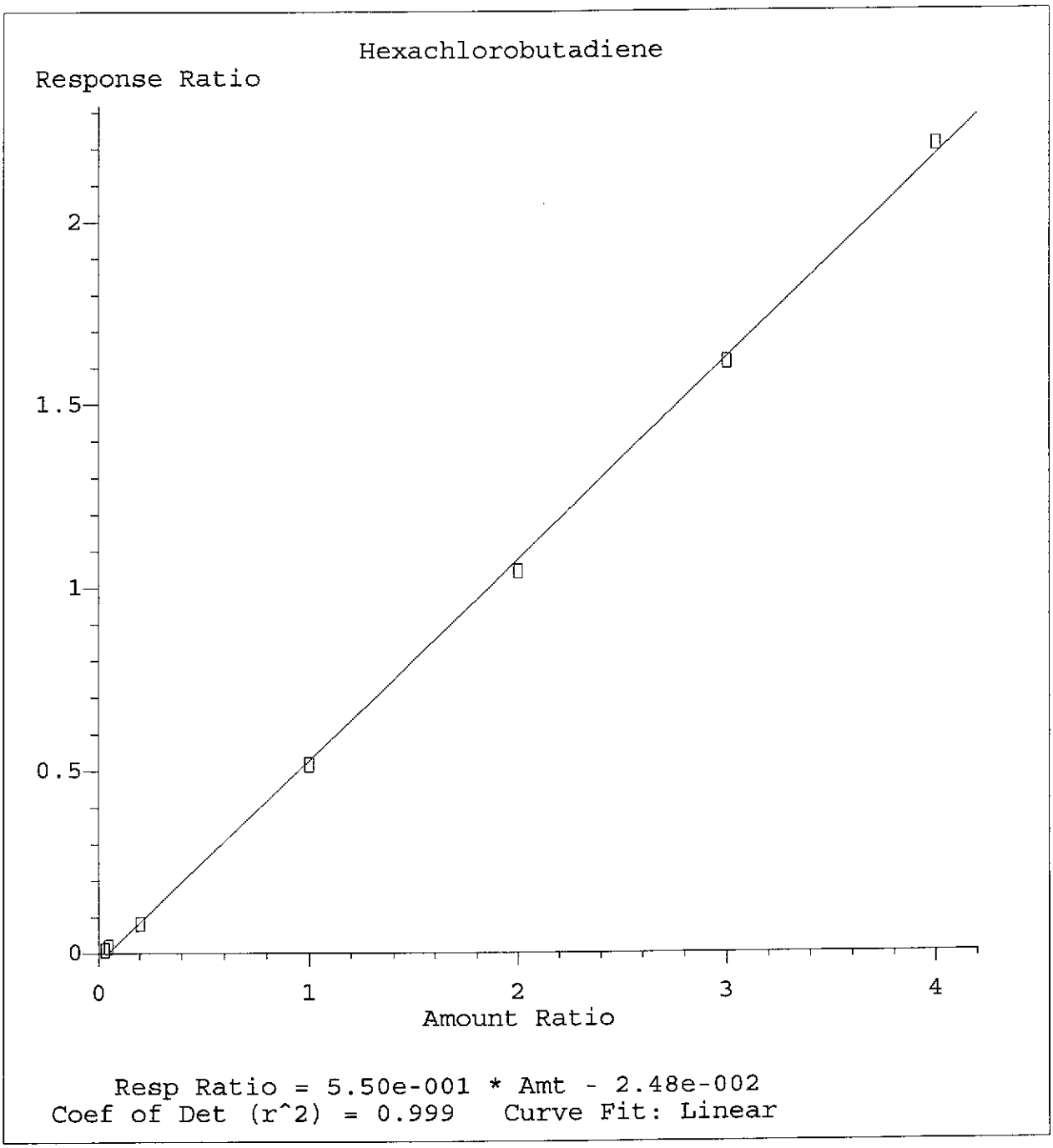
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Calibration Table Last Updated: Wed Sep 26 06:32:06 2007



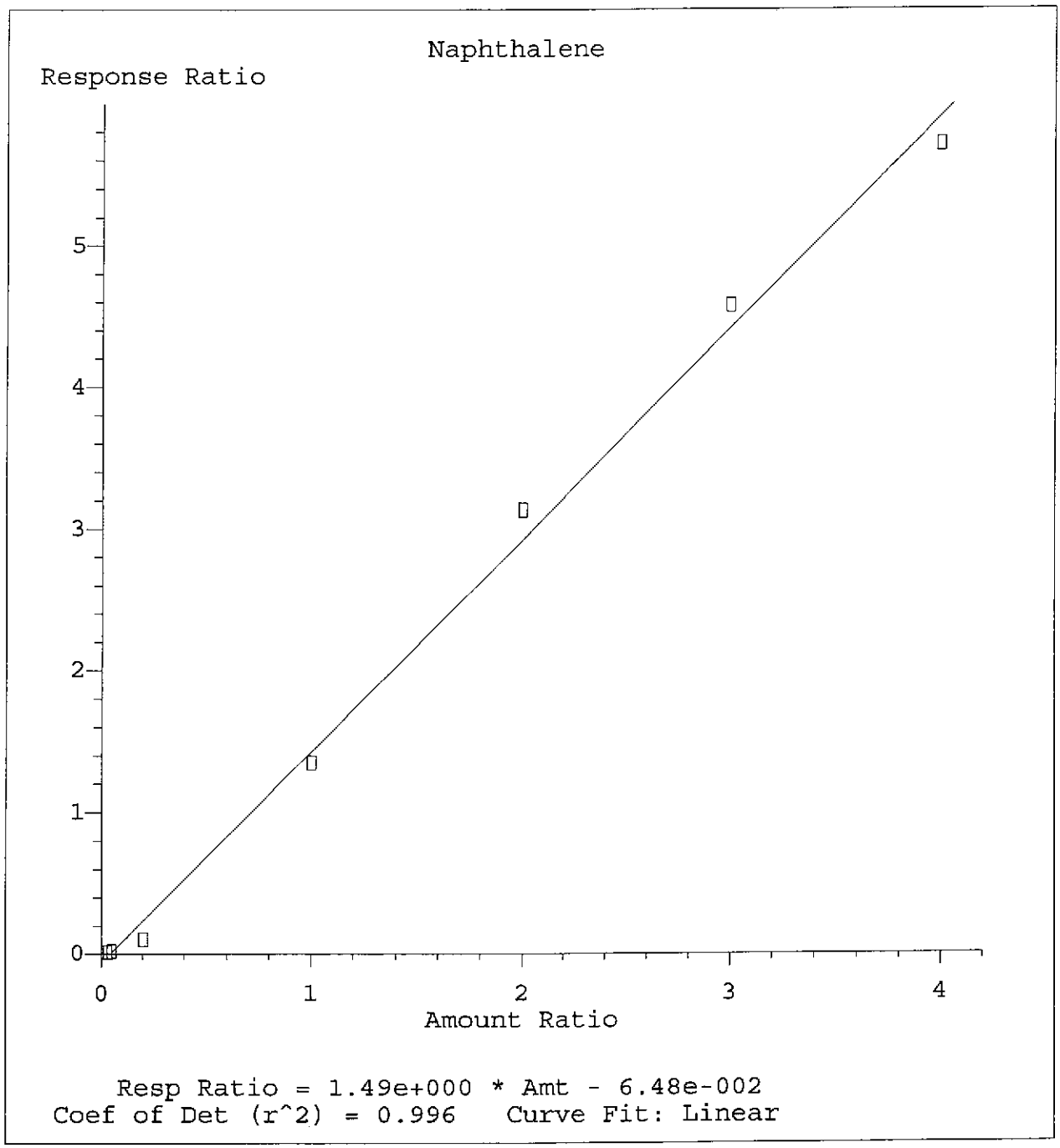
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Calibration Table Last Updated: Wed Sep 26 08:57:43 2007



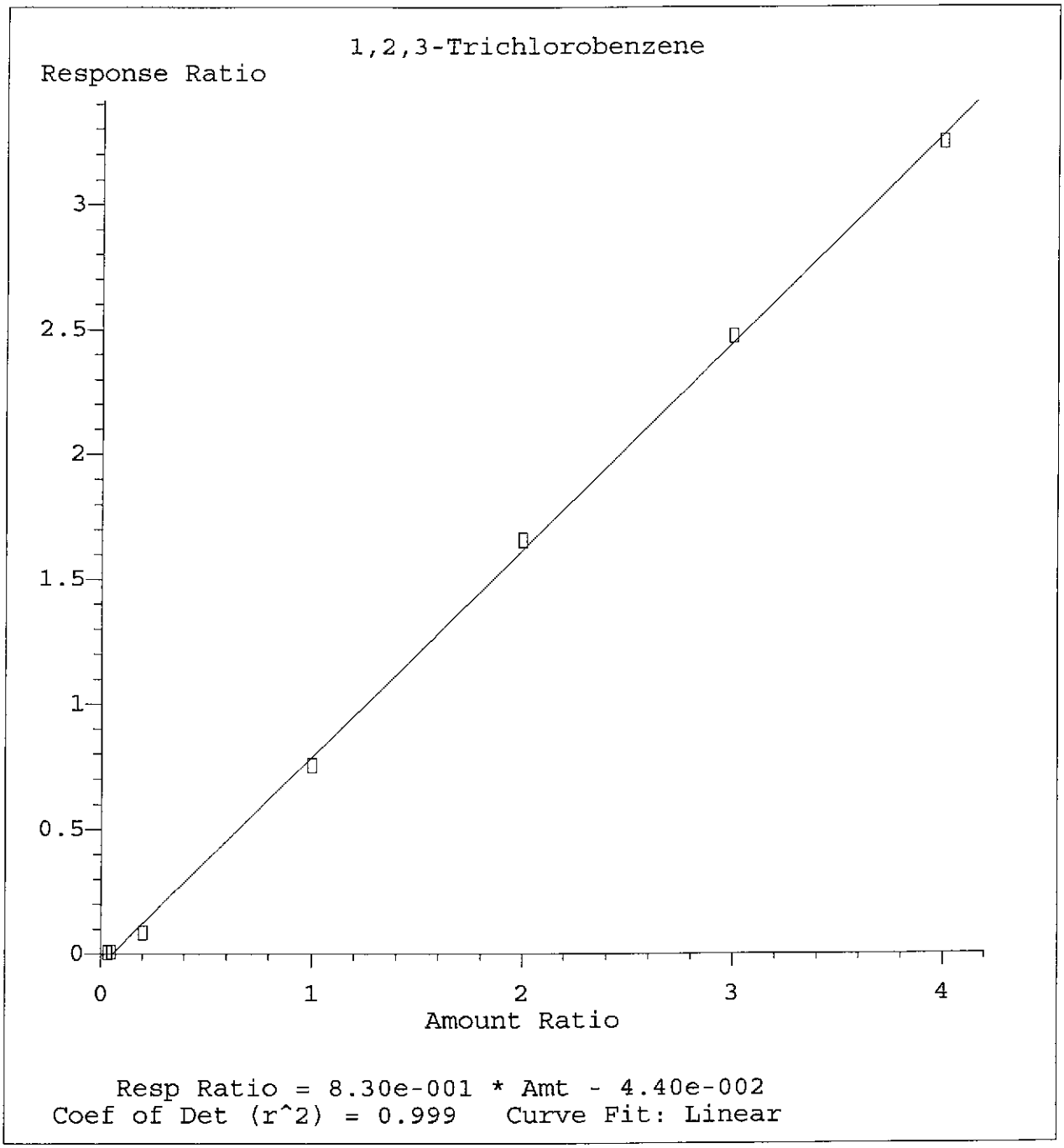
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:32:40 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:41 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:58 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:34:16 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	19.9	0.6	
1,1,1,2-Tetrachloroethane	10	9.42	5.8	
1,1,1-Trichloroethane	10	9.9	1.0	
1,1,2,2-Tetrachloroethane	10	10	0	
1,1,2-Trichloroethane	10	9.63	3.7	
1,1-Dichloroethane	10	9.6	4.0	
1,1-Dichloroethene	10	9.23	7.7	
1,1-Dichloropropene	10	10	-0.4	
1,2,3-Trichlorobenzene	10	9.26	7.4	
1,2,3-Trichloropropane	10	9.91	0.9	
1,2,4-Trichlorobenzene	10	9.25	7.5	
1,2,4-Trimethylbenzene	10	10.9	-9.2	
1,2-Dibromo-3-chloropropane	10	8.94	10.6	
1,2-Dibromoethane	10	9.56	4.4	
1,2-Dichlorobenzene	10	10.3	-3.1	
1,2-Dichloroethane	10	9.49	5.1	
1,2-Dichloroethane-d4	10	10	-0.5	
1,2-Dichloropropane	10	9.42	5.8	
1,3,5-Trimethylbenzene	10	10.8	-8.3	
1,3-Dichlorobenzene	10	10.1	-1.3	
1,3-Dichloropropane	10	9.57	4.3	
1,4-Dichlorobenzene	10	9.91	0.9	
1-Chlorohexane	10	9.45	5.5	
2,2-Dichloropropane	10	8.99	10.1	
2-Butanone	20	19.5	2.5	
2-Chlorotoluene	10	10.3	-3.4	
4-Bromofluorobenzene	10	9.94	0.6	
4-Chlorotoluene	10	10.4	-4.3	
4-Methyl-2-pentanone	20	17.7	11.4	
Acetone	20	22.4	-12.0	
Benzene	10	10	-0.4	
Bromobenzene	10	10.1	-0.7	
Bromochloromethane	10	9.2	8.0	
Bromodichloromethane	10	10.1	-0.7	
Bromoform	10	8.63	13.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	9.3	7.0	
Carbon tetrachloride	10	9.08	9.2	
Chlorobenzene	10	9.76	2.4	
Chloroethane	10	9.51	4.9	
Chloroform	10	9.61	3.9	
Chloromethane	10	9.52	4.8	
cis-1,2-Dichloroethene	10	9.65	3.5	
cis-1,3-Dichloropropene	10	10.2	-2.3	
Dibromochloromethane	10	9.6	4.0	
Dibromofluoromethane	10	10.1	-1.1	
Dibromomethane	10	9.45	5.5	
Dichlorodifluoromethane	10	9.58	4.2	
Ethylbenzene	10	10.3	-2.7	
Hexachlorobutadiene	10	9.44	5.6	
Isopropylbenzene	10	11	-9.6	
Methyl tert-butyl ether	10	10.1	-1.1	
Methylene chloride	10	9.11	8.9	
n-Butylbenzene	10	11.7	-17.4	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.14	8.6	
o-Xylene	10	9.84	1.6	
p-Isopropyltoluene	10	11.2	-11.7	
sec-Butylbenzene	10	11.2	-11.6	
Styrene	10	9.06	9.4	
tert-Butylbenzene	10	10.5	-5.0	
Tetrachloroethene	10	9.43	5.7	
Toluene	10	10.3	-2.8	
Toluene-d8	10	10.8	-8.2	
trans-1,2-Dichloroethene	10	9.52	4.8	
trans-1,3-Dichloropropene	10	8.96	10.4	
Trichloroethene	10	9.56	4.4	
Trichlorofluoromethane	10	10	-0.5	
Vinyl chloride	10	10	-0.1	
Xylenes (total)	30	29.7	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11247

SEE ATTACHED

Comments:

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0569.D
Acq On : 29 Sep 2007 8:36
Sample : CCV-11247
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 02 07:21:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	105	-0.01
2		Dichlorodifluoromethane	0.478	0.524	-9.6	105	-0.02
3	P	Chloromethane	0.570	0.612	-7.4	107	-0.05
4	CP	Vinyl chloride	0.494	0.547	-10.7	108	-0.02
5		Bromomethane	0.336	0.310	7.7	103	-0.01
6		Chloroethane	0.370	0.369	0.3	101	-0.01
7		Trichlorofluoromethane	0.605	0.670	-10.7	106	-0.01
8		Acetone	0.061	0.064	-4.9	115	-0.01
9	CPM	1,1-Dichloroethene	0.195	0.203	-4.1	103	-0.01
10		Methylene chloride	0.341	0.267	21.7#	99	-0.01
11		trans-1,2-Dichloroethene	0.245	0.262	-6.9	107	-0.01
12		Methyl tert-Butyl ether	0.600	0.673	-12.2	111	-0.01
13	P	1,1-Dichloroethane	0.483	0.535	-10.8	111	-0.01
14		2-Butanone	0.095	0.101	-6.3	110	0.00
		cis-1,2-Dichloroethene	0.270	0.285	-5.6	107	-0.01
		Bromochloromethane	0.123	0.119	3.3	103	-0.01
17	CP	Chloroform	0.463	0.493	-6.5	107	0.00
18		2,2-Dichloropropane	0.362	0.443	-22.4#	120	0.00
19	S	Dibromofluoromethane	0.218	0.222	-1.8	104	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.308	-10.0	111	-0.01
21		1,2-Dichloroethane	0.334	0.373	-11.7	113	0.00
22		1,1,1-Trichloroethane	0.397	0.443	-11.6	109	0.00
23		1,1-Dichloropropene	0.355	0.394	-11.0	107	-0.01
24		Carbon tetrachloride	0.295	0.344	-16.6	115	-0.01
25	M	Benzene	1.085	1.171	-7.9	103	0.00
26	M	Trichloroethene	0.281	0.296	-5.3	106	0.00
27		Dibromomethane	0.141	0.146	-3.5	107	0.00
28	CP	1,2-Dichloropropane	0.283	0.301	-6.4	109	0.00
29		Bromodichloromethane	0.316	0.348	-10.1	108	0.00
30		4-Methyl-2-pentanone	0.212	0.215	-1.4	106	0.00
31		cis-1,3-Dichloropropene	0.389	0.439	-12.9	110	0.00
32	S	Toluene-d8	0.923	0.962	-4.2	99	-0.01
33	CPM	Toluene	0.705	0.751	-6.5	101	0.00
34		trans-1,3-Dichloropropene	0.315	0.358	-13.7	110	0.00
35		1,1,2-Trichloroethane	0.172	0.175	-1.7	103	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
37		1,2-Dibromoethane	0.398	0.398	0.0	101	0.00
38		1,3-Dichloropropane	0.801	0.850	-6.1	106	0.00
39		Dibromochloromethane	0.433	0.443	-2.3	101	0.00
		Tetrachloroethene	0.581	0.555	4.5	96	0.00

(#) = Out of Range

10/2/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0569.D
Acq On : 29 Sep 2007 8:36
Sample : CCV-11247
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 02 07:21:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.816	-10.4	98	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.486	-3.6	105	0.00
43	PM	Chlorobenzene	1.661	1.653	0.5	97	0.00
44	CP	Ethylbenzene	2.990	3.257	-8.9	101	0.00
45		(m+p)-Xylene	1.003	1.047	-4.4	97	0.00
46		o-Xylene	0.961	1.013	-5.4	98	0.00
47		Styrene	1.479	1.595	-7.8	95	0.00
48	P	Bromoform	0.235	0.226	3.8	95	0.00
49	S	Bromofluorobenzene	0.742	0.758	-2.2	101	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	0.948	-2.7	95	0.00
52		Isopropylbenzene	4.246	4.945	-16.5	97	0.00
53		1,2,3-Trichloropropane	0.758	0.738	2.6	90	0.00
		Bromobenzene	1.072	1.085	-1.2	92	0.00
[illegible]		n-Propylbenzene	4.590	5.420	-18.1	97	0.00
56		2-Chlorotoluene	3.323	3.739	-12.5	97	0.00
57		4-Chlorotoluene	2.710	3.080	-13.7	97	0.00
58		1,3,5-Trimethylbenzene	2.884	3.295	-14.3	93	0.00
59		tert-Butylbenzene	2.644	2.928	-10.7	94	0.00
60		1,2,4-Trimethylbenzene	2.592	2.980	-15.0	93	0.00
61		sec-Butylbenzene	3.754	4.443	-18.4	94	0.00
62		1,3-Dichlorobenzene	1.638	1.738	-6.1	92	0.00
63		p-Isopropyltoluene	2.778	3.233	-16.4	92	0.00
64		1,4-Dichlorobenzene	1.591	1.608	-1.1	90	0.00
65		n-Butylbenzene	2.288	2.849	-24.5#	93	0.00
66		1,2-Dichlorobenzene	1.519	1.619	-6.6	92	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.137	-17.1	99	0.00
68		1,2,4-Trichlorobenzene	0.580	0.764	-31.7#	95	0.00
69		Hexachlorobutadiene	0.456	0.521	-14.3	93	0.00
70		Naphthalene	1.021	1.438	-40.8#	98	0.00
71		1,2,3-Trichlorobenzene	0.569	0.768	-35.0#	94	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0569.D
Acq On : 29 Sep 2007 8:36
Sample : CCV-11247
Misc : CCV ,8260WAF 40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 02 07:21:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	105	-0.01
2		Dichlorodifluoromethane	10.000	10.965	-9.6	105	-0.02
3	P	Chloromethane	10.000	10.729	-7.3	107	-0.05
4	CP	Vinyl chloride	10.000	11.073	-10.7	108	-0.02
5		Bromomethane	10.000	9.209	7.9	103	-0.01
6		Chloroethane	10.000	9.982	0.2	101	-0.01
7		Trichlorofluoromethane	10.000	11.072	-10.7	106	-0.01
8		Acetone	20.000	20.776	-3.9	115	-0.01
9	CPM	1,1-Dichloroethene	10.000	10.429	-4.3	103	-0.01
10		Methylene chloride	10.000	9.614	3.9	99	-0.01
11		trans-1,2-Dichloroethene	10.000	10.680	-6.8	107	-0.01
12		Methyl tert-Butyl ether	10.000	11.224	-12.2	111	-0.01
13	P	1,1-Dichloroethane	10.000	11.078	-10.8	111	-0.01
14		2-Butanone	20.000	21.139	-5.7	110	0.00
		cis-1,2-Dichloroethene	10.000	10.555	-5.5	107	-0.01
[illegible]		Bromochloromethane	10.000	9.631	3.7	103	-0.01
17	CP	Chloroform	10.000	10.667	-6.7	107	0.00
18		2,2-Dichloropropane	10.000	11.012	-10.1	120	0.00
19	S	Dibromofluoromethane	10.000	10.196	-2.0	104	0.00
20	S	1,2-Dichloroethane-d4	10.000	11.009	-10.1	111	-0.01
21		1,2-Dichloroethane	10.000	11.164	-11.6	113	0.00
22		1,1,1-Trichloroethane	10.000	11.172	-11.7	109	0.00
23		1,1-Dichloropropene	10.000	11.097	-11.0	107	-0.01
24		Carbon tetrachloride	10.000	10.489	-4.9	115	-0.01
25	M	Benzene	10.000	10.792	-7.9	103	0.00
26	M	Trichloroethene	10.000	10.513	-5.1	106	0.00
27		Dibromomethane	10.000	10.329	-3.3	107	0.00
28	CP	1,2-Dichloropropane	10.000	10.638	-6.4	109	0.00
29		Bromodichloromethane	10.000	11.019	-10.2	108	0.00
30		4-Methyl-2-pentanone	20.000	20.279	-1.4	106	0.00
31		cis-1,3-Dichloropropene	10.000	11.290	-12.9	110	0.00
32	S	Toluene-d8	10.000	10.424	-4.2	99	-0.01
33	CPM	Toluene	10.000	10.644	-6.4	101	0.00
34		trans-1,3-Dichloropropene	10.000	9.882	1.2	110	0.00
35		1,1,2-Trichloroethane	10.000	10.161	-1.6	103	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	104	0.00
37		1,2-Dibromoethane	10.000	10.012	-0.1	101	0.00
38		1,3-Dichloropropane	10.000	10.623	-6.2	106	0.00
[illegible]		Dibromochloromethane	10.000	10.229	-2.3	101	0.00
		Tetrachloroethene	10.000	9.539	4.6	96	0.00

(#) = Out of Range

10/2/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0569.D
Acq On : 29 Sep 2007 8:36
Sample : CCV-11247
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 02 07:21:18 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.769	2.3	98	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.351	-3.5	105	0.00
43	PM	Chlorobenzene	10.000	9.951	0.5	97	0.00
44	CP	Ethylbenzene	10.000	10.892	-8.9	101	0.00
45		(m+p)-Xylene	20.000	20.884	-4.4	97	0.00
46		o-Xylene	10.000	10.538	-5.4	98	0.00
47		Styrene	10.000	9.367	6.3	95	0.00
48	P	Bromoform	10.000	8.524	14.8	95	0.00
49	S	Bromofluorobenzene	10.000	10.219	-2.2	101	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.272	-2.7	95	0.00
52		Isopropylbenzene	10.000	11.646	-16.5	97	0.00
53		1,2,3-Trichloropropane	10.000	9.730	2.7	90	0.00
		Bromobenzene	10.000	10.114	-1.1	92	0.00
[illegible]		n-Propylbenzene	10.000	11.808	-18.1	97	0.00
56		2-Chlorotoluene	10.000	11.252	-12.5	97	0.00
57		4-Chlorotoluene	10.000	11.364	-13.6	97	0.00
58		1,3,5-Trimethylbenzene	10.000	11.425	-14.3	93	0.00
59		tert-Butylbenzene	10.000	11.071	-10.7	94	0.00
60		1,2,4-Trimethylbenzene	10.000	11.493	-14.9	93	0.00
61		sec-Butylbenzene	10.000	11.837	-18.4	94	0.00
62		1,3-Dichlorobenzene	10.000	10.611	-6.1	92	0.00
63		p-Isopropyltoluene	10.000	11.636	-16.4	92	0.00
64		1,4-Dichlorobenzene	10.000	10.111	-1.1	90	0.00
65		n-Butylbenzene	10.000	11.237	-12.4	93	0.00
66		1,2-Dichlorobenzene	10.000	10.657	-6.6	92	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.114	-1.1	99	0.00
68		1,2,4-Trichlorobenzene	10.000	9.610	3.9	95	0.00
69		Hexachlorobutadiene	10.000	9.919	0.8	93	0.00
70		Naphthalene	10.000	10.065	-0.6	98	0.00
71		1,2,3-Trichlorobenzene	10.000	9.778	2.2	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11302

SEE ATTACHED

Comments:

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11302
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	105	0.00
2		Dichlorodifluoromethane	0.478	0.538	-12.6	107	0.00
3	P	Chloromethane	0.570	0.645	-13.2	112	0.00
4	CP	Vinyl chloride	0.494	0.571	-15.6	112	0.00
5		Bromomethane	0.336	0.303	9.8	101	0.00
6		Chloroethane	0.370	0.396	-7.0	108	0.00
7		Trichlorofluoromethane	0.605	0.678	-12.1	107	0.00
8		Acetone	0.061	0.065	-6.6	117	0.00
9	CPM	1,1-Dichloroethene	0.195	0.184	5.6	93	0.00
10		Methylene chloride	0.341	0.265	22.3#	97	0.00
11		trans-1,2-Dichloroethene	0.245	0.243	0.8	99	0.00
12		Methyl tert-Butyl ether	0.600	0.645	-7.5	106	0.00
13	P	1,1-Dichloroethane	0.483	0.523	-8.3	108	0.00
[illegible]		2-Butanone	0.095	0.104	-9.5	113	0.00
[illegible]		cis-1,2-Dichloroethene	0.270	0.272	-0.7	101	0.00
16		Bromochloromethane	0.123	0.119	3.3	102	0.00
17	CP	Chloroform	0.463	0.498	-7.6	108	0.00
18		2,2-Dichloropropane	0.362	0.424	-17.1	115	0.00
19	S	Dibromofluoromethane	0.218	0.221	-1.4	103	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.308	-10.0	110	0.00
21		1,2-Dichloroethane	0.334	0.371	-11.1	112	0.00
22		1,1,1-Trichloroethane	0.397	0.442	-11.3	108	0.00
23		1,1-Dichloropropene	0.355	0.387	-9.0	105	0.00
24		Carbon tetrachloride	0.295	0.332	-12.5	111	0.00
25	M	Benzene	1.085	1.181	-8.8	103	0.00
26	M	Trichloroethene	0.281	0.295	-5.0	105	0.00
27		Dibromomethane	0.141	0.147	-4.3	108	0.00
28	CP	1,2-Dichloropropane	0.283	0.303	-7.1	109	0.00
29		Bromodichloromethane	0.316	0.348	-10.1	108	0.00
30		4-Methyl-2-pentanone	0.212	0.231	-9.0	113	0.00
31		cis-1,3-Dichloropropene	0.389	0.436	-12.1	109	0.00
32	S	Toluene-d8	0.923	1.016	-10.1	104	0.00
33	CPM	Toluene	0.705	0.775	-9.9	104	0.00
34		trans-1,3-Dichloropropene	0.315	0.376	-19.4	115	0.00
35		1,1,2-Trichloroethane	0.172	0.179	-4.1	105	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
37		1,2-Dibromoethane	0.398	0.384	3.5	103	0.00
[illegible]		1,3-Dichloropropane	0.801	0.817	-2.0	107	0.00
		Dibromochloromethane	0.433	0.431	0.5	104	0.00
40		Tetrachloroethene	0.581	0.540	7.1	99	0.00

(#) = Out of Range

David Barbin 10/4/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11302
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.833	-12.7	106	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.483	-3.0	110	0.00
43	PM	Chlorobenzene	1.661	1.655	0.4	102	0.00
44	CP	Ethylbenzene	2.990	3.198	-7.0	105	0.00
45		(m+p)-Xylene	1.003	1.001	0.2	97	0.00
46		o-Xylene	0.961	0.967	-0.6	99	0.00
47		Styrene	1.479	1.543	-4.3	97	0.00
48	P	Bromoform	0.235	0.229	2.6	102	0.00
49	S	Bromofluorobenzene	0.742	0.742	0.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	1.046	-13.3	105	0.00
52		Isopropylbenzene	4.246	5.127	-20.7#	101	0.00
[illegible]		1,2,3-Trichloropropane	0.758	0.817	-7.8	100	0.00
[illegible]		Bromobenzene	1.072	1.144	-6.7	97	0.00
55		n-Propylbenzene	4.590	5.632	-22.7#	101	0.00
56		2-Chlorotoluene	3.323	3.902	-17.4	101	0.00
57		4-Chlorotoluene	2.710	3.171	-17.0	100	0.00
58		1,3,5-Trimethylbenzene	2.884	3.433	-19.0	97	0.00
59		tert-Butylbenzene	2.644	3.034	-14.8	98	0.00
60		1,2,4-Trimethylbenzene	2.592	3.129	-20.7#	98	0.00
61		sec-Butylbenzene	3.754	4.662	-24.2#	99	0.00
62		1,3-Dichlorobenzene	1.638	1.788	-9.2	95	0.00
63		p-Isopropyltoluene	2.778	3.389	-22.0#	97	0.00
64		1,4-Dichlorobenzene	1.591	1.669	-4.9	93	0.00
65		n-Butylbenzene	2.288	3.005	-31.3#	98	0.00
66		1,2-Dichlorobenzene	1.519	1.651	-8.7	94	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.141	-20.5#	101	0.00
68		1,2,4-Trichlorobenzene	0.580	0.777	-34.0#	97	0.00
69		Hexachlorobutadiene	0.456	0.515	-12.9	92	0.00
70		Naphthalene	1.021	1.434	-40.5#	98	0.00
71		1,2,3-Trichlorobenzene	0.569	0.780	-37.1#	96	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11302
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	105	0.00
2		Dichlorodifluoromethane	10.000	11.247	-12.5	107	0.00
3	P	Chloromethane	10.000	11.310	-13.1	112	0.00
4	CP	Vinyl chloride	10.000	11.564	-15.6	112	0.00
5		Bromomethane	10.000	9.020	9.8	101	0.00
6		Chloroethane	10.000	10.694	-6.9	108	0.00
7		Trichlorofluoromethane	10.000	11.195	-12.0	107	0.00
8		Acetone	20.000	21.126	-5.6	117	0.00
9	CPM	1,1-Dichloroethene	10.000	9.446	5.5	93	0.00
10		Methylene chloride	10.000	9.514	4.9	97	0.00
11		trans-1,2-Dichloroethene	10.000	9.927	0.7	99	0.00
12		Methyl tert-Butyl ether	10.000	10.764	-7.6	106	0.00
13	P	1,1-Dichloroethane	10.000	10.833	-8.3	108	0.00
[illegible]		2-Butanone	20.000	21.912	-9.6	113	0.00
[illegible]		cis-1,2-Dichloroethene	10.000	10.054	-0.5	101	0.00
16		Bromochloromethane	10.000	9.642	3.6	102	0.00
17	CP	Chloroform	10.000	10.755	-7.6	108	0.00
18		2,2-Dichloropropane	10.000	10.576	-5.8	115	0.00
19	S	Dibromofluoromethane	10.000	10.125	-1.3	103	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.991	-9.9	110	0.00
21		1,2-Dichloroethane	10.000	11.107	-11.1	112	0.00
22		1,1,1-Trichloroethane	10.000	11.131	-11.3	108	0.00
23		1,1-Dichloropropene	10.000	10.926	-9.3	105	0.00
24		Carbon tetrachloride	10.000	10.148	-1.5	111	0.00
25	M	Benzene	10.000	10.891	-8.9	103	0.00
26	M	Trichloroethene	10.000	10.477	-4.8	105	0.00
27		Dibromomethane	10.000	10.442	-4.4	108	0.00
28	CP	1,2-Dichloropropane	10.000	10.701	-7.0	109	0.00
29		Bromodichloromethane	10.000	11.030	-10.3	108	0.00
30		4-Methyl-2-pentanone	20.000	21.752	-8.8	113	0.00
31		cis-1,3-Dichloropropene	10.000	11.193	-11.9	109	0.00
32	S	Toluene-d8	10.000	11.008	-10.1	104	0.00
33	CPM	Toluene	10.000	10.984	-9.8	104	0.00
34		trans-1,3-Dichloropropene	10.000	10.352	-3.5	115	0.00
35		1,1,2-Trichloroethane	10.000	10.399	-4.0	105	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	109	0.00
37		1,2-Dibromoethane	10.000	9.668	3.3	103	0.00
[illegible]		1,3-Dichloropropane	10.000	10.204	-2.0	107	0.00
		Dibromochloromethane	10.000	9.963	0.4	104	0.00
40		Tetrachloroethene	10.000	9.289	7.1	99	0.00

(#) = Out of Range

[illegible] 10/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11302
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:48:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.971	0.3	106	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.286	-2.9	110	0.00
43	PM	Chlorobenzene	10.000	9.966	0.3	102	0.00
44	CP	Ethylbenzene	10.000	10.697	-7.0	105	0.00
45		(m+p)-Xylene	20.000	19.953	0.2	97	0.00
46		o-Xylene	10.000	10.063	-0.6	99	0.00
47		Styrene	10.000	9.070	9.3	97	0.00
48	P	Bromoform	10.000	8.633	13.7	102	0.00
49	S	Bromofluorobenzene	10.000	10.000	0.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.337	-13.4	105	0.00
52		Isopropylbenzene	10.000	12.074	-20.7#	101	0.00
[illegible]		1,2,3-Trichloropropane	10.000	10.783	-7.8	100	0.00
[illegible]		Bromobenzene	10.000	10.664	-6.6	97	0.00
55		n-Propylbenzene	10.000	12.270	-22.7#	101	0.00
56		2-Chlorotoluene	10.000	11.744	-17.4	101	0.00
57		4-Chlorotoluene	10.000	11.701	-17.0	100	0.00
58		1,3,5-Trimethylbenzene	10.000	11.905	-19.0	97	0.00
59		tert-Butylbenzene	10.000	11.475	-14.7	98	0.00
60		1,2,4-Trimethylbenzene	10.000	12.071	-20.7#	98	0.00
61		sec-Butylbenzene	10.000	12.419	-24.2#	99	0.00
62		1,3-Dichlorobenzene	10.000	10.916	-9.2	95	0.00
63		p-Isopropyltoluene	10.000	12.200	-22.0#	97	0.00
64		1,4-Dichlorobenzene	10.000	10.492	-4.9	93	0.00
65		n-Butylbenzene	10.000	11.883	-18.8	98	0.00
66		1,2-Dichlorobenzene	10.000	10.865	-8.7	94	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.370	-3.7	101	0.00
68		1,2,4-Trichlorobenzene	10.000	9.769	2.3	97	0.00
69		Hexachlorobutadiene	10.000	9.803	2.0	92	0.00
70		Naphthalene	10.000	10.041	-0.4	98	0.00
71		1,2,3-Trichlorobenzene	10.000	9.919	0.8	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-11247
Initial Calibration ID:	1060	**File ID:**	T0573.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-11247
Initial Calibration ID:	1060	**File ID:**	T0573.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	98	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11247
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-11247
Initial Calibration ID:	1060	**File ID:**	T0573.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	567789	443553 - 1774212	
Chlorobenzene-d5	1335640	698816 - 2795262	
Fluorobenzene	3025592	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-11302
Initial Calibration ID:	1060	**File ID:**	T0617.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-11302
Initial Calibration ID:	1060	**File ID:**	T0617.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	113	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	103	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11302
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-11302
Initial Calibration ID:	1060	**File ID:**	T0617.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	546555	443553 - 1774212	
Chlorobenzene-d5	1334322	698816 - 2795262	
Fluorobenzene	3055076	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11247 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T0570.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	20.8	104	76 - 128	
1,1,1,2-Tetrachloroethane	10	9.94	99	81 - 129	
1,1,1-Trichloroethane	10	10.5	105	67 - 132	
1,1,2,2-Tetrachloroethane	10	9.80	98	63 - 128	
1,1,2-Trichloroethane	10	9.78	98	75 - 125	
1,1-Dichloroethane	10	10.3	103	69 - 133	
1,1-Dichloroethene	10	9.16	92	68 - 130	
1,1-Dichloropropene	10	10.2	103	73 - 132	
1,2,3-Trichlorobenzene	10	9.37	94	67 - 137	
1,2,3-Trichloropropane	10	9.69	97	73 - 124	
1,2,4-Trichlorobenzene	10	9.09	91	66 - 134	
1,2,4-Trimethylbenzene	10	11.3	113	74 - 132	
1,2-Dibromo-3-chloropropane	10	9.64	96	50 - 132	
1,2-Dibromoethane	10	9.34	93	80 - 121	
1,2-Dichlorobenzene	10	10.4	104	71 - 122	
1,2-Dichloroethane	10	10.3	103	69 - 132	
1,2-Dichloropropane	10	10.1	101	75 - 125	
1,3,5-Trimethylbenzene	10	11.2	112	74 - 131	
1,3-Dichlorobenzene	10	10.4	104	75 - 124	
1,3-Dichloropropane	10	9.93	99	73 - 126	
1,4-Dichlorobenzene	10	10.0	101	74 - 123	
1-Chlorohexane	10	10.0	100	70 - 125	
2,2-Dichloropropane	10	9.91	99	69 - 137	
2-Butanone	20	21.2	106	49 - 136	
2-Chlorotoluene	10	11.1	111	73 - 126	
4-Chlorotoluene	10	11.2	112	74 - 128	
4-Methyl-2-pentanone	20	19.3	96	58 - 134	
Acetone	20	24.2	121	40 - 135	
Benzene	10	10.3	103	81 - 122	
Bromobenzene	10	9.95	100	76 - 124	
Bromochloromethane	10	9.17	92	65 - 129	
Bromodichloromethane	10	10.5	105	76 - 121	
Bromoform	10	8.45	84	69 - 128	
Bromomethane	10	9.57	96	30 - 141	
Carbon tetrachloride	10	9.78	98	66 - 138	
Chlorobenzene	10	9.92	99	81 - 122	
Chloroethane	10	9.78	98	58 - 133	
Chloroform	10	10.1	101	69 - 128	
Chloromethane	10	10.1	101	56 - 131	
cis-1,2-Dichloroethene	10	9.78	98	72 - 126	
cis-1,3-Dichloropropene	10	10.6	106	69 - 131	
Dibromochloromethane	10	9.52	95	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11247 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T0570.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.76	98	76 - 125	
Dichlorodifluoromethane	10	10.1	101	30 - 153	
Ethylbenzene	10	10.7	107	73 - 127	
Hexachlorobutadiene	10	9.50	95	67 - 131	
Isopropylbenzene	10	11.5	115	75 - 127	
Methyl tert-butyl ether	10	10.8	108	65 - 123	
Methylene chloride	10	9.34	93	63 - 137	
n-Butylbenzene	10	10.8	108	69 - 137	
n-Propylbenzene	10	11.7	117	72 - 129	
Naphthalene	10	9.56	96	54 - 138	
o-Xylene	10	10.5	105	80 - 121	
p-Isopropyltoluene	10	11.4	114	73 - 130	
sec-Butylbenzene	10	11.6	116	72 - 127	
Styrene	10	9.33	93	65 - 134	
tert-Butylbenzene	10	10.9	109	70 - 129	
Tetrachloroethene	10	9.34	93	66 - 128	
Toluene	10	10.7	107	77 - 122	
trans-1,2-Dichloroethene	10	9.59	96	63 - 137	
trans-1,3-Dichloropropene	10	9.59	96	59 - 135	
Trichloroethene	10	10.0	101	70 - 127	
Trichlorofluoromethane	10	10.4	104	57 - 129	
Vinyl chloride	10	10.5	105	50 - 134	
Xylenes (total)	30	31.3	104	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	72 - 119	
4-Bromofluorobenzene	104	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	109	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	849647	443553 - 1774212	
Chlorobenzene-d5	1475800	698816 - 2795262	
Fluorobenzene	3203643	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11247 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): ug/L **File ID:** T0571.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	19.6	98	76 - 128	
1,1,1,2-Tetrachloroethane	10	9.85	98	81 - 129	
1,1,1-Trichloroethane	10	10.7	107	67 - 132	
1,1,2,2-Tetrachloroethane	10	11.0	110	63 - 128	
1,1,2-Trichloroethane	10	9.91	99	75 - 125	
1,1-Dichloroethane	10	10.5	105	69 - 133	
1,1-Dichloroethene	10	9.47	95	68 - 130	
1,1-Dichloropropene	10	10.5	105	73 - 132	
1,2,3-Trichlorobenzene	10	9.68	97	67 - 137	
1,2,3-Trichloropropane	10	10.5	105	73 - 124	
1,2,4-Trichlorobenzene	10	9.40	94	66 - 134	
1,2,4-Trimethylbenzene	10	11.8	118	74 - 132	
1,2-Dibromo-3-chloropropane	10	10.2	102	50 - 132	
1,2-Dibromoethane	10	9.61	96	80 - 121	
1,2-Dichlorobenzene	10	10.8	108	71 - 122	
1,2-Dichloroethane	10	10.6	106	69 - 132	
1,2-Dichloropropane	10	10.3	103	75 - 125	
1,3,5-Trimethylbenzene	10	11.6	116	74 - 131	
1,3-Dichlorobenzene	10	10.6	106	75 - 124	
1,3-Dichloropropane	10	9.78	98	73 - 126	
1,4-Dichlorobenzene	10	10.3	103	74 - 123	
1-Chlorohexane	10	9.63	96	70 - 125	
2,2-Dichloropropane	10	10.5	105	69 - 137	
2-Butanone	20	22.3	111	49 - 136	
2-Chlorotoluene	10	11.4	114	73 - 126	
4-Chlorotoluene	10	11.6	116	74 - 128	
4-Methyl-2-pentanone	20	20.2	101	58 - 134	
Acetone	20	26.0	130	40 - 135	
Benzene	10	10.5	105	81 - 122	
Bromobenzene	10	10.6	106	76 - 124	
Bromochloromethane	10	9.38	94	65 - 129	
Bromodichloromethane	10	10.7	107	76 - 121	
Bromoform	10	8.54	85	69 - 128	
Bromomethane	10	9.37	94	30 - 141	
Carbon tetrachloride	10	9.84	98	66 - 138	
Chlorobenzene	10	9.63	96	81 - 122	
Chloroethane	10	9.81	98	58 - 133	
Chloroform	10	10.2	102	69 - 128	
Chloromethane	10	10.0	100	56 - 131	
cis-1,2-Dichloroethene	10	10.0	100	72 - 126	
cis-1,3-Dichloropropene	10	10.9	109	69 - 131	
Dibromochloromethane	10	9.52	95	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11247 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T0571.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.89	99	76 - 125	
Dichlorodifluoromethane	10	10.1	101	30 - 153	
Ethylbenzene	10	10.3	103	73 - 127	
Hexachlorobutadiene	10	9.81	98	67 - 131	
Isopropylbenzene	10	12.0	120	75 - 127	
Methyl tert-butyl ether	10	11.0	110	65 - 123	
Methylene chloride	10	9.19	92	63 - 137	
n-Butylbenzene	10	11.3	113	69 - 137	
n-Propylbenzene	10	12.0	120	72 - 129	
Naphthalene	10	9.97	100	54 - 138	
o-Xylene	10	9.85	98	80 - 121	
p-Isopropyltoluene	10	11.9	119	73 - 130	
sec-Butylbenzene	10	12.0	120	72 - 127	
Styrene	10	8.78	88	65 - 134	
tert-Butylbenzene	10	11.4	114	70 - 129	
Tetrachloroethene	10	9.13	91	66 - 128	
Toluene	10	10.6	106	77 - 122	
trans-1,2-Dichloroethene	10	9.80	98	63 - 137	
trans-1,3-Dichloropropene	10	9.96	100	59 - 135	
Trichloroethene	10	9.91	99	70 - 127	
Trichlorofluoromethane	10	10.5	105	57 - 129	
Vinyl chloride	10	10.5	105	50 - 134	
Xylenes (total)	30	29.4	98	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	805582	443553 - 1774212	
Chlorobenzene-d5	1534625	698816 - 2795262	
Fluorobenzene	3209977	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11302 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T0614.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.6	93	76 - 128	
1,1,1,2-Tetrachloroethane	10	9.46	95	81 - 129	
1,1,1-Trichloroethane	10	10.8	108	67 - 132	
1,1,2,2-Tetrachloroethane	10	11.1	111	63 - 128	
1,1,2-Trichloroethane	10	10.0	101	75 - 125	
1,1-Dichloroethane	10	10.5	105	69 - 133	
1,1-Dichloroethene	10	9.47	95	68 - 130	
1,1-Dichloropropene	10	10.7	107	73 - 132	
1,2,3-Trichlorobenzene	10	9.70	97	67 - 137	
1,2,3-Trichloropropane	10	10.8	108	73 - 124	
1,2,4-Trichlorobenzene	10	9.32	93	66 - 134	
1,2,4-Trimethylbenzene	10	11.7	117	74 - 132	
1,2-Dibromo-3-chloropropane	10	10.4	104	50 - 132	
1,2-Dibromoethane	10	9.13	91	80 - 121	
1,2-Dichlorobenzene	10	10.4	104	71 - 122	
1,2-Dichloroethane	10	10.8	108	69 - 132	
1,2-Dichloropropane	10	10.5	105	75 - 125	
1,3,5-Trimethylbenzene	10	11.4	114	74 - 131	
1,3-Dichlorobenzene	10	10.4	104	75 - 124	
1,3-Dichloropropane	10	9.69	97	73 - 126	
1,4-Dichlorobenzene	10	9.95	100	74 - 123	
1-Chlorohexane	10	9.17	92	70 - 125	
2,2-Dichloropropane	10	10.1	101	69 - 137	
2-Butanone	20	22.3	112	49 - 136	
2-Chlorotoluene	10	11.3	113	73 - 126	
4-Chlorotoluene	10	11.2	112	74 - 128	
4-Methyl-2-pentanone	20	20.4	102	58 - 134	
Acetone	20	26.7	133	40 - 135	
Benzene	10	10.5	105	81 - 122	
Bromobenzene	10	10.3	103	76 - 124	
Bromochloromethane	10	9.23	92	65 - 129	
Bromodichloromethane	10	10.7	107	76 - 121	
Bromoform	10	8.13	81	69 - 128	
Bromomethane	10	9.31	93	30 - 141	
Carbon tetrachloride	10	9.93	99	66 - 138	
Chlorobenzene	10	9.39	94	81 - 122	
Chloroethane	10	10.3	103	58 - 133	
Chloroform	10	10.3	103	69 - 128	
Chloromethane	10	10.6	106	56 - 131	
cis-1,2-Dichloroethene	10	9.83	98	72 - 126	
cis-1,3-Dichloropropene	10	10.9	109	69 - 131	
Dibromochloromethane	10	9.27	93	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11302 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T0614.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.96	100	76 - 125	
Dichlorodifluoromethane	10	10.4	104	30 - 153	
Ethylbenzene	10	10.1	101	73 - 127	
Hexachlorobutadiene	10	9.61	96	67 - 131	
Isopropylbenzene	10	11.6	116	75 - 127	
Methyl tert-butyl ether	10	10.6	106	65 - 123	
Methylene chloride	10	9.24	92	63 - 137	
n-Butylbenzene	10	11.4	114	69 - 137	
n-Propylbenzene	10	11.7	117	72 - 129	
Naphthalene	10	9.79	98	54 - 138	
o-Xylene	10	9.31	93	80 - 121	
p-Isopropyltoluene	10	11.6	116	73 - 130	
sec-Butylbenzene	10	11.8	118	72 - 127	
Styrene	10	8.36	84	65 - 134	
tert-Butylbenzene	10	11.0	110	70 - 129	
Tetrachloroethene	10	8.97	90	66 - 128	
Toluene	10	10.8	108	77 - 122	
trans-1,2-Dichloroethene	10	9.68	97	63 - 137	
trans-1,3-Dichloropropene	10	9.90	99	59 - 135	
Trichloroethene	10	10.3	103	70 - 127	
Trichlorofluoromethane	10	10.9	109	57 - 129	
Vinyl chloride	10	11.0	110	50 - 134	
Xylenes (total)	30	27.9	93	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	72 - 119	
4-Bromofluorobenzene	96	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	110	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	838638	443553 - 1774212	
Chlorobenzene-d5	1627323	698816 - 2795262	
Fluorobenzene	3320759	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11302 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T0615.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.9	94	76 - 128	
1,1,1,2-Tetrachloroethane	10	9.63	96	81 - 129	
1,1,1-Trichloroethane	10	10.6	106	67 - 132	
1,1,2,2-Tetrachloroethane	10	10.9	109	63 - 128	
1,1,2-Trichloroethane	10	10.1	101	75 - 125	
1,1-Dichloroethane	10	10.6	106	69 - 133	
1,1-Dichloroethene	10	9.52	95	68 - 130	
1,1-Dichloropropene	10	10.6	106	73 - 132	
1,2,3-Trichlorobenzene	10	9.62	96	67 - 137	
1,2,3-Trichloropropane	10	10.5	105	73 - 124	
1,2,4-Trichlorobenzene	10	9.50	95	66 - 134	
1,2,4-Trimethylbenzene	10	11.6	116	74 - 132	
1,2-Dibromo-3-chloropropane	10	10.0	101	50 - 132	
1,2-Dibromoethane	10	9.25	92	80 - 121	
1,2-Dichlorobenzene	10	10.6	106	71 - 122	
1,2-Dichloroethane	10	10.7	107	69 - 132	
1,2-Dichloropropane	10	10.2	102	75 - 125	
1,3,5-Trimethylbenzene	10	11.4	114	74 - 131	
1,3-Dichlorobenzene	10	10.4	104	75 - 124	
1,3-Dichloropropane	10	9.74	97	73 - 126	
1,4-Dichlorobenzene	10	10.0	100	74 - 123	
1-Chlorohexane	10	9.22	92	70 - 125	
2,2-Dichloropropane	10	10.0	100	69 - 137	
2-Butanone	20	22.7	113	49 - 136	
2-Chlorotoluene	10	11.3	113	73 - 126	
4-Chlorotoluene	10	11.4	114	74 - 128	
4-Methyl-2-pentanone	20	21.0	105	58 - 134	
Acetone	20	26.5	132	40 - 135	
Benzene	10	10.5	105	81 - 122	
Bromobenzene	10	10.4	104	76 - 124	
Bromochloromethane	10	9.22	92	65 - 129	
Bromodichloromethane	10	10.7	107	76 - 121	
Bromoform	10	8.30	83	69 - 128	
Bromomethane	10	9.22	92	30 - 141	
Carbon tetrachloride	10	9.97	100	66 - 138	
Chlorobenzene	10	9.44	94	81 - 122	
Chloroethane	10	10.1	101	58 - 133	
Chloroform	10	10.2	102	69 - 128	
Chloromethane	10	10.6	106	56 - 131	
cis-1,2-Dichloroethene	10	9.94	99	72 - 126	
cis-1,3-Dichloropropene	10	10.7	107	69 - 131	
Dibromochloromethane	10	9.22	92	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11302 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T0615.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.1	101	76 - 125	
Dichlorodifluoromethane	10	10.4	104	30 - 153	
Ethylbenzene	10	10.2	102	73 - 127	
Hexachlorobutadiene	10	9.44	94	67 - 131	
Isopropylbenzene	10	11.7	117	75 - 127	
Methyl tert-butyl ether	10	10.8	108	65 - 123	
Methylene chloride	10	9.24	92	63 - 137	
n-Butylbenzene	10	11.3	113	69 - 137	
n-Propylbenzene	10	11.7	117	72 - 129	
Naphthalene	10	9.90	99	54 - 138	
o-Xylene	10	9.59	96	80 - 121	
p-Isopropyltoluene	10	11.5	115	73 - 130	
sec-Butylbenzene	10	11.7	117	72 - 127	
Styrene	10	8.51	85	65 - 134	
tert-Butylbenzene	10	11.0	110	70 - 129	
Tetrachloroethene	10	8.89	89	66 - 128	
Toluene	10	10.7	107	77 - 122	
trans-1,2-Dichloroethene	10	9.58	96	63 - 137	
trans-1,3-Dichloropropene	10	9.89	99	59 - 135	
Trichloroethene	10	9.99	100	70 - 127	
Trichlorofluoromethane	10	10.7	107	57 - 129	
Vinyl chloride	10	11.0	110	50 - 134	
Xylenes (total)	30	28.5	95	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	101	85 - 115	
Toluene-d8	110	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	846610	443553 - 1774212	
Chlorobenzene-d5	1615385	698816 - 2795262	
Fluorobenzene	3318200	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-11247 **MS ID:** LCS-11247 **MSD ID:** LCSD-11247

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	20.8	104	19.6	98	6	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	9.94	99	9.85	98	1	81 - 129	20	
1,1,1-Trichloroethane		10.0	10.5	105	10.7	107	1	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	9.80	98	11.0	110	12	63 - 128	20	
1,1,2-Trichloroethane		10.0	9.78	98	9.91	99	1	75 - 125	20	
1,1-Dichloroethane		10.0	10.3	103	10.5	105	2	69 - 133	20	
1,1-Dichloroethene		10.0	9.16	92	9.47	95	3	68 - 130	20	
1,1-Dichloropropene		10.0	10.2	103	10.5	105	2	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	9.37	94	9.68	97	3	67 - 137	20	
1,2,3-Trichloropropane		10.0	9.69	97	10.5	105	8	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	9.09	91	9.40	94	3	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	11.3	113	11.8	118	4	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	9.64	96	10.2	102	6	50 - 132	20	
1,2-Dibromoethane		10.0	9.34	93	9.61	96	3	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.4	104	10.8	108	3	71 - 122	20	
1,2-Dichloroethane		10.0	10.3	103	10.6	106	3	69 - 132	20	
1,2-Dichloropropane		10.0	10.1	101	10.3	103	1	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	11.2	112	11.6	116	3	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.4	104	10.6	106	2	75 - 124	20	
1,3-Dichloropropane		10.0	9.93	99	9.78	98	2	73 - 126	20	
1,4-Dichlorobenzene		10.0	10.0	101	10.3	103	3	74 - 123	20	
1-Chlorohexane		10.0	10.0	100	9.63	96	4	70 - 125	20	
2,2-Dichloropropane		10.0	9.91	99	10.5	105	6	69 - 137	20	
2-Butanone		20.0	21.2	106	22.3	111	5	49 - 136	20	
2-Chlorotoluene		10.0	11.1	111	11.4	114	3	73 - 126	20	
4-Chlorotoluene		10.0	11.2	112	11.6	116	3	74 - 128	20	
4-Methyl-2-pentanone		20.0	19.3	96	20.2	101	5	58 - 134	20	
Acetone		20.0	24.2	121	26.0	130	7	40 - 135	20	
Benzene		10.0	10.3	103	10.5	105	1	81 - 122	20	
Bromobenzene		10.0	9.95	100	10.6	106	6	76 - 124	20	
Bromochloromethane		10.0	9.17	92	9.38	94	2	65 - 129	20	
Bromodichloromethane		10.0	10.5	105	10.7	107	2	76 - 121	20	
Bromoform		10.0	8.45	84	8.54	85	1	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-11247 **MS ID:** LCS-11247 **MSD ID:** LCSD-11247

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	9.57	96	9.37	94	2	30 - 141	20	
Carbon tetrachloride		10.0	9.78	98	9.84	98	1	66 - 138	20	
Chlorobenzene		10.0	9.92	99	9.63	96	3	81 - 122	20	
Chloroethane		10.0	9.78	98	9.81	98	0	58 - 133	20	
Chloroform		10.0	10.1	101	10.2	102	1	69 - 128	20	
Chloromethane		10.0	10.1	101	10.0	100	1	56 - 131	20	
cis-1,2-Dichloroethene		10.0	9.78	98	10.0	100	3	72 - 126	20	
cis-1,3-Dichloropropene		10.0	10.6	106	10.9	109	3	69 - 131	20	
Dibromochloromethane		10.0	9.52	95	9.52	95	0	66 - 133	20	
Dibromomethane		10.0	9.76	98	9.89	99	1	76 - 125	20	
Dichlorodifluoromethane		10.0	10.1	101	10.1	101	0	30 - 153	20	
Ethylbenzene		10.0	10.7	107	10.3	103	4	73 - 127	20	
Hexachlorobutadiene		10.0	9.50	95	9.81	98	3	67 - 131	20	
Isopropylbenzene		10.0	11.5	115	12.0	120	4	75 - 127	20	
Methyl tert-butyl ether		10.0	10.8	108	11.0	110	2	65 - 123	20	
Methylene chloride		10.0	9.34	93	9.19	92	2	63 - 137	20	
n-Butylbenzene		10.0	10.8	108	11.3	113	4	69 - 137	20	
n-Propylbenzene		10.0	11.7	117	12.0	120	3	72 - 129	20	
Naphthalene		10.0	9.56	96	9.97	100	4	54 - 138	20	
o-Xylene		10.0	10.5	105	9.85	98	6	80 - 121	20	
p-Isopropyltoluene		10.0	11.4	114	11.9	119	4	73 - 130	20	
sec-Butylbenzene		10.0	11.6	116	12.0	120	4	72 - 127	20	
Styrene		10.0	9.33	93	8.78	88	6	65 - 134	20	
tert-Butylbenzene		10.0	10.9	109	11.4	114	4	70 - 129	20	
Tetrachloroethene		10.0	9.34	93	9.13	91	2	66 - 128	20	
Toluene		10.0	10.7	107	10.6	106	0	77 - 122	20	
trans-1,2-Dichloroethene		10.0	9.59	96	9.80	98	2	63 - 137	20	
trans-1,3-Dichloropropene		10.0	9.59	96	9.96	100	4	59 - 135	20	
Trichloroethene		10.0	10.0	101	9.91	99	1	70 - 127	20	
Trichlorofluoromethane		10.0	10.4	104	10.5	105	1	57 - 129	20	
Vinyl chloride		10.0	10.5	105	10.5	105	0	50 - 134	20	
Xylenes (total)		30.0	31.3	104	29.4	98	6	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-11302 **MS ID:** LCS-11302 **MSD ID:** LCSD-11302

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	18.6	93	18.9	94	1	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	9.46	95	9.63	96	2	81 - 129	20	
1,1,1-Trichloroethane		10.0	10.8	108	10.6	106	2	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	11.1	111	10.9	109	2	63 - 128	20	
1,1,2-Trichloroethane		10.0	10.0	101	10.1	101	0	75 - 125	20	
1,1-Dichloroethane		10.0	10.5	105	10.6	106	1	69 - 133	20	
1,1-Dichloroethene		10.0	9.47	95	9.52	95	1	68 - 130	20	
1,1-Dichloropropene		10.0	10.7	107	10.6	106	1	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	9.70	97	9.62	96	1	67 - 137	20	
1,2,3-Trichloropropane		10.0	10.8	108	10.5	105	2	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	9.32	93	9.50	95	2	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	11.7	117	11.6	116	1	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	10.4	104	10.0	101	4	50 - 132	20	
1,2-Dibromoethane		10.0	9.13	91	9.25	92	1	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.4	104	10.6	106	2	71 - 122	20	
1,2-Dichloroethane		10.0	10.8	108	10.7	107	1	69 - 132	20	
1,2-Dichloropropane		10.0	10.5	105	10.2	102	2	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	11.4	114	11.4	114	0	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.4	104	10.4	104	0	75 - 124	20	
1,3-Dichloropropane		10.0	9.69	97	9.74	97	1	73 - 126	20	
1,4-Dichlorobenzene		10.0	9.95	100	10.0	100	1	74 - 123	20	
1-Chlorohexane		10.0	9.17	92	9.22	92	1	70 - 125	20	
2,2-Dichloropropane		10.0	10.1	101	10.0	100	1	69 - 137	20	
2-Butanone		20.0	22.3	112	22.7	113	2	49 - 136	20	
2-Chlorotoluene		10.0	11.3	113	11.3	113	0	73 - 126	20	
4-Chlorotoluene		10.0	11.2	112	11.4	114	1	74 - 128	20	
4-Methyl-2-pentanone		20.0	20.4	102	21.0	105	3	58 - 134	20	
Acetone		20.0	26.7	133	26.5	132	1	40 - 135	20	
Benzene		10.0	10.5	105	10.5	105	0	81 - 122	20	
Bromobenzene		10.0	10.3	103	10.4	104	1	76 - 124	20	
Bromochloromethane		10.0	9.23	92	9.22	92	0	65 - 129	20	
Bromodichloromethane		10.0	10.7	107	10.7	107	0	76 - 121	20	
Bromoform		10.0	8.13	81	8.30	83	2	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-11302 **MS ID:** LCS-11302 **MSD ID:** LCSD-11302

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	9.31	93	9.22	92	1	30 - 141	20	
Carbon tetrachloride		10.0	9.93	99	9.97	100	0	66 - 138	20	
Chlorobenzene		10.0	9.39	94	9.44	94	1	81 - 122	20	
Chloroethane		10.0	10.3	103	10.1	101	1	58 - 133	20	
Chloroform		10.0	10.3	103	10.2	102	1	69 - 128	20	
Chloromethane		10.0	10.6	106	10.6	106	0	56 - 131	20	
cis-1,2-Dichloroethene		10.0	9.83	98	9.94	99	1	72 - 126	20	
cis-1,3-Dichloropropene		10.0	10.9	109	10.7	107	2	69 - 131	20	
Dibromochloromethane		10.0	9.27	93	9.22	92	1	66 - 133	20	
Dibromomethane		10.0	9.96	100	10.1	101	1	76 - 125	20	
Dichlorodifluoromethane		10.0	10.4	104	10.4	104	0	30 - 153	20	
Ethylbenzene		10.0	10.1	101	10.2	102	1	73 - 127	20	
Hexachlorobutadiene		10.0	9.61	96	9.44	94	2	67 - 131	20	
Isopropylbenzene		10.0	11.6	116	11.7	117	0	75 - 127	20	
Methyl tert-butyl ether		10.0	10.6	106	10.8	108	1	65 - 123	20	
Methylene chloride		10.0	9.24	92	9.24	92	0	63 - 137	20	
n-Butylbenzene		10.0	11.4	114	11.3	113	1	69 - 137	20	
n-Propylbenzene		10.0	11.7	117	11.7	117	0	72 - 129	20	
Naphthalene		10.0	9.79	98	9.90	99	1	54 - 138	20	
o-Xylene		10.0	9.31	93	9.59	96	3	80 - 121	20	
p-Isopropyltoluene		10.0	11.6	116	11.5	115	1	73 - 130	20	
sec-Butylbenzene		10.0	11.8	118	11.7	117	1	72 - 127	20	
Styrene		10.0	8.36	84	8.51	85	2	65 - 134	20	
tert-Butylbenzene		10.0	11.0	110	11.0	110	0	70 - 129	20	
Tetrachloroethene		10.0	8.97	90	8.89	89	1	66 - 128	20	
Toluene		10.0	10.8	108	10.7	107	1	77 - 122	20	
trans-1,2-Dichloroethene		10.0	9.68	97	9.58	96	1	63 - 137	20	
trans-1,3-Dichloropropene		10.0	9.90	99	9.89	99	0	59 - 135	20	
Trichloroethene		10.0	10.3	103	9.99	100	3	70 - 127	20	
Trichlorofluoromethane		10.0	10.9	109	10.7	107	2	57 - 129	20	
Vinyl chloride		10.0	11.0	110	11.0	110	0	50 - 134	20	
Xylenes (total)		30.0	27.9	93	28.5	95	2	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11247

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TB09	0709150-001A	24-Sep-07	26-Sep-07	29-Sep-07			29-Sep-07	14	5	
AOC9-TW98-GW	0709150-002A	24-Sep-07	26-Sep-07	29-Sep-07			29-Sep-07	14	5	
AOC9-TW99-GW	0709150-003A	24-Sep-07	26-Sep-07	29-Sep-07			29-Sep-07	14	5	
AOC9-TW100-GW	0709150-004A	24-Sep-07	26-Sep-07	29-Sep-07			29-Sep-07	14	5	
AOC9-TW101-GW	0709150-005A	24-Sep-07	26-Sep-07	29-Sep-07			29-Sep-07	14	5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11302

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW102-GW	0709150-006A	24-Sep-07	26-Sep-07	01-Oct-07			01-Oct-07	14	7.1	
AOC9-TW103-GW	0709150-007A	24-Sep-07	26-Sep-07	01-Oct-07			01-Oct-07	14	7.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11 **Calibration ID:** 1060

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB092507A1	TB092507A1	25-Sep-07	9:44	25-Sep-07	10:50
ICAL 0.3 PPB	ICAL 0.3 PPB	25-Sep-07	10:50	25-Sep-07	11:23
ICAL 0.5 PPB	ICAL 0.5 PPB	25-Sep-07	11:23	25-Sep-07	11:56
ICAL 2.0 PPB	ICAL 2.0 PPB	25-Sep-07	11:56	25-Sep-07	12:30
ICAL 10 PPB	ICAL 10 PPB	25-Sep-07	12:30	25-Sep-07	13:03
ICAL 20 PPB	ICAL 20 PPB	25-Sep-07	13:03	25-Sep-07	13:36
ICAL 30 PPB	ICAL 30 PPB	25-Sep-07	13:36	25-Sep-07	14:10
ICAL 40 PPB	ICAL 40 PPB	25-Sep-07	14:10	25-Sep-07	15:17
ICV-11177	ICV-11177	25-Sep-07	15:17	25-Sep-07	15:17
TB092907A1	TB092907A1	29-Sep-07	8:07	29-Sep-07	8:36
CCV-11247	CCV-11247	29-Sep-07	8:36	29-Sep-07	9:09
LCS-11247	LCS-11247	29-Sep-07	9:09	29-Sep-07	9:43
LCSD-11247	LCSD-11247	29-Sep-07	9:43	29-Sep-07	10:50
MB-11247	MB-11247	29-Sep-07	10:50	29-Sep-07	13:03
AOC9-TB09	0709150-001A	29-Sep-07	13:03	29-Sep-07	13:37
AOC9-TW98-GW	0709150-002A	29-Sep-07	13:37	29-Sep-07	14:11
AOC9-TW99-GW	0709150-003A	29-Sep-07	14:11	29-Sep-07	14:44
AOC9-TW101-GW	0709150-005A	29-Sep-07	14:44	29-Sep-07	16:24
AOC9-TW100-GW	0709150-004A	29-Sep-07	16:24	29-Sep-07	16:24
TB100107A1	TB100107A1	01-Oct-07	13:13	01-Oct-07	13:42
CCV-11302	CCV-11302	01-Oct-07	13:42	01-Oct-07	14:16
LCS-11302	LCS-11302	01-Oct-07	14:16	01-Oct-07	14:50
LCSD-11302	LCSD-11302	01-Oct-07	14:50	01-Oct-07	15:57
MB-11302	MB-11302	01-Oct-07	15:57	01-Oct-07	16:30
AOC9-TW102-GW	0709150-006A	01-Oct-07	16:30	01-Oct-07	17:04
AOC9-TW103-GW	0709150-007A	01-Oct-07	17:04	01-Oct-07	17:04

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	OLM04.3	**AAB #:**	MS01_11_070925A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	9/25/2007 9:44:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0468.D
Compound:	SW8260B	**Sample ID:**	TB092507A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.3	
75	30 - 60% of m/z 95	53.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	70.2	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	97.9	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070929B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	9/29/2007 8:07:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0568.D
Compound:	SW8260B	**Sample ID:**	TB092907A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.4	
75	30 - 60% of m/z 95	58.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.2	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	76.2	
175	5 - 9% of m/z 174	6.5	
176	Greater than 95% but less than 101% of m/z 174	96.0	
177	5 - 9% of m/z 176	6.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071001B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/1/2007 1:13:00 PM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0612.D
Compound:	SW8260B	**Sample ID:**	TB100107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	24.5	
75	30 - 60% of m/z 95	56.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.8	
174	Greater than 50% of m/z 95	70.4	
175	5 - 9% of m/z 174	6.4	
176	Greater than 95% but less than 101% of m/z 174	95.4	
177	5 - 9% of m/z 176	6.1	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Thursday, October 18, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0709160

Dear Robert Meyers:

Life Science Laboratories, Inc. received 19 sample(s) on 9/27/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

Discrepancies noted upon receipt are listed on the sample receipt checklist located in the chain of custody section of the report. The temperature of the cooler was 2.2°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Percent Moisture	ASTM D2216	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative - Page 1

Client:	E&E
Project/Order:	Griffiss AFB
Work Order #:	0709160
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): 10/18/07

Supervisor/Reviewed by (Initials/Date): 10/18/07

QA/QC Review (Initials/Date): 10/18/07

File Name: G:\Narratives\MSVoa\0709160svnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used Restek Rtx-502.2, 105 m x 0.53 mm ID and Restek Rtx-VMS, 40 m x 0.18 mm ID capillary columns, both with a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples were unpreserved.

Laboratory Control Sample
The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS-11301	1,1-Dichloroethene	1,4
LCS-11327	Methylene chloride	2,4
LCS-11324	Acetone	3
LCSD-11365	Several	5

1 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples. No corrective action was taken.

2 The recovery marginally exceeded the lower control limit and was not detected above the RL in the associated samples. Recovery met marginal exceedance limits therefore, no flags were applied. No corrective action was taken.

3 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples. Recovery met marginal exceedance limits therefore, no flags were applied. No corrective action was taken.

4 The duplicate LCS met acceptance limits. No corrective action was taken.

5 The recoveries exceeded upper control limits and were detected above the RL in some of the associated samples. Samples were reanalyzed with a passing LCS/LCSD. Both sets of data are included. The primary LCS met acceptance limits.

Client: E&E
Project/Order: Griffiss AFB
Work Order #: 0709160
Methodology: 8260B

MS/MSD
The following compound(s) did not meet matrix spike/matrix spike duplicate percent recovery and/or RPD criteria:

Sample Description	Sample #	Compound	% REC	RPD	Corrective Action
AOC9-SB39-01	0709160-001BMS/MSD	Acetone	X		1,2
		Several	X		1

1 The recovery exceeded the upper control limit and was not detected above the RL except for 1,2,4-Trimethylbenzene in the associated samples. No corrective action was taken.

2 The recovery for this compound in the associated LCS also exceeded acceptance limits. No corrective action was taken.

Surrogate Standards
Many samples failed surrogate criteria due to the presence of a fuel pattern in their matrix. Most of the samples were re-analyzed at higher dilutions, which confirmed the failures and the fuel pattern. No corrective action was taken.

Internal Standards
The dilution of sample AOC9-SB26-02 [0709160-017A DL] had a low recovery of internal standard 1,4-Dichlorobenzene-d4. Matrix interference is suspected. All internal standards met recovery criteria in the primary analysis. No corrective action was taken.

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-11241	MS3	Chloromethane	21.0		1
		Chloroethane	-30.0		2
		Trichlorofluoromethane	-34.6		2
CCV-11283	MS3	Bromomethane	-30.3		3
		Chloroethane	-32.1		2
		Trichlorofluoromethane	-37.7		2
CCV-11297	MS2	Dichlorodifluoromethane	37.3		5
		Bromomethane	21.8		3
		Several	X		2
		p-Isopropyltoluene	-20.6		4
		n-Butylbenzene	-20.7		4
CCV-11301	MS3	Bromomethane	-32.4		2
		Chloroethane	-44.7		2
		Trichlorofluoromethane	-67.5		2

Client: E&E
Project/Order: Griffiss AFB
Work Order #: 0709160
Methodology: 8260B

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-11301	MS3	Acetone	26.0		3
		2-Butanone	25.5		3
		1,3,5-Trimethylbenzene	-21.9		4
CCV-11327	MS2	Dichlorodifluoromethane	24.2		5
		Several	X		2
		Chlorobenzene	-20.8		4
		(m+p)Xylene	-24.0		4
CCV-11383	MS1	Isopropylbenzene	-20.7		4
		n-Propylbenzene	-22.7		4
		1,2,4-Trimethylbenzene	-20.7		4
		sec-Butylbenzene	-24.2		4
		p-Isopropyltoluene	-22.0		4
CCV-11407	MS2	Chloroethane	-21.4		2

1 The recovery marginally exceeded the lower control limit and was not detected above the RL in the associated samples. No corrective action was taken.

2 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples, which is allowed by project variance. No corrective action was taken.

3 Project variance allows ±30% drift. No corrective action taken.

4 The recovery exceeded the upper control limit and was detected above the RL in the associated samples. Results may be biased high. No corrective action was taken.

5 The recovery exceeded the lower control limit and was not detected above the RL in the associated samples. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Miscellaneous
Sample AOC9-SB26-01 [0709160-016A] was re-analyzed due to carryover from a previous sample. The re-analysis ran approximately five hours past the end of the 12-hour BFB tune window. The sample was analyzed again on another instrument, but failed internal standards. The first two runs are reported and the raw data from the third run is included in the final report.

Life Science Laboratories, Inc.

Date: *18-Oct-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0709160

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0709160-001A	AOC9-SB39-01		9/26/2007	9/27/2007
0709160-001B	AOC9-SB39-01		9/26/2007	9/27/2007
0709160-001C	AOC9-SB39-01		9/26/2007	9/27/2007
0709160-004A	AOC9-SB39-02		9/26/2007	9/27/2007
0709160-004B	AOC9-SB39-02		9/26/2007	9/27/2007
0709160-004C	AOC9-SB39-02		9/26/2007	9/27/2007
0709160-005A	AOC9-SB41-01		9/26/2007	9/27/2007
0709160-005B	AOC9-SB41-01		9/26/2007	9/27/2007
0709160-005C	AOC9-SB41-01		9/26/2007	9/27/2007
0709160-006A	AOC9-SB41-02		9/26/2007	9/27/2007
0709160-006B	AOC9-SB41-02		9/26/2007	9/27/2007
0709160-006C	AOC9-SB41-02		9/26/2007	9/27/2007
0709160-007A	AOC9-SB29-01		9/26/2007	9/27/2007
0709160-007B	AOC9-SB29-01		9/26/2007	9/27/2007
0709160-007C	AOC9-SB29-01		9/26/2007	9/27/2007
0709160-008A	AOC9-SB29-02		9/26/2007	9/27/2007
0709160-008B	AOC9-SB29-02		9/26/2007	9/27/2007
0709160-008C	AOC9-SB29-02		9/26/2007	9/27/2007
0709160-009A	AOC9-SB29-03		9/26/2007	9/27/2007
0709160-009B	AOC9-SB29-03		9/26/2007	9/27/2007
0709160-009C	AOC9-SB29-03		9/26/2007	9/27/2007
0709160-010A	AOC9-SB28-01		9/26/2007	9/27/2007
0709160-010B	AOC9-SB28-01		9/26/2007	9/27/2007
0709160-010C	AOC9-SB28-01		9/26/2007	9/27/2007
0709160-011A	AOC9-SB28-02		9/26/2007	9/27/2007
0709160-011B	AOC9-SB28-02		9/26/2007	9/27/2007
0709160-011C	AOC9-SB28-02		9/26/2007	9/27/2007
0709160-012A	AOC9-SB28-03		9/26/2007	9/27/2007
0709160-012B	AOC9-SB28-03		9/26/2007	9/27/2007
0709160-012C	AOC9-SB28-03		9/26/2007	9/27/2007
0709160-013A	AOC9-SB27-01		9/26/2007	9/27/2007
0709160-013B	AOC9-SB27-01		9/26/2007	9/27/2007
0709160-013C	AOC9-SB27-01		9/26/2007	9/27/2007
0709160-014A	AOC9-SB27-02		9/26/2007	9/27/2007
0709160-014B	AOC9-SB27-02		9/26/2007	9/27/2007
0709160-014C	AOC9-SB27-02		9/26/2007	9/27/2007
0709160-015A	AOC9-SB27-03		9/26/2007	9/27/2007
0709160-015B	AOC9-SB27-03		9/26/2007	9/27/2007

CLIENT:	Ecology & Environment, Inc.
Project:	Griffiss AFB
Lab Order:	0709160

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0709160-015C	AOC9-SB27-03		9/26/2007	9/27/2007
0709160-016A	AOC9-SB26-01		9/26/2007	9/27/2007
0709160-016B	AOC9-SB26-01		9/26/2007	9/27/2007
0709160-016C	AOC9-SB26-01		9/26/2007	9/27/2007
0709160-017A	AOC9-SB26-02		9/26/2007	9/27/2007
0709160-017B	AOC9-SB26-02		9/26/2007	9/27/2007
0709160-017C	AOC9-SB26-02		9/26/2007	9/27/2007
0709160-018A	AOC9-SB26-03		9/26/2007	9/27/2007
0709160-018B	AOC9-SB26-03		9/26/2007	9/27/2007
0709160-018C	AOC9-SB26-03		9/26/2007	9/27/2007
0709160-019A	AOC9-SB30-01		9/26/2007	9/27/2007
0709160-019B	AOC9-SB30-01		9/26/2007	9/27/2007
0709160-019C	AOC9-SB30-01		9/26/2007	9/27/2007
0709160-020A	AOC9-SB30-02		9/26/2007	9/27/2007
0709160-020B	AOC9-SB30-02		9/26/2007	9/27/2007
0709160-020C	AOC9-SB30-02		9/26/2007	9/27/2007
0709160-021A	AOC9-SB30-03		9/26/2007	9/27/2007
0709160-021B	AOC9-SB30-03		9/26/2007	9/27/2007
0709160-021C	AOC9-SB30-03		9/26/2007	9/27/2007

Lab Order: 0709160
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0709160-001B	AOC9-SB39-01	9/26/2007 8:20:00 AM	Soil	Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/2/2007
0709160-001C				Percent Moisture			9/27/2007
0709160-004A	AOC9-SB39-02	9/26/2007 8:40:00 AM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-004C				Percent Moisture			9/27/2007
0709160-005A	AOC9-SB41-01	9/26/2007 10:10:00 AM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-005C				Percent Moisture			9/27/2007
0709160-006A	AOC9-SB41-02	9/26/2007 10:22:00 AM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-006C				Percent Moisture			9/27/2007
0709160-007A	AOC9-SB29-01	9/26/2007 11:00:00 AM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-007C				Percent Moisture			9/27/2007
0709160-008B	AOC9-SB29-02	9/26/2007 11:24:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/10/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/3/2007
0709160-008C				Percent Moisture			9/27/2007
0709160-009A	AOC9-SB29-03	9/26/2007 11:35:00 AM		Volatile Organic Compounds by GC/MS			10/2/2007
0709160-009C				Percent Moisture			9/27/2007
0709160-010A	AOC9-SB28-01	9/26/2007 1:20:00 PM		Volatile Organic Compounds by GC/MS			10/2/2007
0709160-010C				Percent Moisture			9/27/2007
0709160-011A	AOC9-SB28-02	9/26/2007 1:40:00 PM		Volatile Organic Compounds by GC/MS			10/2/2007
				Volatile Organic Compounds by GC/MS			10/3/2007
0709160-011C				Percent Moisture			9/27/2007
0709160-012A	AOC9-SB28-03	9/26/2007 1:49:00 PM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-012C				Percent Moisture			9/27/2007
0709160-013A	AOC9-SB27-01	9/26/2007 2:28:00 PM		Volatile Organic Compounds by GC/MS			10/3/2007
0709160-013C				Percent Moisture			9/27/2007
0709160-014A	AOC9-SB27-02	9/26/2007 2:32:00 PM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-014C				Percent Moisture			9/27/2007

Lab Order: 0709160
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0709160-015B	AOC9-SB27-03	9/26/2007 2:45:00 PM	Soil	Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/1/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/3/2007
0709160-015C				Percent Moisture			9/27/2007
0709160-016A	AOC9-SB26-01	9/26/2007 3:35:00 PM		Volatile Organic Compounds by GC/MS			10/3/2007
				Volatile Organic Compounds by GC/MS			10/1/2007
0709160-016C				Percent Moisture			9/27/2007
0709160-017A	AOC9-SB26-02	9/26/2007 3:50:00 PM		Volatile Organic Compounds by GC/MS			10/1/2007
				Volatile Organic Compounds by GC/MS			10/2/2007
0709160-017C				Percent Moisture			9/27/2007
0709160-018A	AOC9-SB26-03	9/26/2007 4:00:00 PM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-018C				Percent Moisture			9/27/2007
0709160-019A	AOC9-SB30-01	9/26/2007 4:53:00 PM		Volatile Organic Compounds by GC/MS			10/2/2007
0709160-019C				Percent Moisture			9/27/2007
0709160-020B	AOC9-SB30-02	9/26/2007 5:08:00 PM		Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/1/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/3/2007
0709160-020C				Percent Moisture			9/27/2007
0709160-021A	AOC9-SB30-03	9/26/2007 5:20:00 PM		Volatile Organic Compounds by GC/MS			10/1/2007
0709160-021C				Percent Moisture			10/1/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # 716-684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs (5 grams Encore) Method 8260 + 1-2002	PCT's 1-2002	Full TCLP + IRC	TCLP VOA		Depth Ft.	READINGS PPM FID	Comments	PID
AOC9-SB39-01 / MS/MSD	9/26/07	0820	Soil	Grab	15	12	3				12-13	*		448
AOC9-SB40-01		0925		Comp	1			1			10.5-12.5	*		754
AOC9-SB40-01		0925		Grab	1				1		16.5-12.5	*		754
AOC9-SB39-02		0840		Grab	5	4	1				15.3-15.7	*		3.1
AOC9-SB41-01		1010			5	4	1				11-11.4	*		0
AOC9-SB41-02		1022			5	4	1				16-16.4	*		0
AOC9-SB29-01		1100			5	4	1				4-4.3	*		0
AOC9-SB29-02		1124			5	4	1				17.8-18.2	*		711
AOC9-SB29-03		1135			5	4	1				20.3-20.7	*		5.1
AOC9-SB28-01		1320			5	4	1				6.8-7.2	6.9		3.6
AOC9-SB28-02		1340			5	4	1				17.8-18.2	1,485		91.2
AOC9-SB28-03	9/24/07	1349	Soil	Grab	5	4	1				21.8-22.2	68 [illegible]		0.6

Relinquished by:	Date: 9/27/07	Time: 0715	Received by:	Date:	Time: 9/24/07
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab:	Date: 9/27/07	Time: 0910
Shipment Method:			Airbill Number:		

Turnaround Time Required:

Routine

Rush (Specify) 1 Week

Temperature: 2.2° C on ICE

Custody Seal INTACT

Comments: NOTE: FID NOT working at the Time of some of The Samples. * =

Original - Laboratory
Copy - Client

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Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # 716 684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs 5gram Encore Method 8260 +1-202	PCTs	Depth Ft.	Readings PPM FID	Comments	PID
AOC9-SB27-01	9/26/07	1428	Soil	Grab	5	4	1	10.3-10.7	0		0
AOC9-SB27-02		1432			5	4	1	11.3-11.7	3,243		72.9
AOC9-SB27-03		1445			5	4	1	17.8-18.2	3,243		1,024
AOC9-SB26-01		1535			5	4	1	7.8-8.2	96.4		0
AOC9-SB26-02		1550			5	4	1	16.3-16.7	96.4		7.6
AOC9-SB26-03		1600			5	4	1	21.3-21.7	18.5		0.1
AOC9-SB30-01		1653			5	4	1	8.0-8.3	0		0
AOC9-SB30-02		1708			5	4	1	19.3-19.7	2,231		1,082
AOC9-SB30-03	9/26/07	1720	Soil	Grab	5	4	1	21.3-21.7	1.0		2.4

Relinquished by:	Date: 9/27/07 Time: 0715	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 9/27/07 Time: 0910
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine
Rush (Specify) 1-Week

Comments:

Temperature: 2.2°C on ICE
Custody Seal INTACT

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Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E** Date and Time Received: **9/27/2007 9:10:00 AM**

Work Order Number **0709160** Received by: ads

Checklist completed by: _____ 9/27/07 Reviewed by: MS 9/27/07
Initials Date Initials Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

"AOC9-SB39-01" (plus MS/MSD) and "AOC9-SB40-01" all have a petroleum smell. Composite and Grab samples from "AOC9-SB40-01" were logged in under a separate workorder.

Corrective Action::

Client/Project E+E - Griffiss AFB 0709160

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0709160-001,004-021	C		DP	13:15 9/27/07	PMoist	16:00 9/27/07
0709160-021	C		HK	10/1/07 16:45	PMOIST	10/1/07 18:45

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: 6271

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB39-01	0709160-001B
AOC9-SB39-01	0709160-001BMS
AOC9-SB39-01	0709160-001BMSD
AOC9-SB29-02	0709160-008B
AOC9-SB29-02 RA	0709160-008BRA
AOC9-SB27-03	0709160-015B
AOC9-SB27-03 DL	0709160-015BDL
AOC9-SB30-02	0709160-020B
AOC9-SB30-02 DL	0709160-020BDL

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R11241

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB26-02	0709160-017A
AOC9-SB26-03	0709160-018A
AOC9-SB30-03	0709160-021A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R11283

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB26-02 DL	0709160-017ADL
AOC9-SB30-01	0709160-019A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB39-02	0709160-004A
AOC9-SB41-01	0709160-005A
AOC9-SB41-02	0709160-006A
AOC9-SB29-01	0709160-007A
AOC9-SB28-03	0709160-012A
AOC9-SB27-02	0709160-014A
AOC9-SB26-01	0709160-016A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB28-02 DL	0709160-011ADL
AOC9-SB27-01	0709160-013A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R11327

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB29-03	0709160-009A
AOC9-SB28-01	0709160-010A
AOC9-SB28-02	0709160-011A
AOC9-SB26-01 RA	0709160-016ARA

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/18/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB39-01	**Lab Sample ID:**	0709160-001B	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	1060	**File ID:**	T0644.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.132	5.07	2.63	8		FJ
1,1,1,2-Tetrachloroethane	0.162	3.04	0.162	8		U
1,1,1-Trichloroethane	0.142	5.07	0.142	8		U
1,1,2,2-Tetrachloroethane	0.142	3.04	0.142	8		U
1,1,2-Trichloroethane	0.253	5.07	0.253	8		UM
1,1-Dichloroethane	0.0811	5.07	0.0811	8		U
1,1-Dichloroethene	0.152	6.08	0.152	8		U
1,1-Dichloropropene	0.193	5.07	0.193	8		U
1,2,3-Trichlorobenzene	0.416	5.07	0.416	8		U
1,2,3-Trichloropropane	0.233	5.07	0.233	8		U
1,2,4-Trichlorobenzene	0.334	5.07	0.334	8		U
1,2,4-Trimethylbenzene	0.0608	6.08	112	8		JM
1,2-Dibromo-3-chloropropane	0.314	10.1	0.314	8		U
1,2-Dibromoethane	0.0811	5.07	0.0811	8		U
1,2-Dichlorobenzene	0.0608	5.07	0.0608	8		UM
1,2-Dichloroethane	0.111	3.04	0.111	8		U
1,2-Dichloropropane	0.223	5.07	0.223	8		U
1,3,5-Trimethylbenzene	0.0811	5.07	55.6	8		J
1,3-Dichlorobenzene	0.111	6.08	0.111	8		U
1,3-Dichloropropane	0.0912	2.53	0.0912	8		U
1,4-Dichlorobenzene	0.0608	2.53	26.5	8		J
1-Chlorohexane	0.162	5.07	0.162	8		U
2,2-Dichloropropane	0.132	5.07	0.132	8		U
2-Butanone	0.426	20.3	0.426	8		UM
2-Chlorotoluene	0.0405	5.07	0.0405	8		UM
4-Chlorotoluene	0.0709	5.07	0.0709	8		U
4-Methyl-2-pentanone	0.324	20.3	0.324	8		U
Acetone	0.304	50.7	9.88	8		FJM
Benzene	0.0507	2.53	0.0507	8		U
Bromobenzene	0.152	5.07	0.152	8		U
Bromochloromethane	0.203	5.07	0.203	8		U
Bromodichloromethane	0.0608	2.53	0.0608	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB39-01	**Lab Sample ID:**	0709160-001B	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	1060	**File ID:**	T0644.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.172	6.08	0.172	8		U
Bromomethane	0.132	10.1	0.132	8		U
Carbon tetrachloride	0.122	5.07	0.122	8		U
Chlorobenzene	0.0709	2.53	0.0709	8		U
Chloroethane	0.253	5.07	0.253	8		U
Chloroform	0.0709	2.53	0.0709	8		U
Chloromethane	0.314	5.07	0.314	8		U
cis-1,2-Dichloroethene	0.162	5.07	0.162	8		U
cis-1,3-Dichloropropene	0.0912	3.04	0.0912	8		U
Dibromochloromethane	0.0709	3.04	0.0709	8		U
Dibromomethane	0.122	5.07	0.122	8		U
Dichlorodifluoromethane	0.0811	5.07	0.0811	8		U
Ethylbenzene	0.132	5.07	0.132	8		U
Hexachlorobutadiene	0.385	3.04	0.385	8		U
Isopropylbenzene	0.0507	5.07	10.1	8		J
Methyl tert-butyl ether	0.132	20.3	0.132	8		U
Methylene chloride	0.608	5.07	0.608	8		U
n-Butylbenzene	0.132	5.07	6.18	8		J
n-Propylbenzene	0.0304	5.07	12.5	8		J
Naphthalene	0.213	5.07	13.2	8		J
o-Xylene	0.172	5.07	1.01	8		FJM
p-Isopropyltoluene	0.172	6.08	9.48	8		J
sec-Butylbenzene	0.0507	5.07	7.96	8		J
Styrene	0.122	5.07	0.122	8		U
tert-Butylbenzene	0.0811	5.07	0.0811	8		U
Tetrachloroethene	0.111	5.07	0.111	8		U
Toluene	0.0507	5.07	0.0507	8		U
trans-1,2-Dichloroethene	0.122	5.07	0.122	8		U
trans-1,3-Dichloropropene	0.152	5.07	0.152	8		U
Trichloroethene	0.122	5.07	0.122	8		U
Trichlorofluoromethane	0.0811	5.07	0.0811	8		U
Vinyl chloride	0.132	5.07	0.132	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB39-01	**Lab Sample ID:**	0709160-001B	**Matrix:**	Soil
% Solids:	84.90	**Initial Calibration ID:**	1060	**File ID:**	T0644.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.304	10.1	3.65	8		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	117	52 - 149	
4-Bromofluorobenzene	131	84 - 118	*
Dibromofluoromethane	108	65 - 135	
Toluene-d8	125	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1054563	443553 - 1774212	
Chlorobenzene-d5	1721946	698816 - 2795262	
Fluorobenzene	3682299	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB39-02	**Lab Sample ID:**	0709160-004A	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	1038	**File ID:**	M2637.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00556	0.00147	0.96		FQ
1,1,1,2-Tetrachloroethane	0.00018	0.00333	0.00018	0.96		U
1,1,1-Trichloroethane	0.00016	0.00556	0.00016	0.96		U
1,1,2,2-Tetrachloroethane	0.00016	0.00333	0.00016	0.96		U
1,1,2-Trichloroethane	0.00028	0.00556	0.00028	0.96		U
1,1-Dichloroethane	0.00009	0.00556	0.00009	0.96		U
1,1-Dichloroethene	0.00017	0.00667	0.00017	0.96		U
1,1-Dichloropropene	0.00021	0.00556	0.00021	0.96		U
1,2,3-Trichlorobenzene	0.00046	0.00556	0.00046	0.96		U
1,2,3-Trichloropropane	0.00026	0.00556	0.00026	0.96		U
1,2,4-Trichlorobenzene	0.00037	0.00556	0.00037	0.96		U
1,2,4-Trimethylbenzene	0.00007	0.00667	0.000711	0.96		F
1,2-Dibromo-3-chloropropane	0.00034	0.0111	0.00034	0.96		U
1,2-Dibromoethane	0.00009	0.00556	0.00009	0.96		U
1,2-Dichlorobenzene	0.00007	0.00556	0.00007	0.96		U
1,2-Dichloroethane	0.00012	0.00333	0.00012	0.96		U
1,2-Dichloropropane	0.00024	0.00556	0.00024	0.96		U
1,3,5-Trimethylbenzene	0.00009	0.00556	0.00009	0.96		U
1,3-Dichlorobenzene	0.00012	0.00667	0.00012	0.96		U
1,3-Dichloropropane	0.00010	0.00278	0.00010	0.96		U
1,4-Dichlorobenzene	0.00007	0.00278	0.00007	0.96		U
1-Chlorohexane	0.00018	0.00556	0.00018	0.96		U
2,2-Dichloropropane	0.00014	0.00556	0.00014	0.96		U
2-Butanone	0.00047	0.0222	0.00047	0.96		U
2-Chlorotoluene	0.00004	0.00556	0.00004	0.96		U
4-Chlorotoluene	0.00008	0.00556	0.00008	0.96		U
4-Methyl-2-pentanone	0.00036	0.0222	0.00036	0.96		U
Acetone	0.00033	0.0556	0.00466	0.96		F
Benzene	0.00006	0.00278	0.00006	0.96		U
Bromobenzene	0.00017	0.00556	0.00017	0.96		U
Bromochloromethane	0.00022	0.00556	0.00022	0.96		U
Bromodichloromethane	0.00007	0.00278	0.00007	0.96		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB39-02	**Lab Sample ID:**	0709160-004A	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	1038	**File ID:**	M2637.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00667	0.00019	0.96		U
Bromomethane	0.00014	0.0111	0.00014	0.96		U
Carbon tetrachloride	0.00013	0.00556	0.00013	0.96		U
Chlorobenzene	0.00008	0.00278	0.00183	0.96		F
Chloroethane	0.00028	0.00556	0.00028	0.96		U
Chloroform	0.00008	0.00278	0.00008	0.96		U
Chloromethane	0.00034	0.00556	0.00034	0.96		U
cis-1,2-Dichloroethene	0.00018	0.00556	0.00018	0.96		U
cis-1,3-Dichloropropene	0.00010	0.00333	0.00010	0.96		U
Dibromochloromethane	0.00008	0.00333	0.00008	0.96		U
Dibromomethane	0.00013	0.00556	0.00013	0.96		U
Dichlorodifluoromethane	0.00009	0.00556	0.00009	0.96		UQ
Ethylbenzene	0.00014	0.00556	0.00014	0.96		U
Hexachlorobutadiene	0.00042	0.00333	0.00042	0.96		U
Isopropylbenzene	0.00006	0.00556	0.00006	0.96		U
Methyl tert-butyl ether	0.00014	0.0222	0.00014	0.96		U
Methylene chloride	0.00067	0.00556	0.00067	0.96		U
n-Butylbenzene	0.00014	0.00556	0.00014	0.96		U
n-Propylbenzene	0.00003	0.00556	0.00003	0.96		U
Naphthalene	0.00023	0.00556	0.00023	0.96		U
o-Xylene	0.00019	0.00556	0.00019	0.96		U
p-Isopropyltoluene	0.00019	0.00667	0.00019	0.96		U
sec-Butylbenzene	0.00006	0.00556	0.00006	0.96		U
Styrene	0.00013	0.00556	0.00013	0.96		U
tert-Butylbenzene	0.00009	0.00556	0.00009	0.96		U
Tetrachloroethene	0.00012	0.00556	0.00012	0.96		U
Toluene	0.00006	0.00556	0.00006	0.96		U
trans-1,2-Dichloroethene	0.00013	0.00556	0.00013	0.96		U
trans-1,3-Dichloropropene	0.00017	0.00556	0.00017	0.96		U
Trichloroethene	0.00013	0.00556	0.00013	0.96		U
Trichlorofluoromethane	0.00009	0.00556	0.00009	0.96		U
Vinyl chloride	0.00014	0.00556	0.00014	0.96		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB39-02	**Lab Sample ID:**	0709160-004A	**Matrix:**	Soil
% Solids:	86.40	**Initial Calibration ID:**	1038	**File ID:**	M2637.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.18 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00556	0.00147	0.96		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	107	84 - 118	
Dibromofluoromethane	109	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2657952	1143850 - 4575400	
Chlorobenzene-d5	2721856	1393807 - 5575228	
Fluorobenzene	4668114	2371446 - 9485782	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB41-01	**Lab Sample ID:**	0709160-005A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	1038	**File ID:**	M2638.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00570	0.00120	0.96		FQ
1,1,1,2-Tetrachloroethane	0.00018	0.00342	0.00018	0.96		U
1,1,1-Trichloroethane	0.00016	0.00570	0.00016	0.96		U
1,1,2,2-Tetrachloroethane	0.00016	0.00342	0.00016	0.96		U
1,1,2-Trichloroethane	0.00029	0.00570	0.00029	0.96		U
1,1-Dichloroethane	0.00009	0.00570	0.00009	0.96		U
1,1-Dichloroethene	0.00017	0.00684	0.00017	0.96		U
1,1-Dichloropropene	0.00022	0.00570	0.00022	0.96		U
1,2,3-Trichlorobenzene	0.00047	0.00570	0.00047	0.96		U
1,2,3-Trichloropropane	0.00026	0.00570	0.00026	0.96		U
1,2,4-Trichlorobenzene	0.00038	0.00570	0.00038	0.96		U
1,2,4-Trimethylbenzene	0.00007	0.00684	0.00007	0.96		U
1,2-Dibromo-3-chloropropane	0.00035	0.0114	0.00035	0.96		U
1,2-Dibromoethane	0.00009	0.00570	0.00009	0.96		U
1,2-Dichlorobenzene	0.00007	0.00570	0.000707	0.96		F
1,2-Dichloroethane	0.00013	0.00342	0.00013	0.96		U
1,2-Dichloropropane	0.00025	0.00570	0.00025	0.96		U
1,3,5-Trimethylbenzene	0.00009	0.00570	0.00009	0.96		U
1,3-Dichlorobenzene	0.00013	0.00684	0.00013	0.96		U
1,3-Dichloropropane	0.00010	0.00285	0.00010	0.96		U
1,4-Dichlorobenzene	0.00007	0.00285	0.00487	0.96		
1-Chlorohexane	0.00018	0.00570	0.00018	0.96		U
2,2-Dichloropropane	0.00015	0.00570	0.00015	0.96		U
2-Butanone	0.00048	0.0228	0.00048	0.96		U
2-Chlorotoluene	0.00005	0.00570	0.00005	0.96		U
4-Chlorotoluene	0.00008	0.00570	0.00008	0.96		U
4-Methyl-2-pentanone	0.00036	0.0228	0.00036	0.96		U
Acetone	0.00034	0.0570	0.00349	0.96		F
Benzene	0.00006	0.00285	0.00006	0.96		U
Bromobenzene	0.00017	0.00570	0.00017	0.96		U
Bromochloromethane	0.00023	0.00570	0.00023	0.96		U
Bromodichloromethane	0.00007	0.00285	0.00007	0.96		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB41-01	**Lab Sample ID:**	0709160-005A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	1038	**File ID:**	M2638.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00684	0.00019	0.96		U
Bromomethane	0.00015	0.0114	0.00015	0.96		U
Carbon tetrachloride	0.00014	0.00570	0.00014	0.96		U
Chlorobenzene	0.00008	0.00285	0.00446	0.96		
Chloroethane	0.00029	0.00570	0.00029	0.96		U
Chloroform	0.00008	0.00285	0.00008	0.96		U
Chloromethane	0.00035	0.00570	0.00035	0.96		U
cis-1,2-Dichloroethene	0.00018	0.00570	0.00018	0.96		U
cis-1,3-Dichloropropene	0.00010	0.00342	0.00010	0.96		U
Dibromochloromethane	0.00008	0.00342	0.00008	0.96		U
Dibromomethane	0.00014	0.00570	0.00014	0.96		U
Dichlorodifluoromethane	0.00009	0.00570	0.00009	0.96		UQ
Ethylbenzene	0.00015	0.00570	0.00015	0.96		U
Hexachlorobutadiene	0.00043	0.00342	0.00043	0.96		U
Isopropylbenzene	0.00006	0.00570	0.00006	0.96		U
Methyl tert-butyl ether	0.00015	0.0228	0.00015	0.96		U
Methylene chloride	0.00068	0.00570	0.00068	0.96		U
n-Butylbenzene	0.00015	0.00570	0.00015	0.96		U
n-Propylbenzene	0.00003	0.00570	0.00003	0.96		U
Naphthalene	0.00024	0.00570	0.00024	0.96		U
o-Xylene	0.00019	0.00570	0.00019	0.96		U
p-Isopropyltoluene	0.00019	0.00684	0.00019	0.96		U
sec-Butylbenzene	0.00006	0.00570	0.00006	0.96		U
Styrene	0.00014	0.00570	0.00014	0.96		U
tert-Butylbenzene	0.00009	0.00570	0.00009	0.96		U
Tetrachloroethene	0.00013	0.00570	0.00013	0.96		U
Toluene	0.00006	0.00570	0.000867	0.96		F
trans-1,2-Dichloroethene	0.00014	0.00570	0.00014	0.96		U
trans-1,3-Dichloropropene	0.00017	0.00570	0.00017	0.96		U
Trichloroethene	0.00014	0.00570	0.000741	0.96		F
Trichlorofluoromethane	0.00009	0.00570	0.00009	0.96		U
Vinyl chloride	0.00015	0.00570	0.00015	0.96		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB41-01	**Lab Sample ID:**	0709160-005A	**Matrix:**	Soil
% Solids:	84.20	**Initial Calibration ID:**	1038	**File ID:**	M2638.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00570	0.00120	0.96		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	103	52 - 149	
4-Bromofluorobenzene	105	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2800706	1143850 - 4575400	
Chlorobenzene-d5	2922929	1393807 - 5575228	
Fluorobenzene	5144234	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB41-02	**Lab Sample ID:**	0709160-006A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	1038	**File ID:**	M2649.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.12 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00588	0.00015	0.98		U
1,1,1,2-Tetrachloroethane	0.00019	0.00353	0.00019	0.98		U
1,1,1-Trichloroethane	0.00016	0.00588	0.00016	0.98		U
1,1,2,2-Tetrachloroethane	0.00016	0.00353	0.00016	0.98		U
1,1,2-Trichloroethane	0.00029	0.00588	0.00029	0.98		U
1,1-Dichloroethane	0.00009	0.00588	0.00009	0.98		U
1,1-Dichloroethene	0.00018	0.00706	0.00018	0.98		U
1,1-Dichloropropene	0.00022	0.00588	0.00022	0.98		U
1,2,3-Trichlorobenzene	0.00048	0.00588	0.00048	0.98		U
1,2,3-Trichloropropane	0.00027	0.00588	0.00027	0.98		U
1,2,4-Trichlorobenzene	0.00039	0.00588	0.00039	0.98		U
1,2,4-Trimethylbenzene	0.00007	0.00706	0.000953	0.98		F
1,2-Dibromo-3-chloropropane	0.00036	0.0118	0.00036	0.98		U
1,2-Dibromoethane	0.00009	0.00588	0.00009	0.98		U
1,2-Dichlorobenzene	0.00007	0.00588	0.00153	0.98		F
1,2-Dichloroethane	0.00013	0.00353	0.00013	0.98		U
1,2-Dichloropropane	0.00026	0.00588	0.00026	0.98		U
1,3,5-Trimethylbenzene	0.00009	0.00588	0.00009	0.98		U
1,3-Dichlorobenzene	0.00013	0.00706	0.00013	0.98		U
1,3-Dichloropropane	0.00011	0.00294	0.00011	0.98		U
1,4-Dichlorobenzene	0.00007	0.00294	0.00959	0.98		
1-Chlorohexane	0.00019	0.00588	0.00019	0.98		U
2,2-Dichloropropane	0.00015	0.00588	0.00015	0.98		U
2-Butanone	0.00049	0.0235	0.00049	0.98		U
2-Chlorotoluene	0.00005	0.00588	0.00005	0.98		U
4-Chlorotoluene	0.00008	0.00588	0.00008	0.98		U
4-Methyl-2-pentanone	0.00038	0.0235	0.00038	0.98		U
Acetone	0.00035	0.0588	0.00618	0.98		F
Benzene	0.00006	0.00294	0.00006	0.98		U
Bromobenzene	0.00018	0.00588	0.00018	0.98		U
Bromochloromethane	0.00024	0.00588	0.00024	0.98		U
Bromodichloromethane	0.00007	0.00294	0.00007	0.98		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB41-02	**Lab Sample ID:**	0709160-006A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	1038	**File ID:**	M2649.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.12 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00706	0.00020	0.98		U
Bromomethane	0.00015	0.0118	0.00015	0.98		U
Carbon tetrachloride	0.00014	0.00588	0.00014	0.98		U
Chlorobenzene	0.00008	0.00294	0.00598	0.98		
Chloroethane	0.00029	0.00588	0.00029	0.98		U
Chloroform	0.00008	0.00294	0.00008	0.98		U
Chloromethane	0.00036	0.00588	0.00036	0.98		U
cis-1,2-Dichloroethene	0.00019	0.00588	0.00019	0.98		U
cis-1,3-Dichloropropene	0.00011	0.00353	0.00011	0.98		U
Dibromochloromethane	0.00008	0.00353	0.00008	0.98		U
Dibromomethane	0.00014	0.00588	0.00014	0.98		U
Dichlorodifluoromethane	0.00009	0.00588	0.00009	0.98		UQ
Ethylbenzene	0.00015	0.00588	0.00015	0.98		U
Hexachlorobutadiene	0.00045	0.00353	0.00045	0.98		U
Isopropylbenzene	0.00006	0.00588	0.00006	0.98		U
Methyl tert-butyl ether	0.00015	0.0235	0.00015	0.98		U
Methylene chloride	0.00071	0.00588	0.00071	0.98		U
n-Butylbenzene	0.00015	0.00588	0.00015	0.98		U
n-Propylbenzene	0.00004	0.00588	0.00004	0.98		U
Naphthalene	0.00025	0.00588	0.00025	0.98		U
o-Xylene	0.00020	0.00588	0.00020	0.98		U
p-Isopropyltoluene	0.00020	0.00706	0.00020	0.98		U
sec-Butylbenzene	0.00006	0.00588	0.00006	0.98		U
Styrene	0.00014	0.00588	0.00014	0.98		U
tert-Butylbenzene	0.00009	0.00588	0.00009	0.98		U
Tetrachloroethene	0.00013	0.00588	0.00013	0.98		U
Toluene	0.00006	0.00588	0.00006	0.98		U
trans-1,2-Dichloroethene	0.00014	0.00588	0.00014	0.98		U
trans-1,3-Dichloropropene	0.00018	0.00588	0.00018	0.98		U
Trichloroethene	0.00014	0.00588	0.00014	0.98		U
Trichlorofluoromethane	0.00009	0.00588	0.00009	0.98		U
Vinyl chloride	0.00015	0.00588	0.00015	0.98		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB41-02	**Lab Sample ID:**	0709160-006A	**Matrix:**	Soil
% Solids:	83.30	**Initial Calibration ID:**	1038	**File ID:**	M2649.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.12 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00588	0.00035	0.98		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	109	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	3261256	1143850 - 4575400	
Chlorobenzene-d5	3397963	1393807 - 5575228	
Fluorobenzene	6268362	2371446 - 9485782	

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-01	**Lab Sample ID:**	0709160-007A	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	1038	**File ID:**	M2640.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00520	0.00014	0.95		U
1,1,1,2-Tetrachloroethane	0.00017	0.00312	0.00017	0.95		U
1,1,1-Trichloroethane	0.00015	0.00520	0.00015	0.95		U
1,1,2,2-Tetrachloroethane	0.00015	0.00312	0.00015	0.95		U
1,1,2-Trichloroethane	0.00026	0.00520	0.00026	0.95		U
1,1-Dichloroethane	0.00008	0.00520	0.00008	0.95		U
1,1-Dichloroethene	0.00016	0.00624	0.00016	0.95		U
1,1-Dichloropropene	0.00020	0.00520	0.00020	0.95		U
1,2,3-Trichlorobenzene	0.00043	0.00520	0.00043	0.95		U
1,2,3-Trichloropropane	0.00024	0.00520	0.00024	0.95		U
1,2,4-Trichlorobenzene	0.00034	0.00520	0.00034	0.95		U
1,2,4-Trimethylbenzene	0.00006	0.00624	0.00006	0.95		U
1,2-Dibromo-3-chloropropane	0.00032	0.0104	0.00032	0.95		U
1,2-Dibromoethane	0.00008	0.00520	0.00008	0.95		U
1,2-Dichlorobenzene	0.00006	0.00520	0.00006	0.95		U
1,2-Dichloroethane	0.00011	0.00312	0.00011	0.95		U
1,2-Dichloropropane	0.00023	0.00520	0.00023	0.95		U
1,3,5-Trimethylbenzene	0.00008	0.00520	0.00008	0.95		U
1,3-Dichlorobenzene	0.00011	0.00624	0.00011	0.95		U
1,3-Dichloropropane	0.00009	0.00260	0.00009	0.95		U
1,4-Dichlorobenzene	0.00006	0.00260	0.00006	0.95		U
1-Chlorohexane	0.00017	0.00520	0.00017	0.95		U
2,2-Dichloropropane	0.00014	0.00520	0.00014	0.95		U
2-Butanone	0.00044	0.0208	0.00044	0.95		U
2-Chlorotoluene	0.00004	0.00520	0.00004	0.95		U
4-Chlorotoluene	0.00007	0.00520	0.00007	0.95		U
4-Methyl-2-pentanone	0.00033	0.0208	0.00033	0.95		U
Acetone	0.00031	0.0520	0.00591	0.95		F
Benzene	0.00005	0.00260	0.00005	0.95		U
Bromobenzene	0.00016	0.00520	0.00016	0.95		U
Bromochloromethane	0.00021	0.00520	0.00021	0.95		U
Bromodichloromethane	0.00006	0.00260	0.00006	0.95		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-01	**Lab Sample ID:**	0709160-007A	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	1038	**File ID:**	M2640.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00624	0.00018	0.95		U
Bromomethane	0.00014	0.0104	0.00014	0.95		U
Carbon tetrachloride	0.00012	0.00520	0.00012	0.95		U
Chlorobenzene	0.00007	0.00260	0.00104	0.95		F
Chloroethane	0.00026	0.00520	0.00026	0.95		U
Chloroform	0.00007	0.00260	0.00007	0.95		U
Chloromethane	0.00032	0.00520	0.00032	0.95		U
cis-1,2-Dichloroethene	0.00017	0.00520	0.00017	0.95		U
cis-1,3-Dichloropropene	0.00009	0.00312	0.00009	0.95		U
Dibromochloromethane	0.00007	0.00312	0.00007	0.95		U
Dibromomethane	0.00012	0.00520	0.00012	0.95		U
Dichlorodifluoromethane	0.00008	0.00520	0.00008	0.95		UQ
Ethylbenzene	0.00014	0.00520	0.00014	0.95		U
Hexachlorobutadiene	0.00040	0.00312	0.00040	0.95		U
Isopropylbenzene	0.00005	0.00520	0.00005	0.95		U
Methyl tert-butyl ether	0.00014	0.0208	0.00014	0.95		U
Methylene chloride	0.00062	0.00520	0.00062	0.95		U
n-Butylbenzene	0.00014	0.00520	0.00014	0.95		U
n-Propylbenzene	0.00003	0.00520	0.00003	0.95		U
Naphthalene	0.00022	0.00520	0.00022	0.95		U
o-Xylene	0.00018	0.00520	0.00018	0.95		U
p-Isopropyltoluene	0.00018	0.00624	0.00018	0.95		U
sec-Butylbenzene	0.00005	0.00520	0.00005	0.95		U
Styrene	0.00012	0.00520	0.00012	0.95		U
tert-Butylbenzene	0.00008	0.00520	0.00008	0.95		U
Tetrachloroethene	0.00011	0.00520	0.00011	0.95		U
Toluene	0.00005	0.00520	0.000760	0.95		F
trans-1,2-Dichloroethene	0.00012	0.00520	0.00012	0.95		U
trans-1,3-Dichloropropene	0.00016	0.00520	0.00016	0.95		U
Trichloroethene	0.00012	0.00520	0.00012	0.95		U
Trichlorofluoromethane	0.00008	0.00520	0.00008	0.95		U
Vinyl chloride	0.00014	0.00520	0.00014	0.95		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-01	**Lab Sample ID:**	0709160-007A	**Matrix:**	Soil
% Solids:	91.30	**Initial Calibration ID:**	1038	**File ID:**	M2640.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00031	0.00520	0.00031	0.95		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	115	52 - 149	
4-Bromofluorobenzene	109	84 - 118	
Dibromofluoromethane	110	65 - 135	
Toluene-d8	101	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2302748	1143850 - 4575400	
Chlorobenzene-d5	2412830	1393807 - 5575228	
Fluorobenzene	4376780	2371446 - 9485782	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-02	**Lab Sample ID:**	0709160-008B	**Matrix:**	Soil
% Solids:	83.50	**Initial Calibration ID:**	1060	**File ID:**	T0675.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.135	5.19	1.19	8		FJ
1,1,1,2-Tetrachloroethane	0.166	3.11	0.166	8		U
1,1,1-Trichloroethane	0.145	5.19	0.145	8		U
1,1,2,2-Tetrachloroethane	0.145	3.11	0.145	8		U
1,1,2-Trichloroethane	0.259	5.19	0.259	8		U
1,1-Dichloroethane	0.0830	5.19	0.0830	8		U
1,1-Dichloroethene	0.156	6.22	0.156	8		U
1,1-Dichloropropene	0.197	5.19	0.197	8		U
1,2,3-Trichlorobenzene	0.425	5.19	0.425	8		U
1,2,3-Trichloropropane	0.239	5.19	0.239	8		U
1,2,4-Trichlorobenzene	0.342	5.19	0.342	8		U
1,2,4-Trimethylbenzene	0.0622	6.22	50.2	8		J
1,2-Dibromo-3-chloropropane	0.322	10.4	0.322	8		U
1,2-Dibromoethane	0.0830	5.19	0.0830	8		U
1,2-Dichlorobenzene	0.0622	5.19	1.81	8		FJQ
1,2-Dichloroethane	0.114	3.11	0.114	8		U
1,2-Dichloropropane	0.228	5.19	0.228	8		U
1,3,5-Trimethylbenzene	0.0830	5.19	22.4	8		J
1,3-Dichlorobenzene	0.114	6.22	0.114	8		U
1,3-Dichloropropane	0.0933	2.59	0.0933	8		U
1,4-Dichlorobenzene	0.0622	2.59	3.58	8		J
1-Chlorohexane	0.166	5.19	0.166	8		U
2,2-Dichloropropane	0.135	5.19	0.135	8		U
2-Butanone	0.436	20.7	0.436	8		U
2-Chlorotoluene	0.0415	5.19	0.0415	8		U
4-Chlorotoluene	0.0726	5.19	0.0726	8		U
4-Methyl-2-pentanone	0.332	20.7	0.332	8		U
Acetone	0.311	51.9	10.8	8		FJQ
Benzene	0.0519	2.59	0.0519	8		U
Bromobenzene	0.156	5.19	0.156	8		U
Bromochloromethane	0.207	5.19	0.207	8		U
Bromodichloromethane	0.0622	2.59	0.0622	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-02	**Lab Sample ID:**	0709160-008B	**Matrix:**	Soil
% Solids:	83.50	**Initial Calibration ID:**	1060	**File ID:**	T0675.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.176	6.22	0.176	8		U
Bromomethane	0.135	10.4	0.135	8		U
Carbon tetrachloride	0.124	5.19	0.124	8		U
Chlorobenzene	0.0726	2.59	2.59	8		J
Chloroethane	0.259	5.19	0.259	8		U
Chloroform	0.0726	2.59	0.0726	8		U
Chloromethane	0.322	5.19	0.322	8		U
cis-1,2-Dichloroethene	0.166	5.19	0.166	8		U
cis-1,3-Dichloropropene	0.0933	3.11	0.0933	8		U
Dibromochloromethane	0.0726	3.11	0.0726	8		U
Dibromomethane	0.124	5.19	0.124	8		U
Dichlorodifluoromethane	0.0830	5.19	0.0830	8		U
Ethylbenzene	0.135	5.19	0.135	8		U
Hexachlorobutadiene	0.394	3.11	0.394	8		U
Isopropylbenzene	0.0519	5.19	2.64	8		FJQ
Methyl tert-butyl ether	0.135	20.7	0.135	8		U
Methylene chloride	0.622	5.19	0.622	8		U
n-Butylbenzene	0.135	5.19	6.74	8		J
n-Propylbenzene	0.0311	5.19	4.98	8		FJ
Naphthalene	0.218	5.19	5.65	8		J
o-Xylene	0.176	5.19	0.176	8		U
p-Isopropyltoluene	0.176	6.22	8.76	8		J
sec-Butylbenzene	0.0519	5.19	7.26	8		JQ
Styrene	0.124	5.19	0.124	8		U
tert-Butylbenzene	0.0830	5.19	1.56	8		FJ
Tetrachloroethene	0.114	5.19	0.114	8		U
Toluene	0.0519	5.19	0.0519	8		U
trans-1,2-Dichloroethene	0.124	5.19	0.124	8		U
trans-1,3-Dichloropropene	0.156	5.19	0.156	8		U
Trichloroethene	0.124	5.19	0.124	8		U
Trichlorofluoromethane	0.0830	5.19	0.0830	8		U
Vinyl chloride	0.135	5.19	0.135	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-02	**Lab Sample ID:**	0709160-008B	**Matrix:**	Soil
% Solids:	83.50	**Initial Calibration ID:**	1060	**File ID:**	T0675.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.311	10.4	1.19	8		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	117	52 - 149	
4-Bromofluorobenzene	214	84 - 118	*
Dibromofluoromethane	93	65 - 135	
Toluene-d8	116	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	612858	443553 - 1774212	
Chlorobenzene-d5	1219315	698816 - 2795262	
Fluorobenzene	2605498	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-02 RA	**Lab Sample ID:**	0709160-008BRA	**Matrix:**	Soil
% Solids:	83.50	**Initial Calibration ID:**	1078	**File ID:**	M2800.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.135	5.19	1.04	8		FJ
1,1,1,2-Tetrachloroethane	0.166	3.11	0.166	8		UJ
1,1,1-Trichloroethane	0.145	5.19	0.145	8		UJ
1,1,2,2-Tetrachloroethane	0.145	3.11	0.145	8		UJ
1,1,2-Trichloroethane	0.259	5.19	0.259	8		UJ
1,1-Dichloroethane	0.0830	5.19	0.0830	8		UJ
1,1-Dichloroethene	0.156	6.22	0.156	8		UJ
1,1-Dichloropropene	0.197	5.19	0.197	8		UJ
1,2,3-Trichlorobenzene	0.425	5.19	0.425	8		UJ
1,2,3-Trichloropropane	0.239	5.19	0.239	8		UJ
1,2,4-Trichlorobenzene	0.342	5.19	0.342	8		UJ
1,2,4-Trimethylbenzene	0.0622	6.22	41.9	8		J
1,2-Dibromo-3-chloropropane	0.322	10.4	0.322	8		UJ
1,2-Dibromoethane	0.0830	5.19	0.0830	8		UJ
1,2-Dichlorobenzene	0.0622	5.19	1.50	8		FJ
1,2-Dichloroethane	0.114	3.11	0.114	8		UJ
1,2-Dichloropropane	0.228	5.19	0.228	8		UJ
1,3,5-Trimethylbenzene	0.0830	5.19	17.7	8		J
1,3-Dichlorobenzene	0.114	6.22	0.114	8		UJ
1,3-Dichloropropane	0.0933	2.59	0.0933	8		UJ
1,4-Dichlorobenzene	0.0622	2.59	3.37	8		J
1-Chlorohexane	0.166	5.19	0.166	8		UJ
2,2-Dichloropropane	0.135	5.19	0.135	8		UJ
2-Butanone	0.436	20.7	0.436	8		UJ
2-Chlorotoluene	0.0415	5.19	0.0415	8		UJ
4-Chlorotoluene	0.0726	5.19	0.0726	8		UJ
4-Methyl-2-pentanone	0.332	20.7	0.332	8		UJ
Acetone	0.311	51.9	0.311	8		UJ
Benzene	0.0519	2.59	0.0519	8		UJ
Bromobenzene	0.156	5.19	0.156	8		UJ
Bromochloromethane	0.207	5.19	0.207	8		UJ
Bromodichloromethane	0.0622	2.59	0.0622	8		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-02 RA	**Lab Sample ID:**	0709160-008BRA	**Matrix:**	Soil
% Solids:	83.50	**Initial Calibration ID:**	1078	**File ID:**	M2800.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.176	6.22	0.176	8		UJ
Bromomethane	0.135	10.4	0.135	8		UJ
Carbon tetrachloride	0.124	5.19	0.124	8		UJ
Chlorobenzene	0.0726	2.59	2.28	8		FJ
Chloroethane	0.259	5.19	0.259	8		UJ
Chloroform	0.0726	2.59	0.0726	8		UJ
Chloromethane	0.322	5.19	0.322	8		UJ
cis-1,2-Dichloroethene	0.166	5.19	0.166	8		UJ
cis-1,3-Dichloropropene	0.0933	3.11	0.0933	8		UJ
Dibromochloromethane	0.0726	3.11	0.0726	8		UJ
Dibromomethane	0.124	5.19	0.124	8		UJ
Dichlorodifluoromethane	0.0830	5.19	0.0830	8		UJ
Ethylbenzene	0.135	5.19	0.135	8		UJ
Hexachlorobutadiene	0.394	3.11	0.394	8		UJ
Isopropylbenzene	0.0519	5.19	1.81	8		FJ
Methyl tert-butyl ether	0.135	20.7	0.135	8		UJ
Methylene chloride	0.622	5.19	0.622	8		UJ
n-Butylbenzene	0.135	5.19	15.2	8		J
n-Propylbenzene	0.0311	5.19	4.10	8		FJ
Naphthalene	0.218	5.19	4.25	8		FJ
o-Xylene	0.176	5.19	0.176	8		UJ
p-Isopropyltoluene	0.176	6.22	6.07	8		FJ
sec-Butylbenzene	0.0519	5.19	5.03	8		FJ
Styrene	0.124	5.19	0.124	8		UJ
tert-Butylbenzene	0.0830	5.19	0.0830	8		UJ
Tetrachloroethene	0.114	5.19	0.114	8		UJ
Toluene	0.0519	5.19	0.0519	8		UJ
trans-1,2-Dichloroethene	0.124	5.19	0.124	8		UJ
trans-1,3-Dichloropropene	0.156	5.19	0.156	8		UJ
Trichloroethene	0.124	5.19	0.124	8		UJ
Trichlorofluoromethane	0.0830	5.19	0.0830	8		UJ
Vinyl chloride	0.135	5.19	0.135	8		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-02 RA	**Lab Sample ID:**	0709160-008BRA	**Matrix:**	Soil
% Solids:	83.50	**Initial Calibration ID:**	1078	**File ID:**	M2800.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.311	10.4	1.04	8		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	66	52 - 149	
4-Bromofluorobenzene	129	84 - 118	*
Dibromofluoromethane	55	65 - 135	*
Toluene-d8	72	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2155629	1123200 - 4492802	
Chlorobenzene-d5	3040868	1595982 - 6383930	
Fluorobenzene	5618902	2658960 - 10635838	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-03	**Lab Sample ID:**	0709160-009A	**Matrix:**	Soil
% Solids:	83.70	**Initial Calibration ID:**	1038	**File ID:**	M2665.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00039	0.0149	0.00161	2.5		FQ
1,1,1,2-Tetrachloroethane	0.00048	0.00896	0.00048	2.5		U
1,1,1-Trichloroethane	0.00042	0.0149	0.00042	2.5		U
1,1,2,2-Tetrachloroethane	0.00042	0.00896	0.00042	2.5		U
1,1,2-Trichloroethane	0.00075	0.0149	0.00075	2.5		U
1,1-Dichloroethane	0.00024	0.0149	0.00024	2.5		U
1,1-Dichloroethene	0.00045	0.0179	0.00045	2.5		U
1,1-Dichloropropene	0.00057	0.0149	0.00057	2.5		U
1,2,3-Trichlorobenzene	0.00122	0.0149	0.00122	2.5		U
1,2,3-Trichloropropane	0.00069	0.0149	0.00069	2.5		U
1,2,4-Trichlorobenzene	0.00099	0.0149	0.00099	2.5		U
1,2,4-Trimethylbenzene	0.00018	0.0179	0.0647	2.5		
1,2-Dibromo-3-chloropropane	0.00093	0.0299	0.00093	2.5		U
1,2-Dibromoethane	0.00024	0.0149	0.00024	2.5		U
1,2-Dichlorobenzene	0.00018	0.0149	0.0967	2.5		
1,2-Dichloroethane	0.00033	0.00896	0.00033	2.5		U
1,2-Dichloropropane	0.00066	0.0149	0.00066	2.5		U
1,3,5-Trimethylbenzene	0.00024	0.0149	0.0145	2.5		F
1,3-Dichlorobenzene	0.00033	0.0179	0.00218	2.5		F
1,3-Dichloropropane	0.00027	0.00747	0.00027	2.5		U
1,4-Dichlorobenzene	0.00018	0.00747	0.0551	2.5		
1-Chlorohexane	0.00048	0.0149	0.00048	2.5		U
2,2-Dichloropropane	0.00039	0.0149	0.00039	2.5		U
2-Butanone	0.00125	0.0597	0.00125	2.5		U
2-Chlorotoluene	0.00012	0.0149	0.00012	2.5		U
4-Chlorotoluene	0.00021	0.0149	0.00021	2.5		U
4-Methyl-2-pentanone	0.00096	0.0597	0.00096	2.5		U
Acetone	0.00090	0.149	0.0265	2.5		F
Benzene	0.00015	0.00747	0.00015	2.5		U
Bromobenzene	0.00045	0.0149	0.00045	2.5		U
Bromochloromethane	0.00060	0.0149	0.00060	2.5		U
Bromodichloromethane	0.00018	0.00747	0.00018	2.5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-03	**Lab Sample ID:**	0709160-009A	**Matrix:**	Soil
% Solids:	83.70	**Initial Calibration ID:**	1038	**File ID:**	M2665.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00051	0.0179	0.00051	2.5		U
Bromomethane	0.00039	0.0299	0.00039	2.5		U
Carbon tetrachloride	0.00036	0.0149	0.00036	2.5		U
Chlorobenzene	0.00021	0.00747	0.278	2.5		Q
Chloroethane	0.00075	0.0149	0.00075	2.5		U
Chloroform	0.00021	0.00747	0.00021	2.5		U
Chloromethane	0.00093	0.0149	0.00093	2.5		U
cis-1,2-Dichloroethene	0.00048	0.0149	0.00048	2.5		U
cis-1,3-Dichloropropene	0.00027	0.00896	0.00027	2.5		U
Dibromochloromethane	0.00021	0.00896	0.00021	2.5		U
Dibromomethane	0.00036	0.0149	0.00036	2.5		U
Dichlorodifluoromethane	0.00024	0.0149	0.00024	2.5		UQ
Ethylbenzene	0.00039	0.0149	0.00039	2.5		U
Hexachlorobutadiene	0.00114	0.00896	0.00114	2.5		U
Isopropylbenzene	0.00015	0.0149	0.00221	2.5		F
Methyl tert-butyl ether	0.00039	0.0597	0.00039	2.5		U
Methylene chloride	0.00179	0.0149	0.00179	2.5		U
n-Butylbenzene	0.00039	0.0149	0.0142	2.5		F
n-Propylbenzene	0.00009	0.0149	0.00538	2.5		F
Naphthalene	0.00063	0.0149	0.0240	2.5		
o-Xylene	0.00051	0.0149	0.00051	2.5		U
p-Isopropyltoluene	0.00051	0.0179	0.00484	2.5		FQ
sec-Butylbenzene	0.00015	0.0149	0.00556	2.5		F
Styrene	0.00036	0.0149	0.00036	2.5		U
tert-Butylbenzene	0.00024	0.0149	0.00024	2.5		U
Tetrachloroethene	0.00033	0.0149	0.00194	2.5		FQ
Toluene	0.00015	0.0149	0.00015	2.5		U
trans-1,2-Dichloroethene	0.00036	0.0149	0.00036	2.5		U
trans-1,3-Dichloropropene	0.00045	0.0149	0.00045	2.5		U
Trichloroethene	0.00036	0.0149	0.00036	2.5		U
Trichlorofluoromethane	0.00024	0.0149	0.00024	2.5		U
Vinyl chloride	0.00039	0.0149	0.00039	2.5		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB29-03	**Lab Sample ID:**	0709160-009A	**Matrix:**	Soil
% Solids:	83.70	**Initial Calibration ID:**	1038	**File ID:**	M2665.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00090	0.0149	0.00161	2.5		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	104	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2812402	1143850 - 4575400	
Chlorobenzene-d5	3150152	1393807 - 5575228	
Fluorobenzene	5769131	2371446 - 9485782	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-01	**Lab Sample ID:**	0709160-010A	**Matrix:**	Soil
% Solids:	86.60	**Initial Calibration ID:**	1038	**File ID:**	M2666.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.52 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00520	0.00014	0.9		U
1,1,1,2-Tetrachloroethane	0.00017	0.00312	0.00017	0.9		U
1,1,1-Trichloroethane	0.00015	0.00520	0.00015	0.9		U
1,1,2,2-Tetrachloroethane	0.00015	0.00312	0.00015	0.9		U
1,1,2-Trichloroethane	0.00026	0.00520	0.00026	0.9		U
1,1-Dichloroethane	0.00008	0.00520	0.00008	0.9		U
1,1-Dichloroethene	0.00016	0.00624	0.00016	0.9		U
1,1-Dichloropropene	0.00020	0.00520	0.00020	0.9		U
1,2,3-Trichlorobenzene	0.00043	0.00520	0.00043	0.9		U
1,2,3-Trichloropropane	0.00024	0.00520	0.00024	0.9		U
1,2,4-Trichlorobenzene	0.00034	0.00520	0.00034	0.9		U
1,2,4-Trimethylbenzene	0.00006	0.00624	0.00129	0.9		F
1,2-Dibromo-3-chloropropane	0.00032	0.0104	0.00032	0.9		U
1,2-Dibromoethane	0.00008	0.00520	0.00008	0.9		U
1,2-Dichlorobenzene	0.00006	0.00520	0.00229	0.9		F
1,2-Dichloroethane	0.00011	0.00312	0.00011	0.9		U
1,2-Dichloropropane	0.00023	0.00520	0.00023	0.9		U
1,3,5-Trimethylbenzene	0.00008	0.00520	0.00008	0.9		U
1,3-Dichlorobenzene	0.00011	0.00624	0.00011	0.9		U
1,3-Dichloropropane	0.00009	0.00260	0.00009	0.9		U
1,4-Dichlorobenzene	0.00006	0.00260	0.000873	0.9		F
1-Chlorohexane	0.00017	0.00520	0.00017	0.9		U
2,2-Dichloropropane	0.00014	0.00520	0.00014	0.9		U
2-Butanone	0.00044	0.0208	0.0213	0.9		
2-Chlorotoluene	0.00004	0.00520	0.00004	0.9		U
4-Chlorotoluene	0.00007	0.00520	0.00007	0.9		U
4-Methyl-2-pentanone	0.00033	0.0208	0.00033	0.9		U
Acetone	0.00031	0.0520	0.0931	0.9		
Benzene	0.00005	0.00260	0.00005	0.9		U
Bromobenzene	0.00016	0.00520	0.00016	0.9		U
Bromochloromethane	0.00021	0.00520	0.00021	0.9		U
Bromodichloromethane	0.00006	0.00260	0.00006	0.9		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-01	**Lab Sample ID:**	0709160-010A	**Matrix:**	Soil
% Solids:	86.60	**Initial Calibration ID:**	1038	**File ID:**	M2666.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.52 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00624	0.00018	0.9		U
Bromomethane	0.00014	0.0104	0.00014	0.9		U
Carbon tetrachloride	0.00012	0.00520	0.00012	0.9		U
Chlorobenzene	0.00007	0.00260	0.0452	0.9		Q
Chloroethane	0.00026	0.00520	0.00026	0.9		U
Chloroform	0.00007	0.00260	0.00007	0.9		U
Chloromethane	0.00032	0.00520	0.00032	0.9		U
cis-1,2-Dichloroethene	0.00017	0.00520	0.00150	0.9		F
cis-1,3-Dichloropropene	0.00009	0.00312	0.00009	0.9		U
Dibromochloromethane	0.00007	0.00312	0.00007	0.9		U
Dibromomethane	0.00012	0.00520	0.00012	0.9		U
Dichlorodifluoromethane	0.00008	0.00520	0.00008	0.9		UQ
Ethylbenzene	0.00014	0.00520	0.00014	0.9		U
Hexachlorobutadiene	0.00039	0.00312	0.00039	0.9		U
Isopropylbenzene	0.00005	0.00520	0.00005	0.9		U
Methyl tert-butyl ether	0.00014	0.0208	0.00014	0.9		U
Methylene chloride	0.00062	0.00520	0.00062	0.9		U
n-Butylbenzene	0.00014	0.00520	0.00014	0.9		U
n-Propylbenzene	0.00003	0.00520	0.00003	0.9		U
Naphthalene	0.00022	0.00520	0.00022	0.9		U
o-Xylene	0.00018	0.00520	0.00018	0.9		U
p-Isopropyltoluene	0.00018	0.00624	0.00018	0.9		U
sec-Butylbenzene	0.00005	0.00520	0.00147	0.9		F
Styrene	0.00012	0.00520	0.00012	0.9		U
tert-Butylbenzene	0.00008	0.00520	0.00008	0.9		U
Tetrachloroethene	0.00011	0.00520	0.00011	0.9		U
Toluene	0.00005	0.00520	0.000987	0.9		F
trans-1,2-Dichloroethene	0.00012	0.00520	0.00012	0.9		U
trans-1,3-Dichloropropene	0.00016	0.00520	0.00016	0.9		U
Trichloroethene	0.00012	0.00520	0.00012	0.9		U
Trichlorofluoromethane	0.00008	0.00520	0.00008	0.9		U
Vinyl chloride	0.00014	0.00520	0.00014	0.9		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-01	**Lab Sample ID:**	0709160-010A	**Matrix:**	Soil
% Solids:	86.60	**Initial Calibration ID:**	1038	**File ID:**	M2666.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.52 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00031	0.00520	0.00031	0.9		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	106	84 - 118	
Dibromofluoromethane	111	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2520446	1143850 - 4575400	
Chlorobenzene-d5	2897831	1393807 - 5575228	
Fluorobenzene	5187175	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-02	**Lab Sample ID:**	0709160-011A	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	1038	**File ID:**	M2667.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00556	0.0296	0.94		JQ
1,1,1,2-Tetrachloroethane	0.00018	0.00333	0.00018	0.94		U
1,1,1-Trichloroethane	0.00016	0.00556	0.00016	0.94		U
1,1,2,2-Tetrachloroethane	0.00016	0.00333	0.00016	0.94		U
1,1,2-Trichloroethane	0.00028	0.00556	0.00028	0.94		U
1,1-Dichloroethane	0.00009	0.00556	0.00009	0.94		U
1,1-Dichloroethene	0.00017	0.00667	0.00017	0.94		U
1,1-Dichloropropene	0.00021	0.00556	0.00021	0.94		U
1,2,3-Trichlorobenzene	0.00046	0.00556	0.00046	0.94		U
1,2,3-Trichloropropane	0.00026	0.00556	0.00026	0.94		U
1,2,4-Trichlorobenzene	0.00037	0.00556	0.00037	0.94		U
1,2,4-Trimethylbenzene	0.00007	0.00667	0.0742	0.94		J
1,2-Dibromo-3-chloropropane	0.00034	0.0111	0.00034	0.94		U
1,2-Dibromoethane	0.00009	0.00556	0.00009	0.94		U
1,2-Dichlorobenzene	0.00007	0.00556	0.00379	0.94		FJ
1,2-Dichloroethane	0.00012	0.00333	0.00012	0.94		U
1,2-Dichloropropane	0.00024	0.00556	0.00024	0.94		U
1,3,5-Trimethylbenzene	0.00009	0.00556	0.0198	0.94		J
1,3-Dichlorobenzene	0.00012	0.00667	0.00144	0.94		FJ
1,3-Dichloropropane	0.00010	0.00278	0.00010	0.94		U
1,4-Dichlorobenzene	0.00007	0.00278	0.0415	0.94		J
1-Chlorohexane	0.00018	0.00556	0.00018	0.94		U
2,2-Dichloropropane	0.00014	0.00556	0.00014	0.94		U
2-Butanone	0.00047	0.0222	0.00459	0.94		FJ
2-Chlorotoluene	0.00004	0.00556	0.00004	0.94		U
4-Chlorotoluene	0.00008	0.00556	0.00008	0.94		U
4-Methyl-2-pentanone	0.00036	0.0222	0.00036	0.94		U
Acetone	0.00033	0.0556	0.0252	0.94		FJ
Benzene	0.00006	0.00278	0.00006	0.94		U
Bromobenzene	0.00017	0.00556	0.00017	0.94		U
Bromochloromethane	0.00022	0.00556	0.00022	0.94		U
Bromodichloromethane	0.00007	0.00278	0.00007	0.94		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-02	**Lab Sample ID:**	0709160-011A	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	1038	**File ID:**	M2667.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00667	0.00019	0.94		U
Bromomethane	0.00014	0.0111	0.00014	0.94		U
Carbon tetrachloride	0.00013	0.00556	0.00013	0.94		U
Chlorobenzene	0.00008	0.00278	0.312	0.94		JQ
Chloroethane	0.00028	0.00556	0.00028	0.94		U
Chloroform	0.00008	0.00278	0.00008	0.94		U
Chloromethane	0.00034	0.00556	0.00034	0.94		U
cis-1,2-Dichloroethene	0.00018	0.00556	0.00157	0.94		FJ
cis-1,3-Dichloropropene	0.00010	0.00333	0.00010	0.94		U
Dibromochloromethane	0.00008	0.00333	0.00008	0.94		U
Dibromomethane	0.00013	0.00556	0.00013	0.94		U
Dichlorodifluoromethane	0.00009	0.00556	0.00009	0.94		UQ
Ethylbenzene	0.00014	0.00556	0.00609	0.94		J
Hexachlorobutadiene	0.00042	0.00333	0.00042	0.94		U
Isopropylbenzene	0.00006	0.00556	0.00493	0.94		FJ
Methyl tert-butyl ether	0.00014	0.0222	0.00014	0.94		U
Methylene chloride	0.00067	0.00556	0.00067	0.94		U
n-Butylbenzene	0.00014	0.00556	0.00863	0.94		J
n-Propylbenzene	0.00003	0.00556	0.00476	0.94		FJ
Naphthalene	0.00023	0.00556	0.0549	0.94		J
o-Xylene	0.00019	0.00556	0.00019	0.94		U
p-Isopropyltoluene	0.00019	0.00667	0.00501	0.94		FJQ
sec-Butylbenzene	0.00006	0.00556	0.00504	0.94		FJ
Styrene	0.00013	0.00556	0.00013	0.94		U
tert-Butylbenzene	0.00009	0.00556	0.00009	0.94		U
Tetrachloroethene	0.00012	0.00556	0.00012	0.94		U
Toluene	0.00006	0.00556	0.00006	0.94		U
trans-1,2-Dichloroethene	0.00013	0.00556	0.00013	0.94		U
trans-1,3-Dichloropropene	0.00017	0.00556	0.00017	0.94		U
Trichloroethene	0.00013	0.00556	0.00013	0.94		U
Trichlorofluoromethane	0.00009	0.00556	0.00009	0.94		U
Vinyl chloride	0.00014	0.00556	0.00014	0.94		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-02	**Lab Sample ID:**	0709160-011A	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	1038	**File ID:**	M2667.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.22 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00556	0.0296	0.94		JQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	127	84 - 118	*
Dibromofluoromethane	107	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2981950	1143850 - 4575400	
Chlorobenzene-d5	2929647	1393807 - 5575228	
Fluorobenzene	5267434	2371446 - 9485782	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-02 DL	**Lab Sample ID:**	0709160-011ADL	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	1056	**File ID:**	J4653.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00077	0.0296	0.0846	5		J
1,1,1,2-Tetrachloroethane	0.00095	0.0177	0.00095	5		U
1,1,1-Trichloroethane	0.00083	0.0296	0.00083	5		U
1,1,2,2-Tetrachloroethane	0.00083	0.0177	0.00083	5		U
1,1,2-Trichloroethane	0.00148	0.0296	0.00148	5		U
1,1-Dichloroethane	0.00047	0.0296	0.00047	5		U
1,1-Dichloroethene	0.00089	0.0355	0.00089	5		U
1,1-Dichloropropene	0.00112	0.0296	0.00112	5		U
1,2,3-Trichlorobenzene	0.00242	0.0296	0.00242	5		U
1,2,3-Trichloropropane	0.00136	0.0296	0.00136	5		U
1,2,4-Trichlorobenzene	0.00195	0.0296	0.00195	5		U
1,2,4-Trimethylbenzene	0.00035	0.0355	0.723	5		J
1,2-Dibromo-3-chloropropane	0.00183	0.0591	0.00183	5		U
1,2-Dibromoethane	0.00047	0.0296	0.00047	5		U
1,2-Dichlorobenzene	0.00035	0.0296	0.0104	5		FJ
1,2-Dichloroethane	0.00065	0.0177	0.00065	5		U
1,2-Dichloropropane	0.00130	0.0296	0.00130	5		U
1,3,5-Trimethylbenzene	0.00047	0.0296	0.250	5		JQ
1,3-Dichlorobenzene	0.00065	0.0355	0.00585	5		FJ
1,3-Dichloropropane	0.00053	0.0148	0.00053	5		U
1,4-Dichlorobenzene	0.00035	0.0148	0.123	5		J
1-Chlorohexane	0.00095	0.0296	0.00095	5		U
2,2-Dichloropropane	0.00077	0.0296	0.00077	5		U
2-Butanone	0.00248	0.118	0.00248	5		U
2-Chlorotoluene	0.00024	0.0296	0.00024	5		U
4-Chlorotoluene	0.00041	0.0296	0.00041	5		U
4-Methyl-2-pentanone	0.00189	0.118	0.00189	5		U
Acetone	0.00177	0.296	0.107	5		FJ
Benzene	0.00030	0.0148	0.00030	5		U
Bromobenzene	0.00089	0.0296	0.00089	5		U
Bromochloromethane	0.00118	0.0296	0.00118	5		U
Bromodichloromethane	0.00035	0.0148	0.00035	5		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-02 DL	**Lab Sample ID:**	0709160-011ADL	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	1056	**File ID:**	J4653.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00100	0.0355	0.00100	5		U
Bromomethane	0.00077	0.0591	0.00077	5		U
Carbon tetrachloride	0.00071	0.0296	0.00071	5		U
Chlorobenzene	0.00041	0.0148	0.519	5		J
Chloroethane	0.00148	0.0296	0.00148	5		U
Chloroform	0.00041	0.0148	0.00041	5		U
Chloromethane	0.00183	0.0296	0.00183	5		U
cis-1,2-Dichloroethene	0.00095	0.0296	0.00095	5		U
cis-1,3-Dichloropropene	0.00053	0.0177	0.00053	5		U
Dibromochloromethane	0.00041	0.0177	0.00041	5		U
Dibromomethane	0.00071	0.0296	0.00071	5		U
Dichlorodifluoromethane	0.00047	0.0296	0.00047	5		U
Ethylbenzene	0.00077	0.0296	0.0158	5		FJ
Hexachlorobutadiene	0.00225	0.0177	0.00225	5		U
Isopropylbenzene	0.00030	0.0296	0.0232	5		FJ
Methyl tert-butyl ether	0.00077	0.118	0.00077	5		U
Methylene chloride	0.00355	0.0296	0.00355	5		U
n-Butylbenzene	0.00077	0.0296	0.0574	5		J
n-Propylbenzene	0.00018	0.0296	0.0366	5		J
Naphthalene	0.00124	0.0296	0.190	5		J
o-Xylene	0.00100	0.0296	0.0106	5		FJ
p-Isopropyltoluene	0.00100	0.0355	0.0566	5		J
sec-Butylbenzene	0.00030	0.0296	0.0368	5		J
Styrene	0.00071	0.0296	0.00071	5		U
tert-Butylbenzene	0.00047	0.0296	0.00774	5		FJ
Tetrachloroethene	0.00065	0.0296	0.00065	5		U
Toluene	0.00030	0.0296	0.00030	5		U
trans-1,2-Dichloroethene	0.00071	0.0296	0.00071	5		U
trans-1,3-Dichloropropene	0.00089	0.0296	0.00089	5		U
Trichloroethene	0.00071	0.0296	0.00071	5		U
Trichlorofluoromethane	0.00047	0.0296	0.00047	5		U
Vinyl chloride	0.00077	0.0296	0.00077	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-02 DL	**Lab Sample ID:**	0709160-011ADL	**Matrix:**	Soil
% Solids:	84.60	**Initial Calibration ID:**	1056	**File ID:**	J4653.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00177	0.0296	0.0952	5		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	52 - 149	
4-Bromofluorobenzene	121	84 - 118	*
Dibromofluoromethane	101	65 - 135	
Toluene-d8	111	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1409452	1061351 - 4245404	
Chlorobenzene-d5	1685042	1422324 - 5689294	
Fluorobenzene	3610750	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-03	**Lab Sample ID:**	0709160-012A	**Matrix:**	Soil
% Solids:	86.10	**Initial Calibration ID:**	1038	**File ID:**	M2645.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00552	0.00354	0.95		FQ
1,1,1,2-Tetrachloroethane	0.00018	0.00331	0.00018	0.95		U
1,1,1-Trichloroethane	0.00015	0.00552	0.00015	0.95		U
1,1,2,2-Tetrachloroethane	0.00015	0.00331	0.00015	0.95		U
1,1,2-Trichloroethane	0.00028	0.00552	0.00028	0.95		U
1,1-Dichloroethane	0.00009	0.00552	0.00009	0.95		U
1,1-Dichloroethene	0.00017	0.00662	0.00017	0.95		U
1,1-Dichloropropene	0.00021	0.00552	0.00021	0.95		U
1,2,3-Trichlorobenzene	0.00045	0.00552	0.00045	0.95		U
1,2,3-Trichloropropane	0.00025	0.00552	0.00025	0.95		U
1,2,4-Trichlorobenzene	0.00036	0.00552	0.00036	0.95		U
1,2,4-Trimethylbenzene	0.00007	0.00662	0.132	0.95		
1,2-Dibromo-3-chloropropane	0.00034	0.0110	0.00034	0.95		U
1,2-Dibromoethane	0.00009	0.00552	0.00009	0.95		U
1,2-Dichlorobenzene	0.00007	0.00552	0.00983	0.95		
1,2-Dichloroethane	0.00012	0.00331	0.00012	0.95		U
1,2-Dichloropropane	0.00024	0.00552	0.00024	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00552	0.0399	0.95		
1,3-Dichlorobenzene	0.00012	0.00662	0.00319	0.95		F
1,3-Dichloropropane	0.00010	0.00276	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00276	0.0418	0.95		
1-Chlorohexane	0.00018	0.00552	0.00018	0.95		U
2,2-Dichloropropane	0.00014	0.00552	0.00014	0.95		U
2-Butanone	0.00046	0.0221	0.00213	0.95		F
2-Chlorotoluene	0.00004	0.00552	0.00004	0.95		U
4-Chlorotoluene	0.00008	0.00552	0.00008	0.95		U
4-Methyl-2-pentanone	0.00035	0.0221	0.00035	0.95		U
Acetone	0.00033	0.0552	0.0154	0.95		F
Benzene	0.00006	0.00276	0.00006	0.95		U
Bromobenzene	0.00017	0.00552	0.00017	0.95		U
Bromochloromethane	0.00022	0.00552	0.00022	0.95		U
Bromodichloromethane	0.00007	0.00276	0.00007	0.95		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-03	**Lab Sample ID:**	0709160-012A	**Matrix:**	Soil
% Solids:	86.10	**Initial Calibration ID:**	1038	**File ID:**	M2645.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00662	0.00019	0.95		U
Bromomethane	0.00014	0.0110	0.00014	0.95		U
Carbon tetrachloride	0.00013	0.00552	0.00013	0.95		U
Chlorobenzene	0.00008	0.00276	0.0129	0.95		
Chloroethane	0.00028	0.00552	0.00028	0.95		U
Chloroform	0.00008	0.00276	0.00008	0.95		U
Chloromethane	0.00034	0.00552	0.00034	0.95		U
cis-1,2-Dichloroethene	0.00018	0.00552	0.00018	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00331	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00331	0.00008	0.95		U
Dibromomethane	0.00013	0.00552	0.00013	0.95		U
Dichlorodifluoromethane	0.00009	0.00552	0.00009	0.95		UQ
Ethylbenzene	0.00014	0.00552	0.00014	0.95		U
Hexachlorobutadiene	0.00042	0.00331	0.00042	0.95		U
Isopropylbenzene	0.00006	0.00552	0.00544	0.95		F
Methyl tert-butyl ether	0.00014	0.0221	0.00014	0.95		U
Methylene chloride	0.00066	0.00552	0.00066	0.95		U
n-Butylbenzene	0.00014	0.00552	0.0112	0.95		Q
n-Propylbenzene	0.00003	0.00552	0.0102	0.95		
Naphthalene	0.00023	0.00552	0.0254	0.95		
o-Xylene	0.00019	0.00552	0.00019	0.95		U
p-Isopropyltoluene	0.00019	0.00662	0.00666	0.95		Q
sec-Butylbenzene	0.00006	0.00552	0.00437	0.95		F
Styrene	0.00013	0.00552	0.00013	0.95		U
tert-Butylbenzene	0.00009	0.00552	0.00009	0.95		U
Tetrachloroethene	0.00012	0.00552	0.00012	0.95		U
Toluene	0.00006	0.00552	0.00006	0.95		U
trans-1,2-Dichloroethene	0.00013	0.00552	0.00013	0.95		U
trans-1,3-Dichloropropene	0.00017	0.00552	0.00017	0.95		U
Trichloroethene	0.00013	0.00552	0.000662	0.95		F
Trichlorofluoromethane	0.00009	0.00552	0.00009	0.95		U
Vinyl chloride	0.00014	0.00552	0.00014	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB28-03	**Lab Sample ID:**	0709160-012A	**Matrix:**	Soil
% Solids:	86.10	**Initial Calibration ID:**	1038	**File ID:**	M2645.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00552	0.00354	0.95		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	114	84 - 118	
Dibromofluoromethane	105	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	3294369	1143850 - 4575400	
Chlorobenzene-d5	3477778	1393807 - 5575228	
Fluorobenzene	6030937	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-01	**Lab Sample ID:**	0709160-013A	**Matrix:**	Soil
% Solids:	94.40	**Initial Calibration ID:**	1056	**File ID:**	J4647.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	3.91 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00018	0.00678	0.000773	1.28		F
1,1,1,2-Tetrachloroethane	0.00022	0.00407	0.00022	1.28		U
1,1,1-Trichloroethane	0.00019	0.00678	0.00019	1.28		U
1,1,2,2-Tetrachloroethane	0.00019	0.00407	0.00019	1.28		U
1,1,2-Trichloroethane	0.00034	0.00678	0.00034	1.28		U
1,1-Dichloroethane	0.00011	0.00678	0.00011	1.28		U
1,1-Dichloroethene	0.00020	0.00814	0.00020	1.28		U
1,1-Dichloropropene	0.00026	0.00678	0.00026	1.28		U
1,2,3-Trichlorobenzene	0.00056	0.00678	0.00056	1.28		U
1,2,3-Trichloropropane	0.00031	0.00678	0.00031	1.28		U
1,2,4-Trichlorobenzene	0.00045	0.00678	0.00045	1.28		U
1,2,4-Trimethylbenzene	0.00008	0.00814	0.000732	1.28		F
1,2-Dibromo-3-chloropropane	0.00042	0.0136	0.00042	1.28		U
1,2-Dibromoethane	0.00011	0.00678	0.00011	1.28		U
1,2-Dichlorobenzene	0.00008	0.00678	0.00008	1.28		U
1,2-Dichloroethane	0.00015	0.00407	0.00015	1.28		U
1,2-Dichloropropane	0.00030	0.00678	0.00030	1.28		U
1,3,5-Trimethylbenzene	0.00011	0.00678	0.00011	1.28		U
1,3-Dichlorobenzene	0.00015	0.00814	0.00015	1.28		U
1,3-Dichloropropane	0.00012	0.00339	0.00012	1.28		U
1,4-Dichlorobenzene	0.00008	0.00339	0.00008	1.28		U
1-Chlorohexane	0.00022	0.00678	0.00022	1.28		U
2,2-Dichloropropane	0.00018	0.00678	0.00018	1.28		U
2-Butanone	0.00057	0.0271	0.00057	1.28		U
2-Chlorotoluene	0.00005	0.00678	0.00005	1.28		U
4-Chlorotoluene	0.00009	0.00678	0.00009	1.28		U
4-Methyl-2-pentanone	0.00043	0.0271	0.00043	1.28		U
Acetone	0.00041	0.0678	0.00891	1.28		F
Benzene	0.00007	0.00339	0.00007	1.28		U
Bromobenzene	0.00020	0.00678	0.00020	1.28		U
Bromochloromethane	0.00027	0.00678	0.00027	1.28		U
Bromodichloromethane	0.00008	0.00339	0.00008	1.28		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-01	**Lab Sample ID:**	0709160-013A	**Matrix:**	Soil
% Solids:	94.40	**Initial Calibration ID:**	1056	**File ID:**	J4647.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	3.91 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00023	0.00814	0.00023	1.28		U
Bromomethane	0.00018	0.0136	0.00018	1.28		U
Carbon tetrachloride	0.00016	0.00678	0.00016	1.28		U
Chlorobenzene	0.00009	0.00339	0.00157	1.28		F
Chloroethane	0.00034	0.00678	0.00034	1.28		U
Chloroform	0.00009	0.00339	0.00009	1.28		U
Chloromethane	0.00042	0.00678	0.00042	1.28		U
cis-1,2-Dichloroethene	0.00022	0.00678	0.00022	1.28		U
cis-1,3-Dichloropropene	0.00012	0.00407	0.00012	1.28		U
Dibromochloromethane	0.00009	0.00407	0.00009	1.28		U
Dibromomethane	0.00016	0.00678	0.00016	1.28		U
Dichlorodifluoromethane	0.00011	0.00678	0.00011	1.28		U
Ethylbenzene	0.00018	0.00678	0.000908	1.28		F
Hexachlorobutadiene	0.00052	0.00407	0.00052	1.28		U
Isopropylbenzene	0.00007	0.00678	0.00007	1.28		U
Methyl tert-butyl ether	0.00018	0.0271	0.00018	1.28		U
Methylene chloride	0.00081	0.00678	0.00081	1.28		U
n-Butylbenzene	0.00018	0.00678	0.00018	1.28		U
n-Propylbenzene	0.00004	0.00678	0.000963	1.28		F
Naphthalene	0.00028	0.00678	0.00028	1.28		U
o-Xylene	0.00023	0.00678	0.00023	1.28		U
p-Isopropyltoluene	0.00023	0.00814	0.00023	1.28		U
sec-Butylbenzene	0.00007	0.00678	0.00007	1.28		U
Styrene	0.00016	0.00678	0.00016	1.28		U
tert-Butylbenzene	0.00011	0.00678	0.00011	1.28		U
Tetrachloroethene	0.00015	0.00678	0.000705	1.28		F
Toluene	0.00007	0.00678	0.00007	1.28		U
trans-1,2-Dichloroethene	0.00016	0.00678	0.00016	1.28		U
trans-1,3-Dichloropropene	0.00020	0.00678	0.00020	1.28		U
Trichloroethene	0.00016	0.00678	0.00016	1.28		U
Trichlorofluoromethane	0.00011	0.00678	0.00011	1.28		U
Vinyl chloride	0.00018	0.00678	0.00018	1.28		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-01	**Lab Sample ID:**	0709160-013A	**Matrix:**	Soil
% Solids:	94.40	**Initial Calibration ID:**	1056	**File ID:**	J4647.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	3.91 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00041	0.00678	0.000773	1.28		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	101	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1158880	1061351 - 4245404	
Chlorobenzene-d5	1828267	1422324 - 5689294	
Fluorobenzene	4504950	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-02	**Lab Sample ID:**	0709160-014A	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	1038	**File ID:**	M2647.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.87 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00600	0.00133	1.03		FQ
1,1,1,2-Tetrachloroethane	0.00019	0.00360	0.00019	1.03		U
1,1,1-Trichloroethane	0.00017	0.00600	0.00017	1.03		U
1,1,2,2-Tetrachloroethane	0.00017	0.00360	0.00017	1.03		U
1,1,2-Trichloroethane	0.00030	0.00600	0.00030	1.03		U
1,1-Dichloroethane	0.00010	0.00600	0.00010	1.03		U
1,1-Dichloroethene	0.00018	0.00719	0.00018	1.03		U
1,1-Dichloropropene	0.00023	0.00600	0.00023	1.03		U
1,2,3-Trichlorobenzene	0.00049	0.00600	0.00049	1.03		U
1,2,3-Trichloropropane	0.00028	0.00600	0.00028	1.03		U
1,2,4-Trichlorobenzene	0.00040	0.00600	0.00040	1.03		U
1,2,4-Trimethylbenzene	0.00007	0.00719	0.0107	1.03		
1,2-Dibromo-3-chloropropane	0.00037	0.0120	0.00037	1.03		U
1,2-Dibromoethane	0.00010	0.00600	0.00010	1.03		U
1,2-Dichlorobenzene	0.00007	0.00600	0.00210	1.03		F
1,2-Dichloroethane	0.00013	0.00360	0.00013	1.03		U
1,2-Dichloropropane	0.00026	0.00600	0.00026	1.03		U
1,3,5-Trimethylbenzene	0.00010	0.00600	0.000959	1.03		F
1,3-Dichlorobenzene	0.00013	0.00719	0.00013	1.03		U
1,3-Dichloropropane	0.00011	0.00300	0.00011	1.03		U
1,4-Dichlorobenzene	0.00007	0.00300	0.0188	1.03		
1-Chlorohexane	0.00019	0.00600	0.00019	1.03		U
2,2-Dichloropropane	0.00016	0.00600	0.00016	1.03		U
2-Butanone	0.00050	0.0240	0.00294	1.03		F
2-Chlorotoluene	0.00005	0.00600	0.00005	1.03		U
4-Chlorotoluene	0.00008	0.00600	0.00008	1.03		U
4-Methyl-2-pentanone	0.00038	0.0240	0.00038	1.03		U
Acetone	0.00036	0.0600	0.0228	1.03		F
Benzene	0.00006	0.00300	0.00006	1.03		U
Bromobenzene	0.00018	0.00600	0.00018	1.03		U
Bromochloromethane	0.00024	0.00600	0.00024	1.03		U
Bromodichloromethane	0.00007	0.00300	0.00007	1.03		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-02	**Lab Sample ID:**	0709160-014A	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	1038	**File ID:**	M2647.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.87 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00719	0.00020	1.03		U
Bromomethane	0.00016	0.0120	0.00016	1.03		U
Carbon tetrachloride	0.00014	0.00600	0.00014	1.03		U
Chlorobenzene	0.00008	0.00300	0.0429	1.03		
Chloroethane	0.00030	0.00600	0.00030	1.03		U
Chloroform	0.00008	0.00300	0.00008	1.03		U
Chloromethane	0.00037	0.00600	0.00037	1.03		U
cis-1,2-Dichloroethene	0.00019	0.00600	0.00019	1.03		U
cis-1,3-Dichloropropene	0.00011	0.00360	0.00011	1.03		U
Dibromochloromethane	0.00008	0.00360	0.00008	1.03		U
Dibromomethane	0.00014	0.00600	0.00014	1.03		U
Dichlorodifluoromethane	0.00010	0.00600	0.00010	1.03		UQ
Ethylbenzene	0.00016	0.00600	0.00016	1.03		U
Hexachlorobutadiene	0.00046	0.00360	0.00046	1.03		U
Isopropylbenzene	0.00006	0.00600	0.00110	1.03		F
Methyl tert-butyl ether	0.00016	0.0240	0.00016	1.03		U
Methylene chloride	0.00072	0.00600	0.00072	1.03		U
n-Butylbenzene	0.00016	0.00600	0.00335	1.03		FQ
n-Propylbenzene	0.00004	0.00600	0.00157	1.03		F
Naphthalene	0.00025	0.00600	0.00820	1.03		
o-Xylene	0.00020	0.00600	0.00020	1.03		U
p-Isopropyltoluene	0.00020	0.00719	0.00020	1.03		U
sec-Butylbenzene	0.00006	0.00600	0.00305	1.03		F
Styrene	0.00014	0.00600	0.00014	1.03		U
tert-Butylbenzene	0.00010	0.00600	0.00127	1.03		F
Tetrachloroethene	0.00013	0.00600	0.00013	1.03		U
Toluene	0.00006	0.00600	0.000767	1.03		F
trans-1,2-Dichloroethene	0.00014	0.00600	0.00014	1.03		U
trans-1,3-Dichloropropene	0.00018	0.00600	0.00018	1.03		U
Trichloroethene	0.00014	0.00600	0.00014	1.03		U
Trichlorofluoromethane	0.00010	0.00600	0.00010	1.03		U
Vinyl chloride	0.00016	0.00600	0.00016	1.03		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-02	**Lab Sample ID:**	0709160-014A	**Matrix:**	Soil
% Solids:	85.90	**Initial Calibration ID:**	1038	**File ID:**	M2647.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.87 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00036	0.00600	0.00133	1.03		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	116	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	3407113	1143850 - 4575400	
Chlorobenzene-d5	3533312	1393807 - 5575228	
Fluorobenzene	6308792	2371446 - 9485782	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-03	**Lab Sample ID:**	0709160-015B	**Matrix:**	Soil
% Solids:	85.10	**Initial Calibration ID:**	1060	**File ID:**	T0629.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0164	0.631	40.3	1		J
1,1,1,2-Tetrachloroethane	0.0202	0.379	0.0202	1		U
1,1,1-Trichloroethane	0.0177	0.631	0.0177	1		U
1,1,2,2-Tetrachloroethane	0.0177	0.379	0.0177	1		U
1,1,2-Trichloroethane	0.0316	0.631	0.0316	1		U
1,1-Dichloroethane	0.0101	0.631	0.0101	1		U
1,1-Dichloroethene	0.0189	0.758	0.0189	1		U
1,1-Dichloropropene	0.0240	0.631	0.0240	1		U
1,2,3-Trichlorobenzene	0.0518	0.631	0.0518	1		U
1,2,3-Trichloropropane	0.0290	0.631	0.0290	1		U
1,2,4-Trichlorobenzene	0.0417	0.631	0.0417	1		U
1,2,4-Trimethylbenzene	0.00758	0.758	56.5	1		JQ
1,2-Dibromo-3-chloropropane	0.0391	1.26	0.0391	1		U
1,2-Dibromoethane	0.0101	0.631	0.0101	1		U
1,2-Dichlorobenzene	0.00758	0.631	0.00758	1		U
1,2-Dichloroethane	0.0139	0.379	0.0139	1		U
1,2-Dichloropropane	0.0278	0.631	0.0278	1		U
1,3,5-Trimethylbenzene	0.0101	0.631	44.1	1		J
1,3-Dichlorobenzene	0.0139	0.758	1.58	1		J
1,3-Dichloropropane	0.0114	0.316	0.0114	1		U
1,4-Dichlorobenzene	0.00758	0.316	13.3	1		J
1-Chlorohexane	0.0202	0.631	0.0202	1		U
2,2-Dichloropropane	0.0164	0.631	0.0164	1		U
2-Butanone	0.0530	2.53	0.0530	1		U
2-Chlorotoluene	0.00505	0.631	0.00505	1		U
4-Chlorotoluene	0.00884	0.631	0.00884	1		U
4-Methyl-2-pentanone	0.0404	2.53	0.0404	1		U
Acetone	0.0379	6.31	0.0379	1		U
Benzene	0.00631	0.316	0.00631	1		U
Bromobenzene	0.0189	0.631	0.0189	1		U
Bromochloromethane	0.0253	0.631	0.0253	1		U
Bromodichloromethane	0.00758	0.316	0.00758	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-03	**Lab Sample ID:**	0709160-015B	**Matrix:**	Soil
% Solids:	85.10	**Initial Calibration ID:**	1060	**File ID:**	T0629.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0215	0.758	0.0215	1		U
Bromomethane	0.0164	1.26	0.0164	1		U
Carbon tetrachloride	0.0152	0.631	0.0152	1		U
Chlorobenzene	0.00884	0.316	36.0	1		J
Chloroethane	0.0316	0.631	0.0316	1		U
Chloroform	0.00884	0.316	0.00884	1		U
Chloromethane	0.0391	0.631	0.0391	1		U
cis-1,2-Dichloroethene	0.0202	0.631	0.0202	1		U
cis-1,3-Dichloropropene	0.0114	0.379	0.0114	1		U
Dibromochloromethane	0.00884	0.379	0.00884	1		U
Dibromomethane	0.0152	0.631	0.0152	1		U
Dichlorodifluoromethane	0.0101	0.631	0.0101	1		U
Ethylbenzene	0.0164	0.631	5.52	1		J
Hexachlorobutadiene	0.0480	0.379	0.0480	1		U
Isopropylbenzene	0.00631	0.631	17.7	1		JQ
Methyl tert-butyl ether	0.0164	2.53	0.0164	1		U
Methylene chloride	0.0758	0.631	0.0758	1		U
n-Butylbenzene	0.0164	0.631	19.7	1		J
n-Propylbenzene	0.00379	0.631	19.4	1		JQ
Naphthalene	0.0265	0.631	28.4	1		J
o-Xylene	0.0215	0.631	0.461	1		FJ
p-Isopropyltoluene	0.0215	0.758	21.5	1		JQ
sec-Butylbenzene	0.00631	0.631	16.6	1		JQ
Styrene	0.0152	0.631	0.0152	1		U
tert-Butylbenzene	0.0101	0.631	4.07	1		J
Tetrachloroethene	0.0139	0.631	0.0139	1		U
Toluene	0.00631	0.631	0.00631	1		U
trans-1,2-Dichloroethene	0.0152	0.631	0.0152	1		U
trans-1,3-Dichloropropene	0.0189	0.631	0.0189	1		U
Trichloroethene	0.0152	0.631	0.0152	1		U
Trichlorofluoromethane	0.0101	0.631	0.0101	1		U
Vinyl chloride	0.0164	0.631	0.0164	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-03	**Lab Sample ID:**	0709160-015B	**Matrix:**	Soil
% Solids:	85.10	**Initial Calibration ID:**	1060	**File ID:**	T0629.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0379	1.26	40.8	1		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	203	84 - 118	*
Dibromofluoromethane	92	65 - 135	
Toluene-d8	130	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1338995	443553 - 1774212	
Chlorobenzene-d5	2759968	698816 - 2795262	
Fluorobenzene	3477481	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-03 DL	**Lab Sample ID:**	0709160-015BDL	**Matrix:**	Soil
% Solids:	85.10	**Initial Calibration ID:**	1060	**File ID:**	T0678.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.525	20.2	64.0	32		J
1,1,1,2-Tetrachloroethane	0.646	12.1	0.646	32		U
1,1,1-Trichloroethane	0.566	20.2	0.566	32		U
1,1,2,2-Tetrachloroethane	0.566	12.1	0.566	32		U
1,1,2-Trichloroethane	1.01	20.2	1.01	32		U
1,1-Dichloroethane	0.323	20.2	0.323	32		U
1,1-Dichloroethene	0.606	24.2	0.606	32		U
1,1-Dichloropropene	0.768	20.2	0.768	32		U
1,2,3-Trichlorobenzene	1.66	20.2	1.66	32		U
1,2,3-Trichloropropane	0.929	20.2	0.929	32		U
1,2,4-Trichlorobenzene	1.33	20.2	1.33	32		U
1,2,4-Trimethylbenzene	0.242	24.2	394	32		J
1,2-Dibromo-3-chloropropane	1.25	40.4	1.25	32		U
1,2-Dibromoethane	0.323	20.2	0.323	32		U
1,2-Dichlorobenzene	0.242	20.2	0.242	32		U
1,2-Dichloroethane	0.444	12.1	0.444	32		U
1,2-Dichloropropane	0.889	20.2	0.889	32		U
1,3,5-Trimethylbenzene	0.323	20.2	164	32		J
1,3-Dichlorobenzene	0.444	24.2	0.444	32		U
1,3-Dichloropropane	0.364	10.1	0.364	32		U
1,4-Dichlorobenzene	0.242	10.1	12.9	32		J
1-Chlorohexane	0.646	20.2	0.646	32		U
2,2-Dichloropropane	0.525	20.2	0.525	32		U
2-Butanone	1.70	80.8	1.70	32		U
2-Chlorotoluene	0.162	20.2	0.162	32		U
4-Chlorotoluene	0.283	20.2	0.283	32		U
4-Methyl-2-pentanone	1.29	80.8	1.29	32		U
Acetone	1.21	202	20.6	32		FJQ
Benzene	0.202	10.1	0.202	32		U
Bromobenzene	0.606	20.2	0.606	32		U
Bromochloromethane	0.808	20.2	0.808	32		U
Bromodichloromethane	0.242	10.1	0.242	32		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-03 DL	**Lab Sample ID:**	0709160-015BDL	**Matrix:**	Soil
% Solids:	85.10	**Initial Calibration ID:**	1060	**File ID:**	T0678.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.687	24.2	0.687	32		U
Bromomethane	0.525	40.4	0.525	32		U
Carbon tetrachloride	0.485	20.2	0.485	32		U
Chlorobenzene	0.283	10.1	106	32		J
Chloroethane	1.01	20.2	1.01	32		U
Chloroform	0.283	10.1	0.283	32		U
Chloromethane	1.25	20.2	1.25	32		U
cis-1,2-Dichloroethene	0.646	20.2	0.646	32		U
cis-1,3-Dichloropropene	0.364	12.1	0.364	32		U
Dibromochloromethane	0.283	12.1	0.283	32		U
Dibromomethane	0.485	20.2	0.485	32		U
Dichlorodifluoromethane	0.323	20.2	0.323	32		U
Ethylbenzene	0.525	20.2	7.88	32		FJ
Hexachlorobutadiene	1.54	12.1	1.54	32		U
Isopropylbenzene	0.202	20.2	29.5	32		JQ
Methyl tert-butyl ether	0.525	80.8	0.525	32		U
Methylene chloride	2.42	20.2	2.42	32		U
n-Butylbenzene	0.525	20.2	16.4	32		FJ
n-Propylbenzene	0.121	20.2	34.3	32		J
Naphthalene	0.848	20.2	57.6	32		J
o-Xylene	0.687	20.2	0.687	32		U
p-Isopropyltoluene	0.687	24.2	32.3	32		J
sec-Butylbenzene	0.202	20.2	24.8	32		JQ
Styrene	0.485	20.2	0.485	32		U
tert-Butylbenzene	0.323	20.2	4.85	32		FJ
Tetrachloroethene	0.444	20.2	0.444	32		U
Toluene	0.202	20.2	0.202	32		U
trans-1,2-Dichloroethene	0.485	20.2	0.485	32		U
trans-1,3-Dichloropropene	0.606	20.2	0.606	32		U
Trichloroethene	0.485	20.2	0.485	32		U
Trichlorofluoromethane	0.323	20.2	0.323	32		U
Vinyl chloride	0.525	20.2	0.525	32		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB27-03 DL	**Lab Sample ID:**	0709160-015BDL	**Matrix:**	Soil
% Solids:	85.10	**Initial Calibration ID:**	1060	**File ID:**	T0678.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	1.21	40.4	64.0	32		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	112	52 - 149	
4-Bromofluorobenzene	314	84 - 118	*
Dibromofluoromethane	86	65 - 135	
Toluene-d8	125	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	783000	443553 - 1774212	
Chlorobenzene-d5	1429711	698816 - 2795262	
Fluorobenzene	3095650	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-01	**Lab Sample ID:**	0709160-016A	**Matrix:**	Soil
% Solids:	94.30	**Initial Calibration ID:**	1038	**File ID:**	M2648.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00017	0.00636	0.00017	1.2		U
1,1,1,2-Tetrachloroethane	0.00020	0.00382	0.00020	1.2		U
1,1,1-Trichloroethane	0.00018	0.00636	0.00018	1.2		U
1,1,2,2-Tetrachloroethane	0.00018	0.00382	0.00018	1.2		U
1,1,2-Trichloroethane	0.00032	0.00636	0.00032	1.2		U
1,1-Dichloroethane	0.00010	0.00636	0.00010	1.2		U
1,1-Dichloroethene	0.00019	0.00764	0.00019	1.2		U
1,1-Dichloropropene	0.00024	0.00636	0.00024	1.2		U
1,2,3-Trichlorobenzene	0.00052	0.00636	0.00052	1.2		U
1,2,3-Trichloropropane	0.00029	0.00636	0.00029	1.2		U
1,2,4-Trichlorobenzene	0.00042	0.00636	0.00042	1.2		U
1,2,4-Trimethylbenzene	0.00008	0.00764	0.00140	1.2		F
1,2-Dibromo-3-chloropropane	0.00039	0.0127	0.00039	1.2		U
1,2-Dibromoethane	0.00010	0.00636	0.00010	1.2		U
1,2-Dichlorobenzene	0.00008	0.00636	0.00397	1.2		F
1,2-Dichloroethane	0.00014	0.00382	0.00014	1.2		U
1,2-Dichloropropane	0.00028	0.00636	0.00028	1.2		U
1,3,5-Trimethylbenzene	0.00010	0.00636	0.00010	1.2		U
1,3-Dichlorobenzene	0.00014	0.00764	0.00014	1.2		U
1,3-Dichloropropane	0.00011	0.00318	0.00011	1.2		U
1,4-Dichlorobenzene	0.00008	0.00318	0.00270	1.2		F
1-Chlorohexane	0.00020	0.00636	0.00020	1.2		U
2,2-Dichloropropane	0.00017	0.00636	0.00017	1.2		U
2-Butanone	0.00053	0.0255	0.00053	1.2		U
2-Chlorotoluene	0.00005	0.00636	0.00005	1.2		U
4-Chlorotoluene	0.00009	0.00636	0.00009	1.2		U
4-Methyl-2-pentanone	0.00041	0.0255	0.00041	1.2		U
Acetone	0.00038	0.0636	0.00755	1.2		F
Benzene	0.00006	0.00318	0.00006	1.2		U
Bromobenzene	0.00019	0.00636	0.00019	1.2		U
Bromochloromethane	0.00025	0.00636	0.00025	1.2		U
Bromodichloromethane	0.00008	0.00318	0.00008	1.2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-01	**Lab Sample ID:**	0709160-016A	**Matrix:**	Soil
% Solids:	94.30	**Initial Calibration ID:**	1038	**File ID:**	M2648.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00022	0.00764	0.00022	1.2		U
Bromomethane	0.00017	0.0127	0.00017	1.2		U
Carbon tetrachloride	0.00015	0.00636	0.00015	1.2		U
Chlorobenzene	0.00009	0.00318	0.00265	1.2		F
Chloroethane	0.00032	0.00636	0.00032	1.2		U
Chloroform	0.00009	0.00318	0.00009	1.2		U
Chloromethane	0.00039	0.00636	0.00039	1.2		U
cis-1,2-Dichloroethene	0.00020	0.00636	0.00020	1.2		U
cis-1,3-Dichloropropene	0.00011	0.00382	0.00011	1.2		U
Dibromochloromethane	0.00009	0.00382	0.00009	1.2		U
Dibromomethane	0.00015	0.00636	0.00015	1.2		U
Dichlorodifluoromethane	0.00010	0.00636	0.00010	1.2		UQ
Ethylbenzene	0.00017	0.00636	0.00017	1.2		U
Hexachlorobutadiene	0.00048	0.00382	0.00048	1.2		U
Isopropylbenzene	0.00006	0.00636	0.00006	1.2		U
Methyl tert-butyl ether	0.00017	0.0255	0.00017	1.2		U
Methylene chloride	0.00076	0.00636	0.00076	1.2		U
n-Butylbenzene	0.00017	0.00636	0.00017	1.2		U
n-Propylbenzene	0.00004	0.00636	0.00004	1.2		U
Naphthalene	0.00027	0.00636	0.00027	1.2		U
o-Xylene	0.00022	0.00636	0.00022	1.2		U
p-Isopropyltoluene	0.00022	0.00764	0.00022	1.2		U
sec-Butylbenzene	0.00006	0.00636	0.00006	1.2		U
Styrene	0.00015	0.00636	0.00015	1.2		U
tert-Butylbenzene	0.00010	0.00636	0.00010	1.2		U
Tetrachloroethene	0.00014	0.00636	0.00014	1.2		U
Toluene	0.00006	0.00636	0.00107	1.2		F
trans-1,2-Dichloroethene	0.00015	0.00636	0.00015	1.2		U
trans-1,3-Dichloropropene	0.00019	0.00636	0.00019	1.2		U
Trichloroethene	0.00015	0.00636	0.00015	1.2		U
Trichlorofluoromethane	0.00010	0.00636	0.00010	1.2		U
Vinyl chloride	0.00017	0.00636	0.00017	1.2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-01	**Lab Sample ID:**	0709160-016A	**Matrix:**	Soil
% Solids:	94.30	**Initial Calibration ID:**	1038	**File ID:**	M2648.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00038	0.00636	0.00038	1.2		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	112	84 - 118	
Dibromofluoromethane	106	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	3313366	1143850 - 4575400	
Chlorobenzene-d5	3444247	1393807 - 5575228	
Fluorobenzene	6062394	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-01 RA	**Lab Sample ID:**	0709160-016ARA	**Matrix:**	Soil
% Solids:	94.30	**Initial Calibration ID:**	1038	**File ID:**	M2669.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.15 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00017	0.00636	0.00017	1.2		U
1,1,1,2-Tetrachloroethane	0.00020	0.00382	0.00020	1.2		U
1,1,1-Trichloroethane	0.00018	0.00636	0.00018	1.2		U
1,1,2,2-Tetrachloroethane	0.00018	0.00382	0.00018	1.2		U
1,1,2-Trichloroethane	0.00032	0.00636	0.00032	1.2		U
1,1-Dichloroethane	0.00010	0.00636	0.00010	1.2		U
1,1-Dichloroethene	0.00019	0.00764	0.00019	1.2		U
1,1-Dichloropropene	0.00024	0.00636	0.00024	1.2		U
1,2,3-Trichlorobenzene	0.00052	0.00636	0.00052	1.2		U
1,2,3-Trichloropropane	0.00029	0.00636	0.00029	1.2		U
1,2,4-Trichlorobenzene	0.00042	0.00636	0.00042	1.2		U
1,2,4-Trimethylbenzene	0.00008	0.00764	0.00008	1.2		U
1,2-Dibromo-3-chloropropane	0.00039	0.0127	0.00039	1.2		U
1,2-Dibromoethane	0.00010	0.00636	0.00010	1.2		U
1,2-Dichlorobenzene	0.00008	0.00636	0.00408	1.2		F
1,2-Dichloroethane	0.00014	0.00382	0.00014	1.2		U
1,2-Dichloropropane	0.00028	0.00636	0.00028	1.2		U
1,3,5-Trimethylbenzene	0.00010	0.00636	0.00010	1.2		U
1,3-Dichlorobenzene	0.00014	0.00764	0.00014	1.2		U
1,3-Dichloropropane	0.00011	0.00318	0.00011	1.2		U
1,4-Dichlorobenzene	0.00008	0.00318	0.00249	1.2		F
1-Chlorohexane	0.00020	0.00636	0.00020	1.2		U
2,2-Dichloropropane	0.00017	0.00636	0.00017	1.2		U
2-Butanone	0.00053	0.0255	0.00053	1.2		U
2-Chlorotoluene	0.00005	0.00636	0.00005	1.2		U
4-Chlorotoluene	0.00009	0.00636	0.00009	1.2		U
4-Methyl-2-pentanone	0.00041	0.0255	0.00041	1.2		U
Acetone	0.00038	0.0636	0.00737	1.2		F
Benzene	0.00006	0.00318	0.00006	1.2		U
Bromobenzene	0.00019	0.00636	0.00019	1.2		U
Bromochloromethane	0.00025	0.00636	0.00025	1.2		U
Bromodichloromethane	0.00008	0.00318	0.00008	1.2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-01 RA	**Lab Sample ID:**	0709160-016ARA	**Matrix:**	Soil
% Solids:	94.30	**Initial Calibration ID:**	1038	**File ID:**	M2669.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.15 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00022	0.00764	0.00022	1.2		U
Bromomethane	0.00017	0.0127	0.00017	1.2		U
Carbon tetrachloride	0.00015	0.00636	0.00015	1.2		U
Chlorobenzene	0.00009	0.00318	0.00255	1.2		FQ
Chloroethane	0.00032	0.00636	0.00032	1.2		U
Chloroform	0.00009	0.00318	0.00009	1.2		U
Chloromethane	0.00039	0.00636	0.00039	1.2		U
cis-1,2-Dichloroethene	0.00020	0.00636	0.00020	1.2		U
cis-1,3-Dichloropropene	0.00011	0.00382	0.00011	1.2		U
Dibromochloromethane	0.00009	0.00382	0.00009	1.2		U
Dibromomethane	0.00015	0.00636	0.00015	1.2		U
Dichlorodifluoromethane	0.00010	0.00636	0.00010	1.2		UQ
Ethylbenzene	0.00017	0.00636	0.00017	1.2		U
Hexachlorobutadiene	0.00048	0.00382	0.00048	1.2		U
Isopropylbenzene	0.00006	0.00636	0.00006	1.2		U
Methyl tert-butyl ether	0.00017	0.0255	0.00017	1.2		U
Methylene chloride	0.00076	0.00636	0.00076	1.2		U
n-Butylbenzene	0.00017	0.00636	0.00017	1.2		U
n-Propylbenzene	0.00004	0.00636	0.00004	1.2		U
Naphthalene	0.00027	0.00636	0.00027	1.2		U
o-Xylene	0.00022	0.00636	0.00022	1.2		U
p-Isopropyltoluene	0.00022	0.00764	0.00022	1.2		U
sec-Butylbenzene	0.00006	0.00636	0.00006	1.2		U
Styrene	0.00015	0.00636	0.00015	1.2		U
tert-Butylbenzene	0.00010	0.00636	0.00010	1.2		U
Tetrachloroethene	0.00014	0.00636	0.00014	1.2		U
Toluene	0.00006	0.00636	0.000687	1.2		F
trans-1,2-Dichloroethene	0.00015	0.00636	0.00015	1.2		U
trans-1,3-Dichloropropene	0.00019	0.00636	0.00019	1.2		U
Trichloroethene	0.00015	0.00636	0.00015	1.2		U
Trichlorofluoromethane	0.00010	0.00636	0.00010	1.2		U
Vinyl chloride	0.00017	0.00636	0.00017	1.2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-01 RA	**Lab Sample ID:**	0709160-016ARA	**Matrix:**	Soil
% Solids:	94.30	**Initial Calibration ID:**	1038	**File ID:**	M2669.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.15 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00038	0.00636	0.00038	1.2		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	110	84 - 118	
Dibromofluoromethane	106	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2765207	1143850 - 4575400	
Chlorobenzene-d5	2795514	1393807 - 5575228	
Fluorobenzene	5026373	2371446 - 9485782	

Comments:

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\J4648.D
Acq On : 3 Oct 2007 17:18
Sample : 0709160-016A
Misc : SAMP,8260SAF_CAL, 4.72G
MS Integration Params: RTEINT.P
Quant Time: Oct 4 7:02 2007

Vial: 13
Operator: ABM
Inst : #3MS10
Multiplr: 1.06

Quant Results File: J914AF31.RES

Quant Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:07 2007
Response via : Initial Calibration
DataAcq Meth : J914VOCS

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.22	96	4818694	50.00	ug/L	0.04
37) Chlorobenzene-d5	16.13	82	1690004	50.00	ug/L	0.00
50) 1,4-Dichlorobenzene-d4	20.20	152	1053018	50.00	ug/L	0.00
System Monitoring Compounds						
19) Dibromofluoromethane	10.00	113	1093799	52.00	ug/L	0.06
Spiked Amount 50.000			Recovery =	104.00%		
20) 1,2-Dichloroethane-d4	10.80	65	1369932	46.93	ug/L	0.04
Spiked Amount 50.000			Recovery =	93.86%		
32) Toluene-d8	13.63	98	4271172	49.49	ug/L	0.02
Spiked Amount 50.000			Recovery =	98.98%		
49) Bromofluorobenzene	18.19	95	1267092	49.61	ug/L	0.00
Spiked Amount 50.000			Recovery =	99.22%		
Target Compounds						Qvalue
5) Bromomethane	4.46	94	9173	0.51	ug/L	78
8) Acetone	7.26	43	31813m	5.98	ug/L	
10) Methylene chloride	7.13	84	111855	1.76	ug/L	96
33) Toluene	13.71	92	40785	0.60	ug/L	88
43) Chlorobenzene	16.16	112	206325	3.87	ug/L	98
44) Ethylbenzene	16.18	91	35961	0.81	ug/L	87
45) (m+p)-Xylene	16.42	106	24963	0.77	ug/L	90
55) n-Propylbenzene	18.41	91	18635	0.78	ug/L	91
60) 1,2,4-Trimethylbenzene	19.44	105	43760	0.89	ug/L	98
62) 1,3-Dichlorobenzene	20.06	146	21727	0.70	ug/L	98
64) 1,4-Dichlorobenzene	20.22	146	121022	3.78	ug/L	89
66) 1,2-Dichlorobenzene	21.00	146	176220	5.80	ug/L	98

ABM 10-4-07

IS 1-3 low PP

(#) = qualifier out of range (m) = manual integration

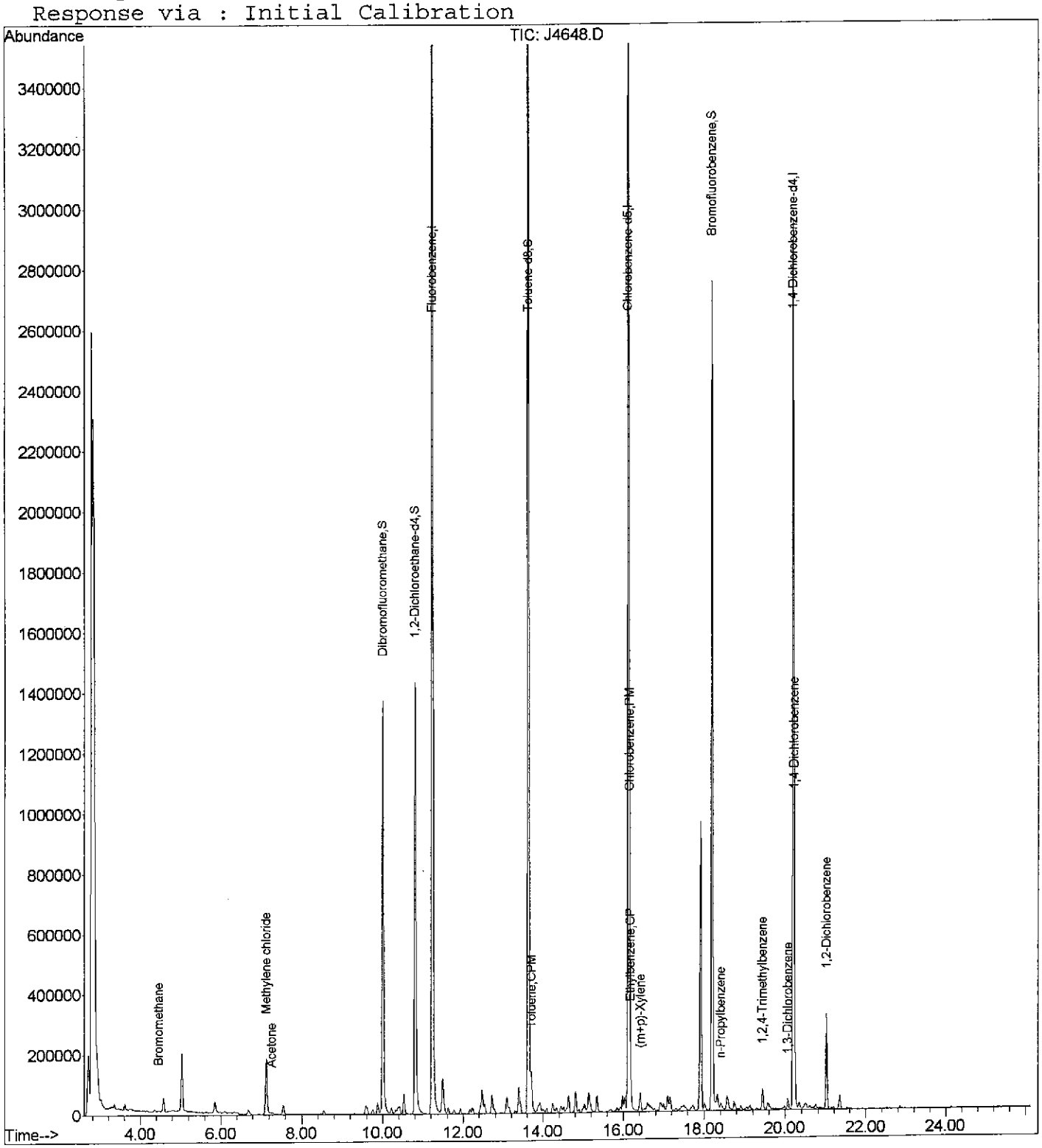
Quantitation Report

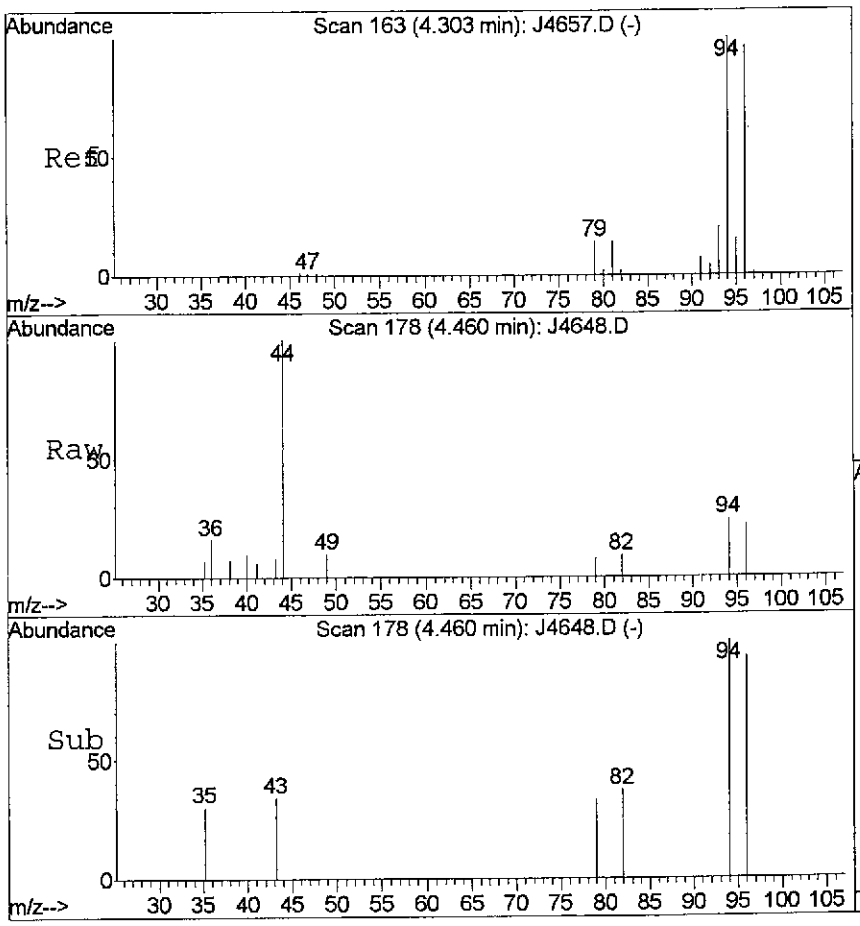
Data File : C:\HPCHEM\1\DATA\J4648.D
Acq On : 3 Oct 2007 17:18
Sample : 0709160-016A
Misc : SAMP,8260SAF_CAL, 4.72G
MS Integration Params: RTEINT.P
Quant Time: Oct 4 7:02 2007

Vial: 13
Operator: ABM
Inst : #3MS10
Multiplr: 1.06

Quant Results File: J914AF31.RES

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 08:31:43 2007
Response via : Initial Calibration

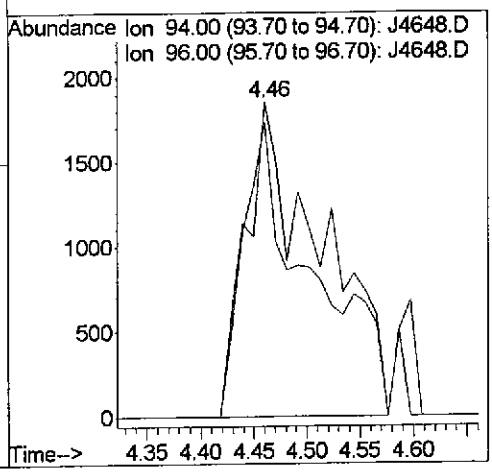


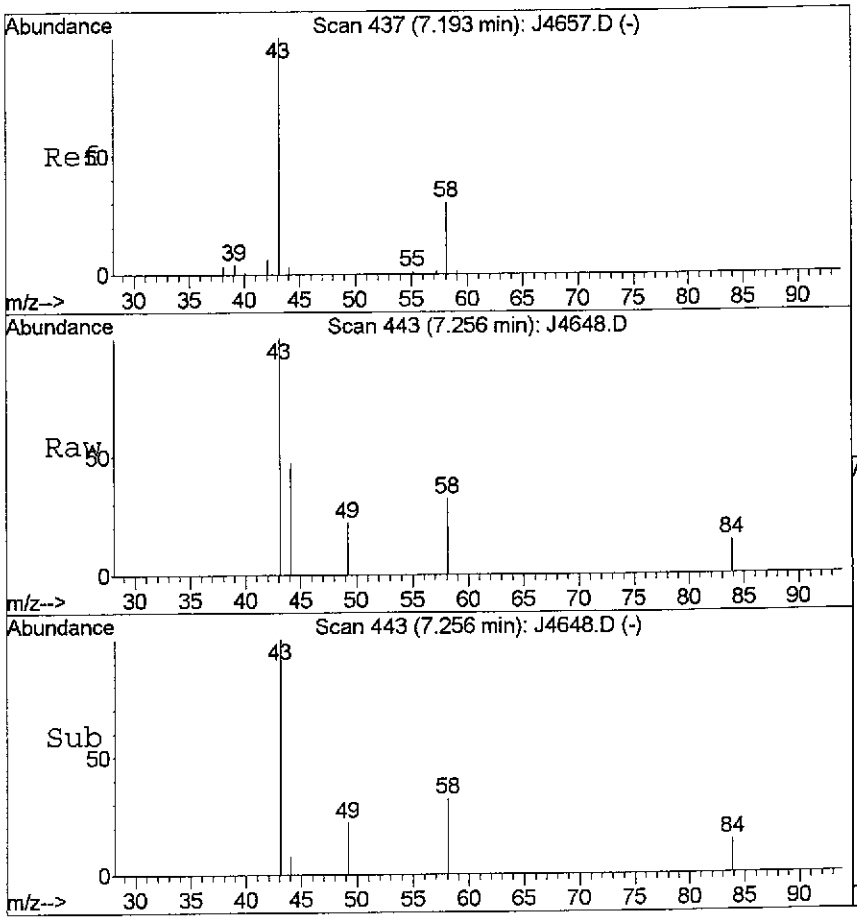


#5
Bromomethane
Concen: 0.51 ug/L
RT: 4.46 min Scan# 178
Delta R.T. 0.15 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion: 94 Resp: 9173

Ion	Ratio	Lower	Upper
94	100		
96	71.5	63.1	123.1

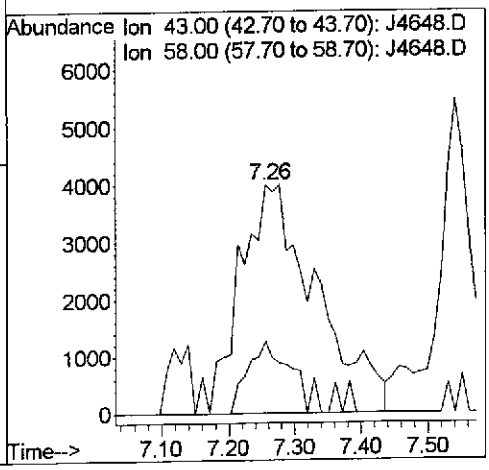




#8
Acetone
Concen: 5.98 ug/L m
RT: 7.26 min Scan# 443
Delta R.T. 0.10 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion: 43 Resp: 31813

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	30.0



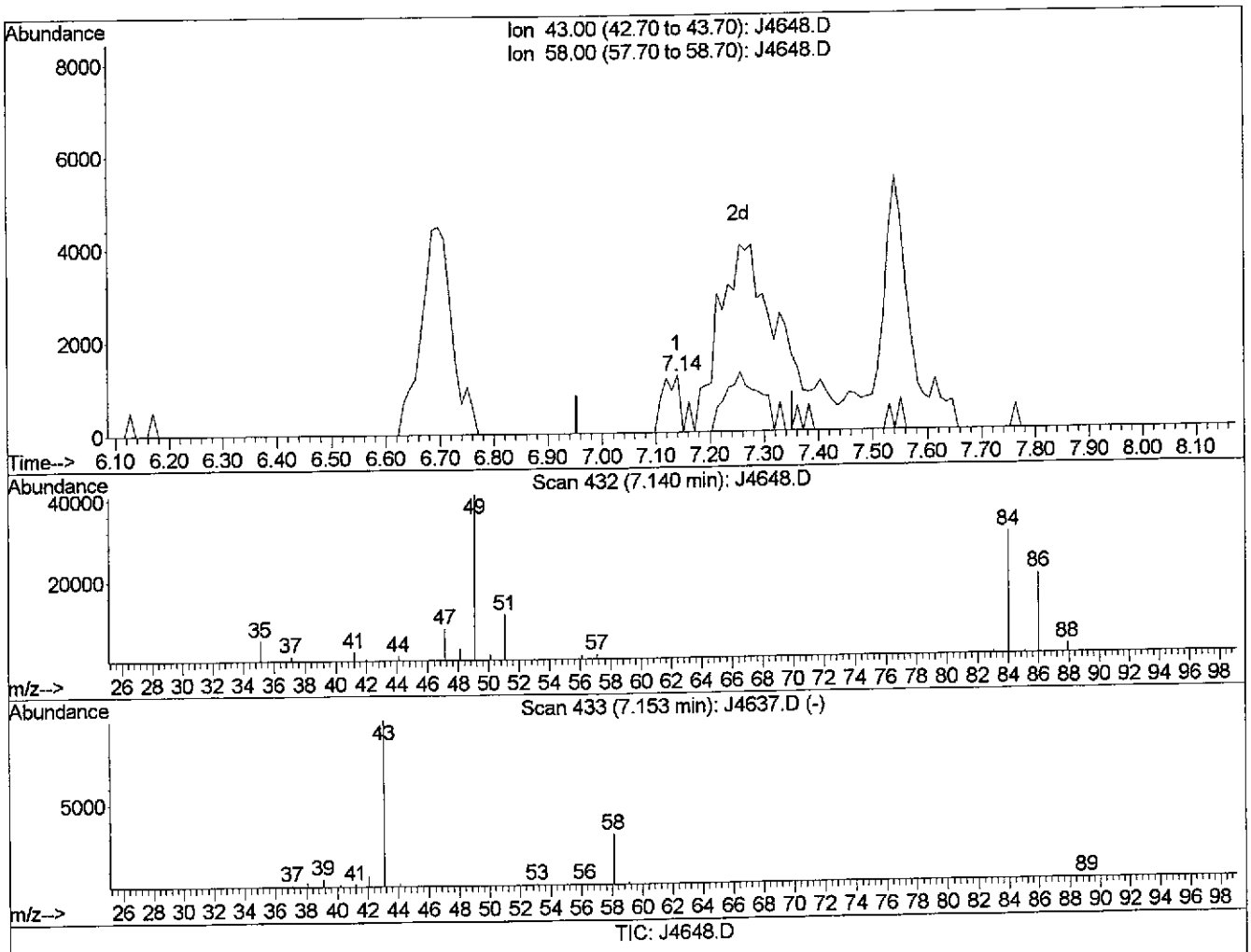
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\J4648.D
Acq On : 3 Oct 2007 17:18
Sample : 0709160-016A
Misc : SAMP,8260SAF_CAL, 4.72G
MS Integration Params: RTEINT.P
Quant Time: Oct 4 6:29 2007

Vial: 13
Operator: ABM
Inst : #3MS10
Multiplr: 1.06

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:07 2007
Response via : Multiple Level Calibration



TIC: J4648.D

(8) Acetone

7.14min 3.31ug/L

response 2964

Ion	Exp%	Act%
43.00	100	100
58.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Int. peak

ABM 10-4-07

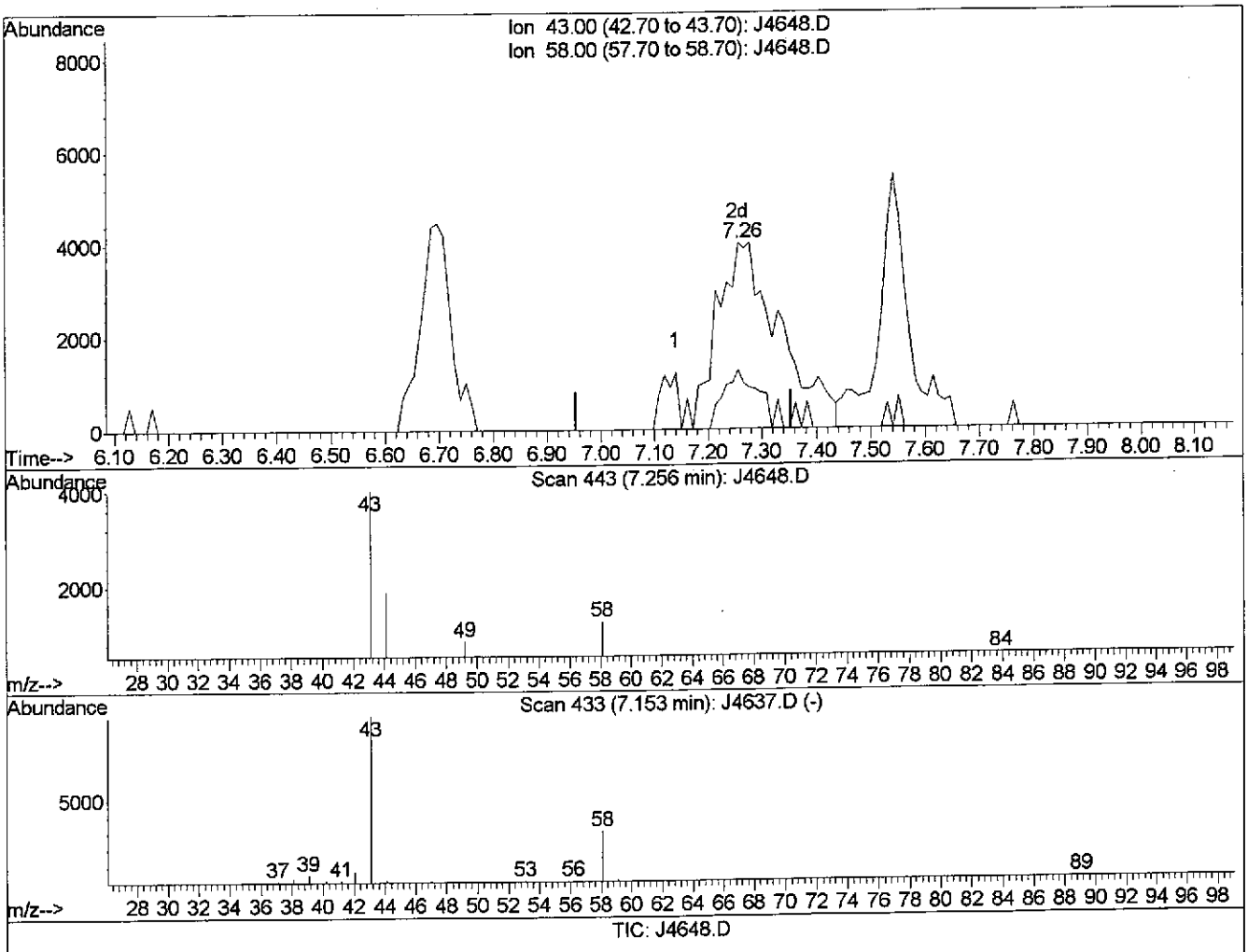
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\J4648.D
Acq On : 3 Oct 2007 17:18
Sample : 0709160-016A
Misc : SAMP,8260SAF_CAL, 4.72G
MS Integration Params: RTEINT.P
Quant Time: Oct 4 7:01 2007

Vial: 13
Operator: ABM
Inst : #3MS10
Multiplr: 1.06

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:07 2007
Response via : Multiple Level Calibration



TIC: J4648.D

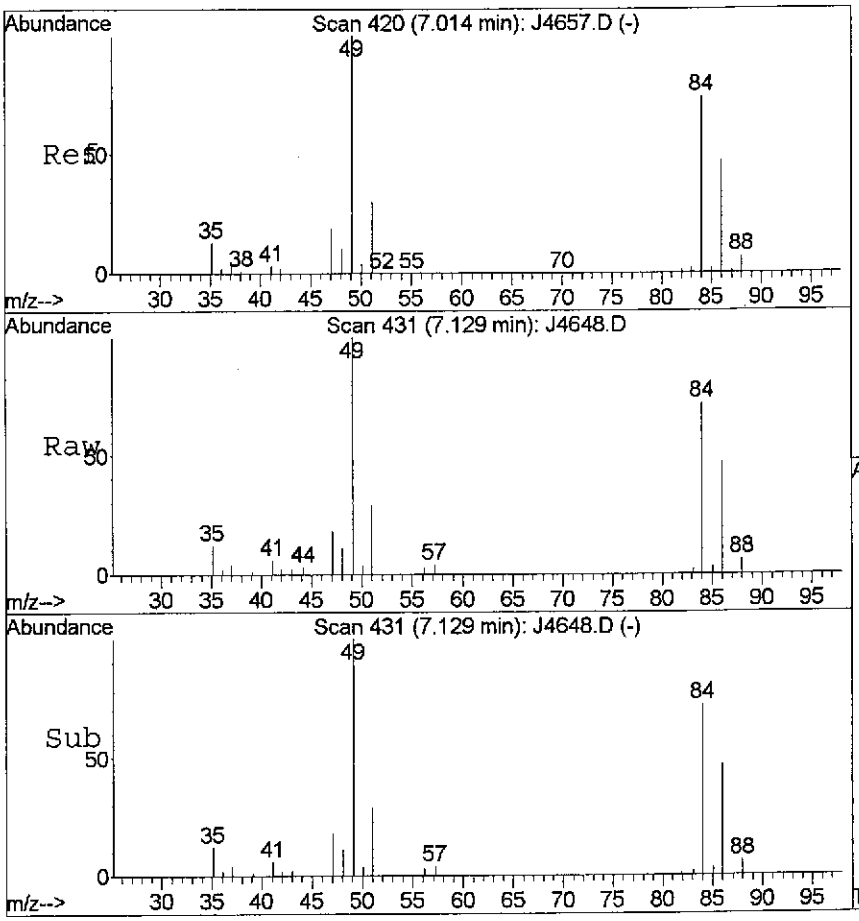
(8) Acetone

7.26min 5.98ug/L m

response 31813

Ion	Exp%	Act%
43.00	100	100
58.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

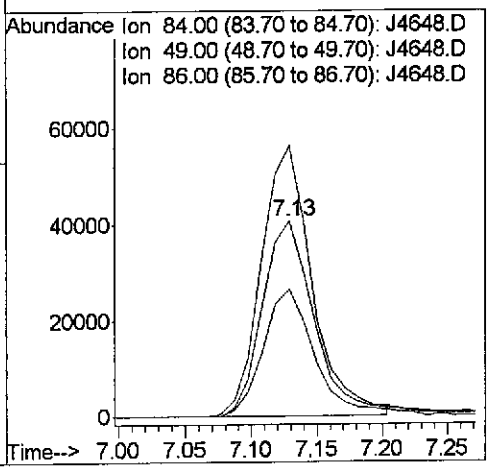
ABM 10-4-07

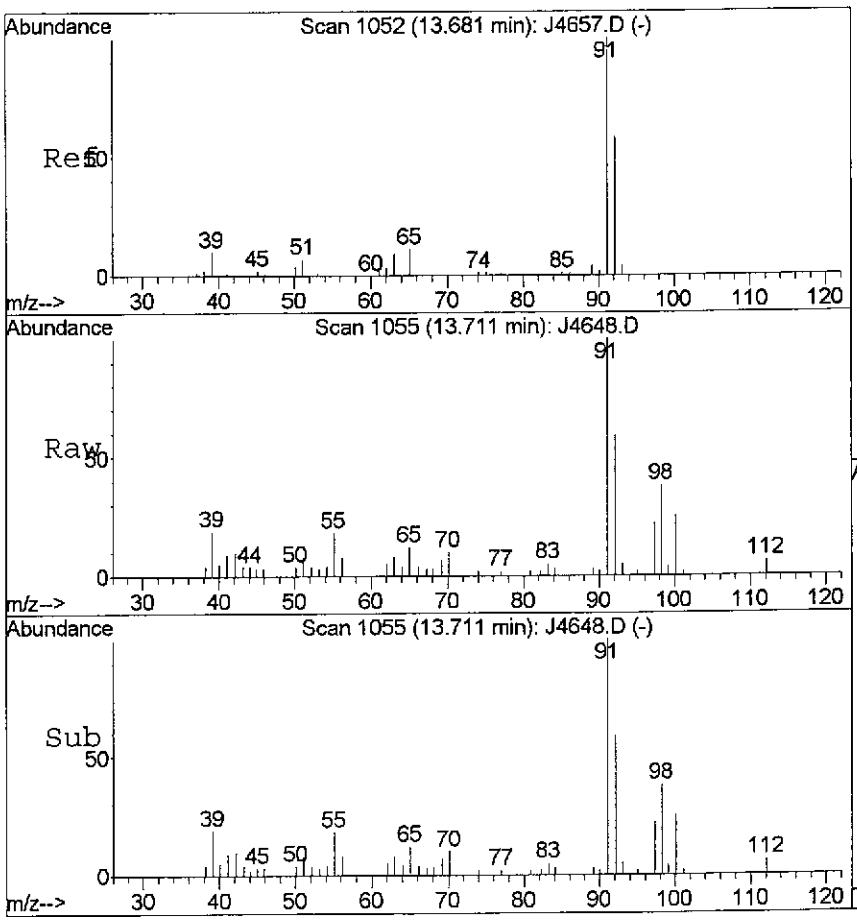


#10
Methylene chloride
Concen: 1.76 ug/L
RT: 7.13 min Scan# 431
Delta R.T. 0.11 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion: 84 Resp: 111855

Ion	Ratio	Lower	Upper
84	100		
49	136.2	112.4	172.4
86	64.2	33.9	93.9

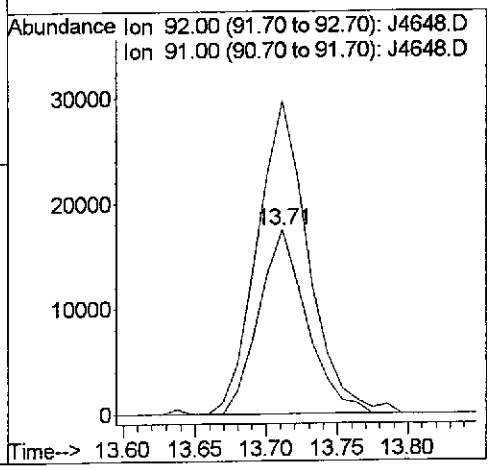


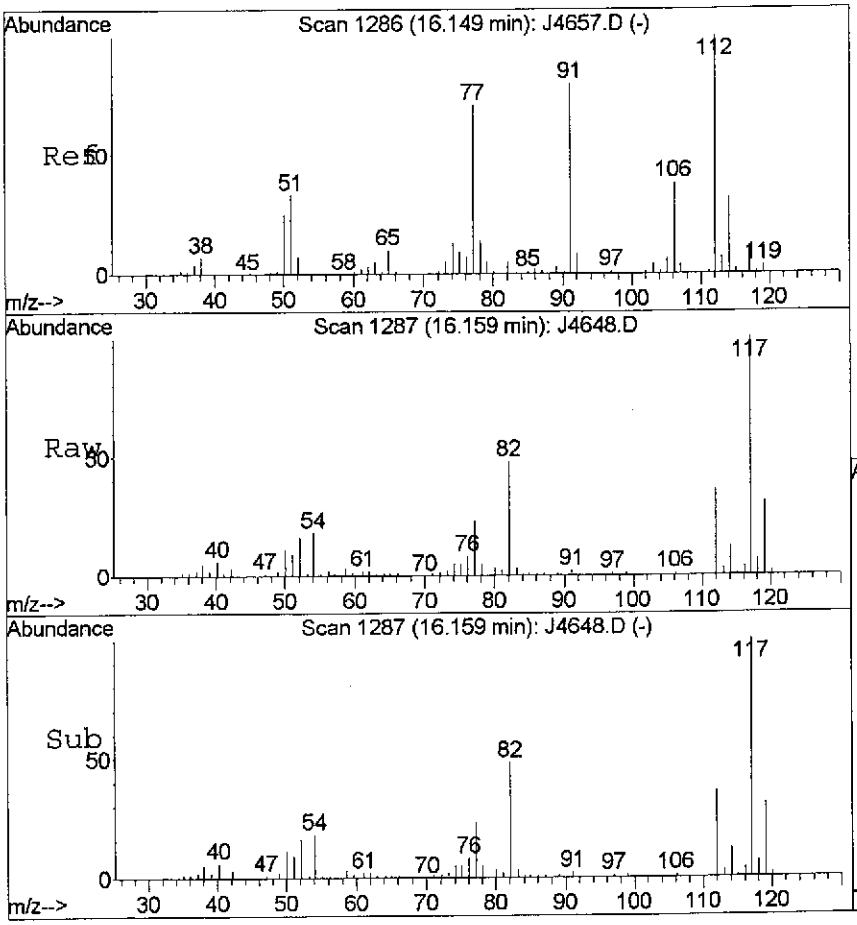


#33
Toluene
Concen: 0.60 ug/L
RT: 13.71 min Scan# 1055
Delta R.T. 0.03 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion: 92 Resp: 40785

Ion	Ratio	Lower	Upper
92	100		
91	181.7	136.2	196.2

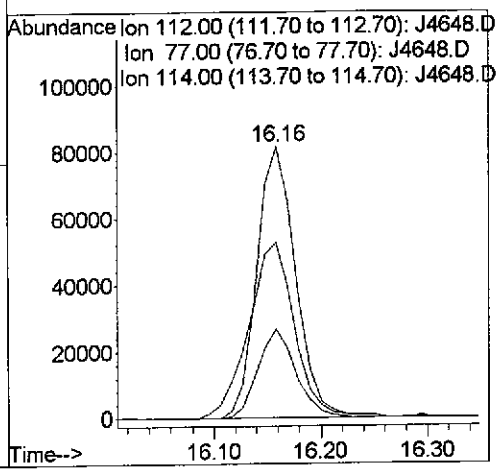


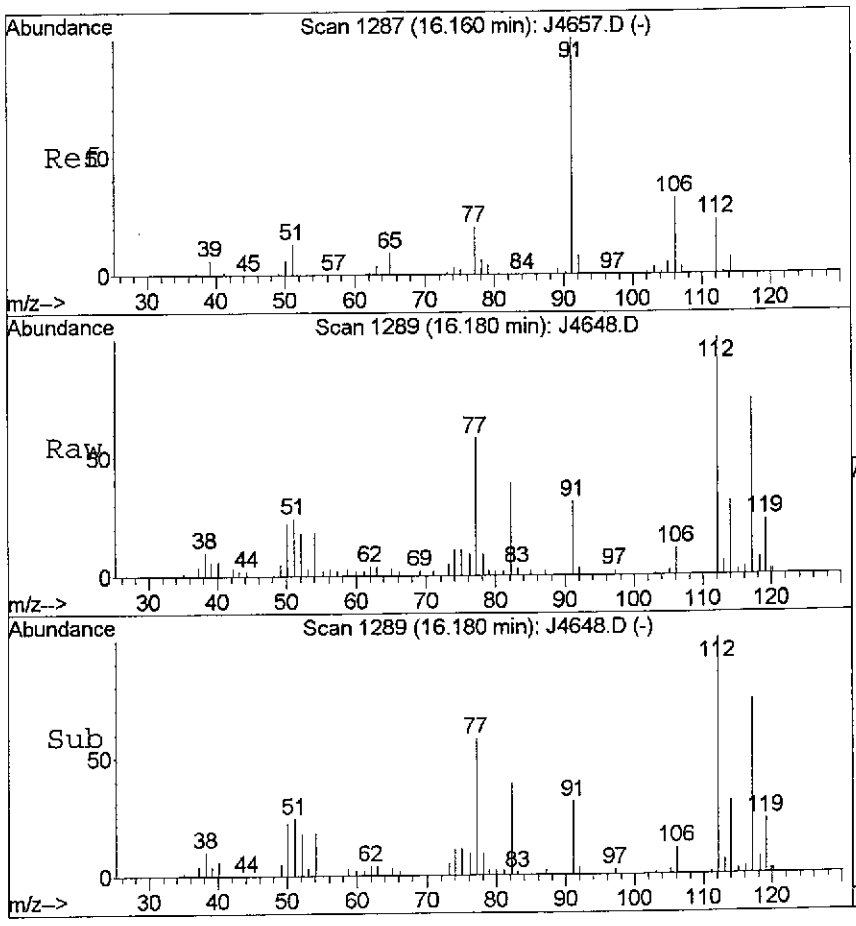


#43
Chlorobenzene
Concen: 3.87 ug/L
RT: 16.16 min Scan# 1287
Delta R.T. 0.01 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion:112 Resp: 206325

Ion	Ratio	Lower	Upper
112	100		
77	76.6	49.2	109.2
114	32.0	2.3	62.3

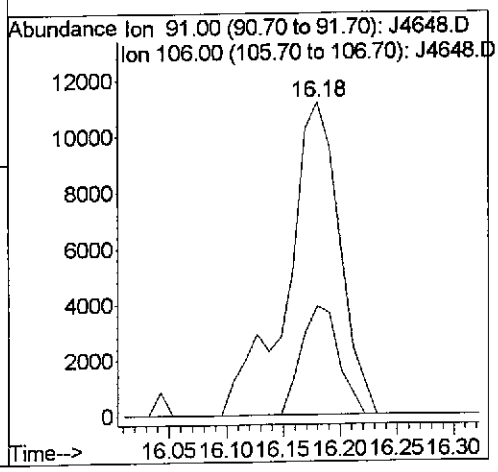




#44
Ethylbenzene
Concen: 0.81 ug/L
RT: 16.18 min Scan# 1289
Delta R.T. 0.02 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion: 91 Resp: 35961

Ion	Ratio	Lower	Upper
91	100		
106	24.8	2.3	62.3



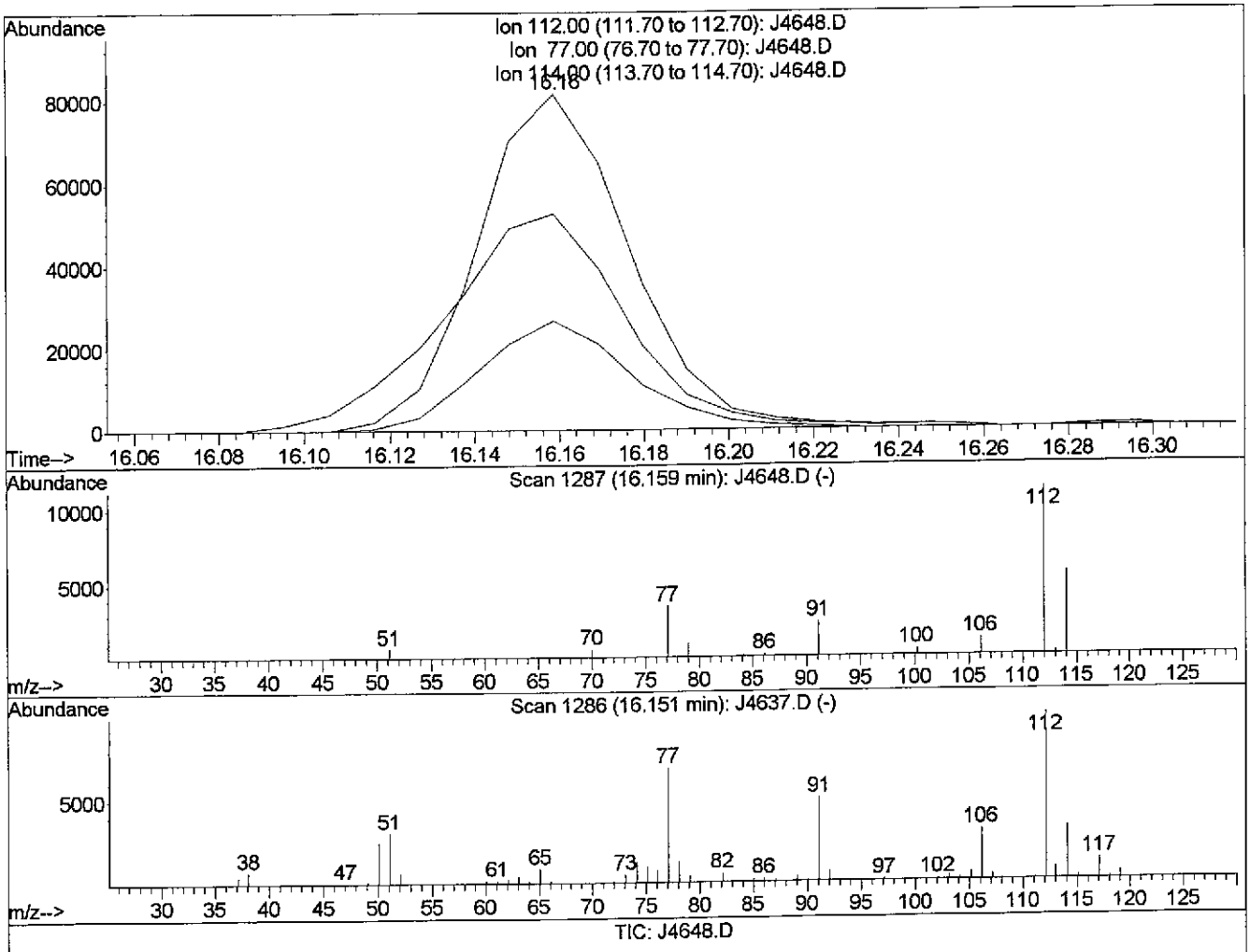
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\J4648.D
Acq On : 3 Oct 2007 17:18
Sample : 0709160-016A
Misc : SAMP,8260SAF_CAL, 4.72G
MS Integration Params: RTEINT.P
Quant Time: Oct 4 7:02 2007

Vial: 13
Operator: ABM
Inst : #3MS10
Multiplr: 1.06

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:07 2007
Response via : Multiple Level Calibration



(43) Chlorobenzene (PM)

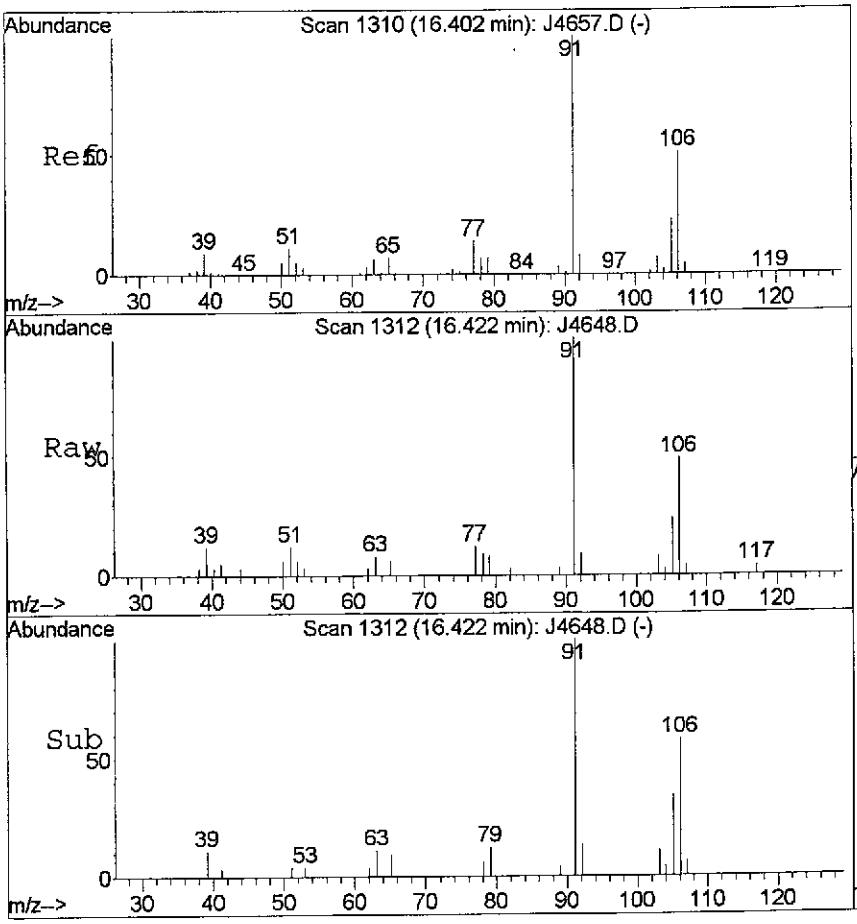
16.16min 3.87ug/L

response 206325

Ion	Exp%	Act%
112.00	100	100
77.00	79.20	76.56
114.00	32.30	31.95
0.00	0.00	0.00

MBS

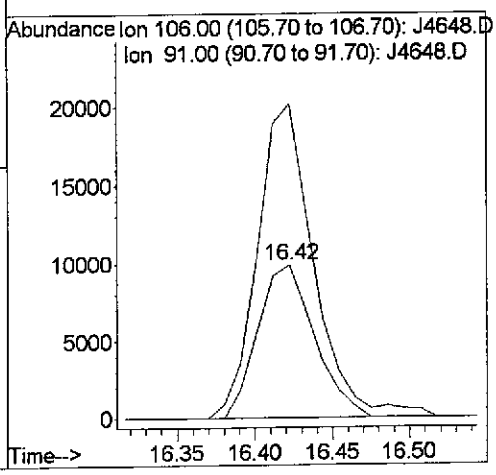
ABM 10-4-07

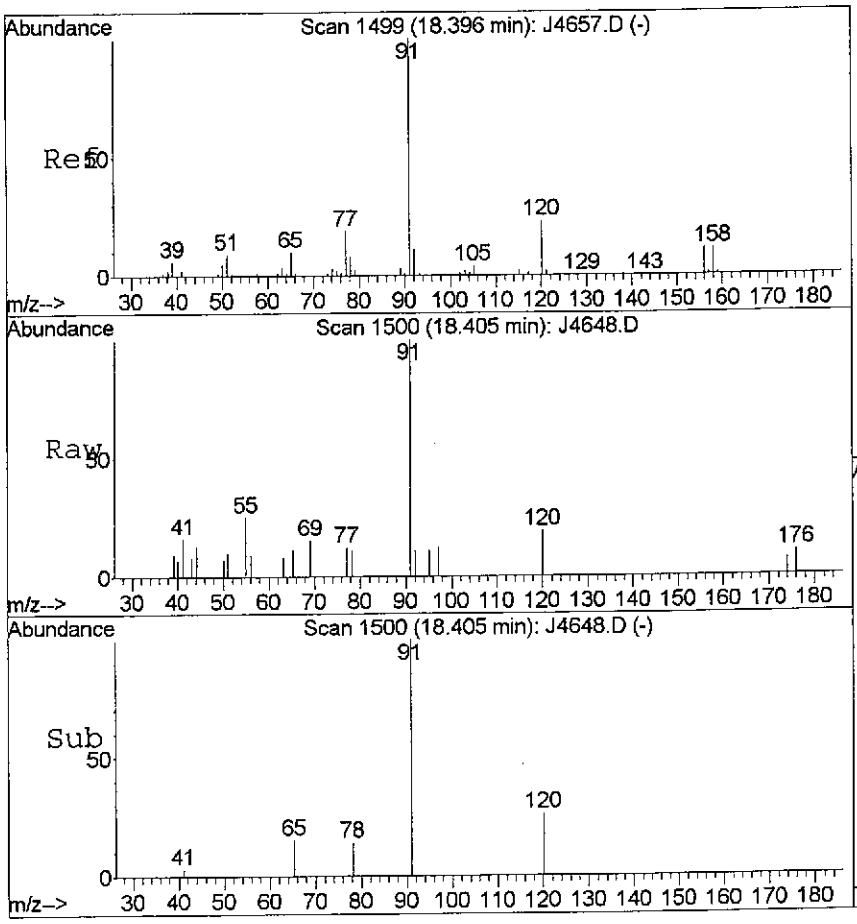


#45
(m+p)-Xylene
Concen: 0.77 ug/L
RT: 16.42 min Scan# 1312
Delta R.T. 0.02 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion:106 Resp: 24963

Ion	Ratio	Lower	Upper
106	100		
91	203.2	158.1	218.1

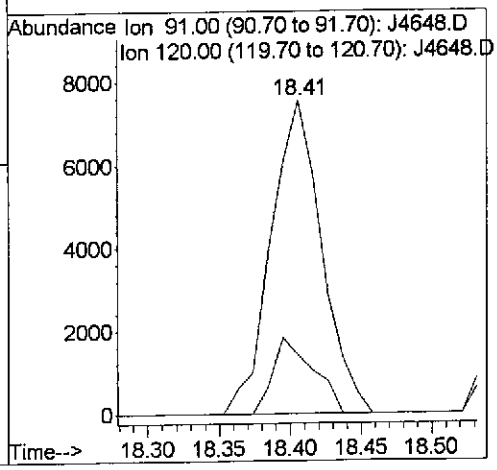


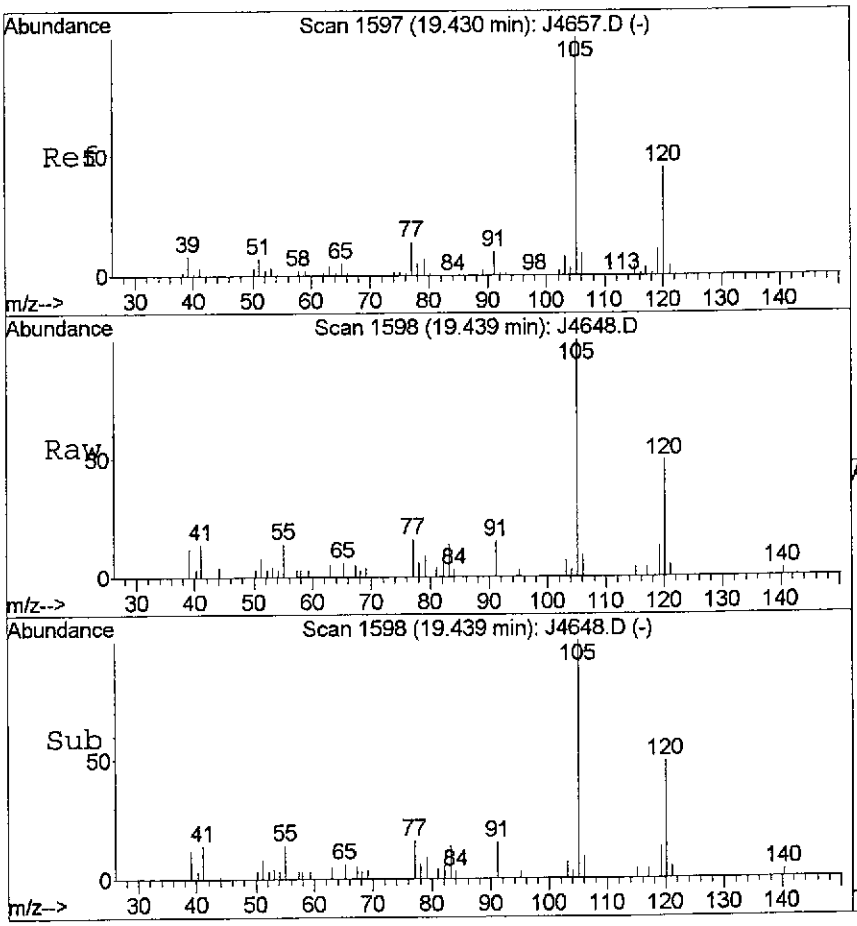


#55
n-Propylbenzene
Concen: 0.78 ug/L
RT: 18.41 min Scan# 1500
Delta R.T. 0.01 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion: 91 Resp: 18635

Ion	Ratio	Lower	Upper
91	100		
120	19.4	0.0	53.7

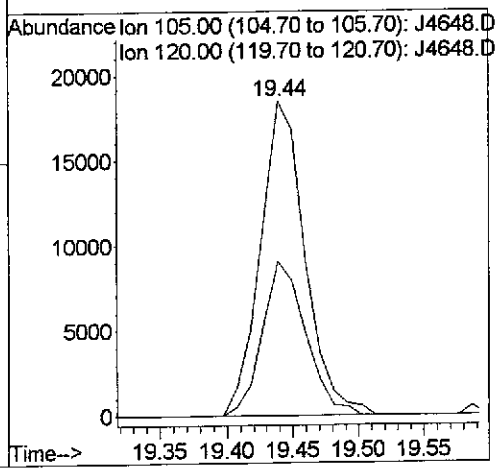


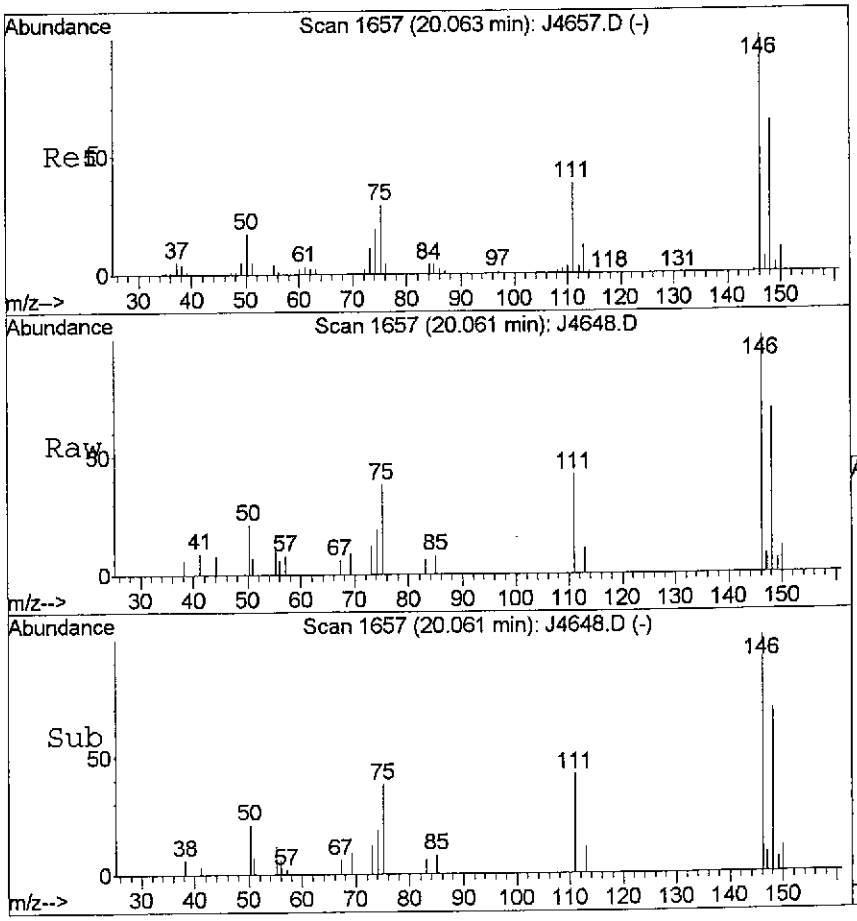


#60
1,2,4-Trimethylbenzene
Concen: 0.89 ug/L
RT: 19.44 min Scan# 1598
Delta R.T. -0.00 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion:105 Resp: 43760

Ion	Ratio	Lower	Upper
105	100		
120	47.7	16.3	76.3

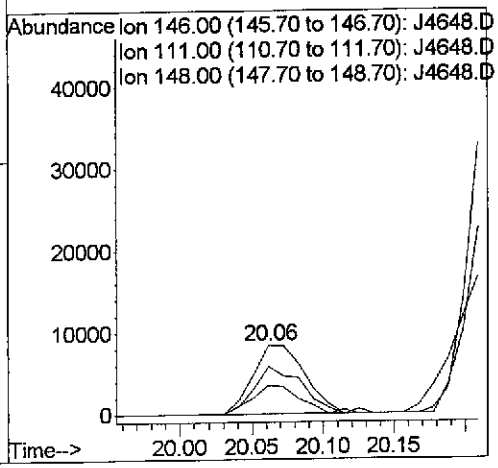


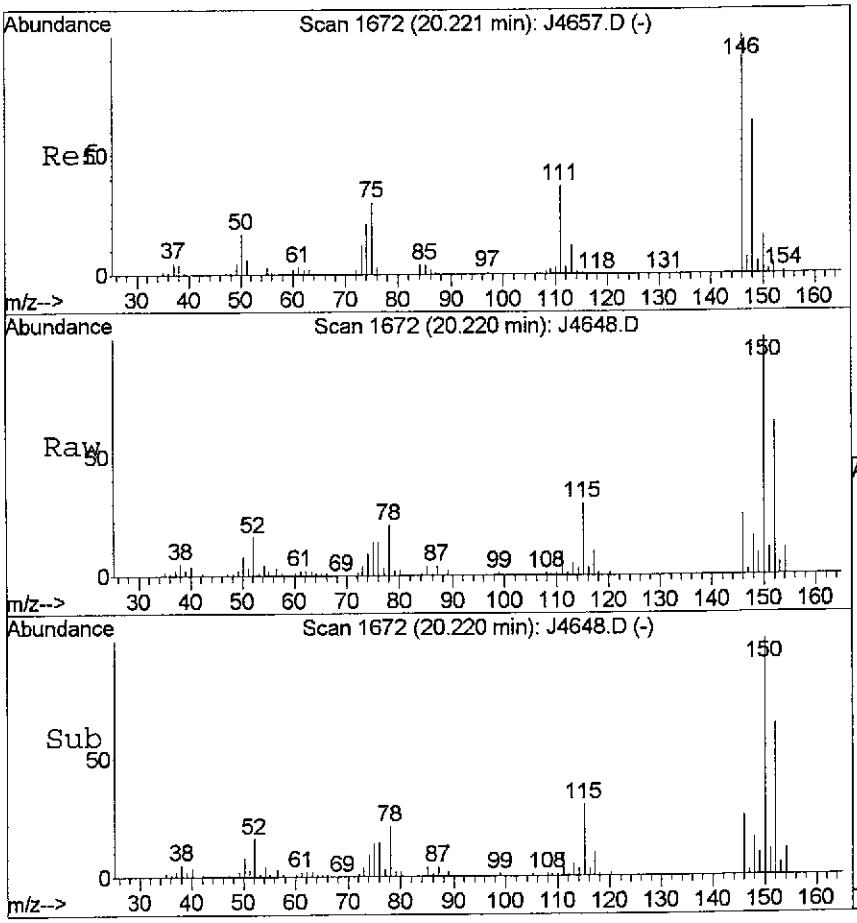


#62
1,3-Dichlorobenzene
Concen: 0.70 ug/L
RT: 20.06 min Scan# 1657
Delta R.T. -0.00 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion:146 Resp: 21727

Ion	Ratio	Lower	Upper
146	100		
111	38.7	10.1	70.1
148	62.5	34.4	94.4

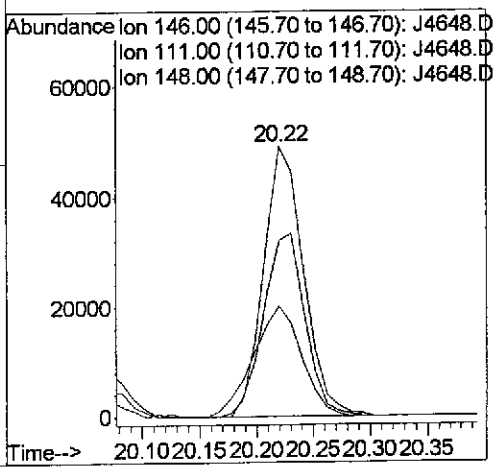


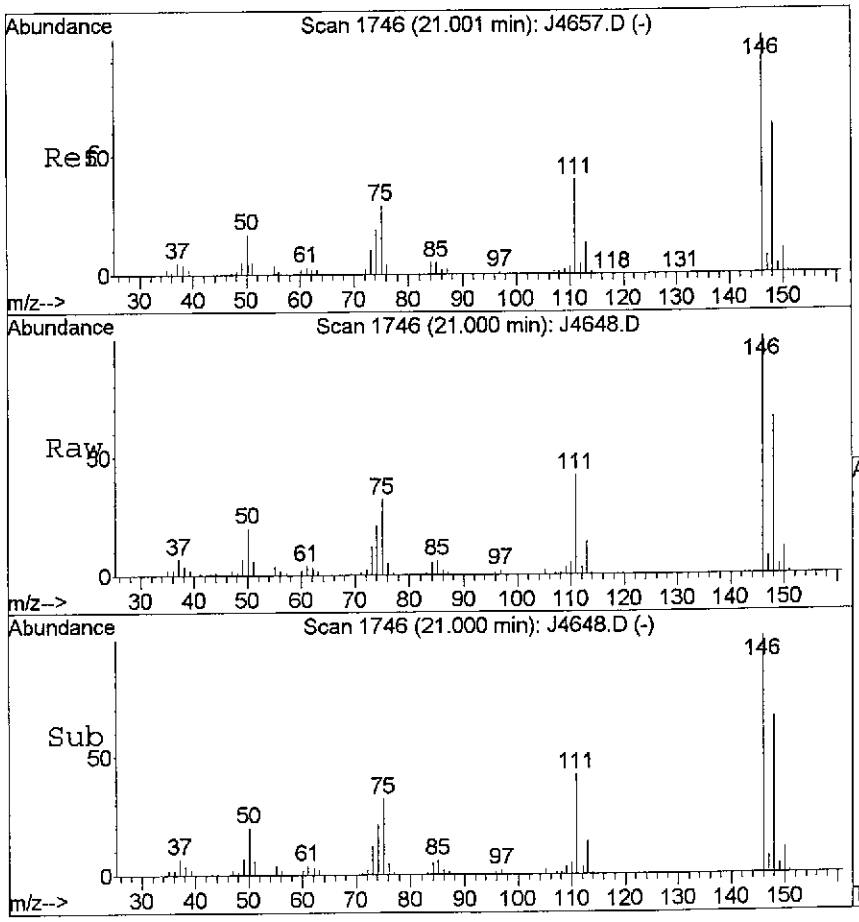


#64
1,4-Dichlorobenzene
Concen: 3.78 ug/L
RT: 20.22 min Scan# 1672
Delta R.T. -0.00 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion:146 Resp: 121022

Ion	Ratio	Lower	Upper
146	100		
111	49.4	9.2	69.2
148	70.1	34.5	94.5

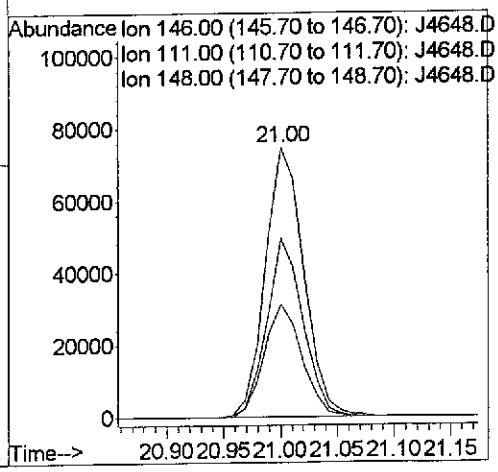




#66
1,2-Dichlorobenzene
Concen: 5.80 ug/L
RT: 21.00 min Scan# 1746
Delta R.T. -0.00 min
Lab File: J4648.D
Acq: 3 Oct 2007 17:18

Tgt Ion:146 Resp: 176220

Ion	Ratio	Lower	Upper
146	100		
111	41.2	11.5	71.5
148	62.2	34.2	94.2



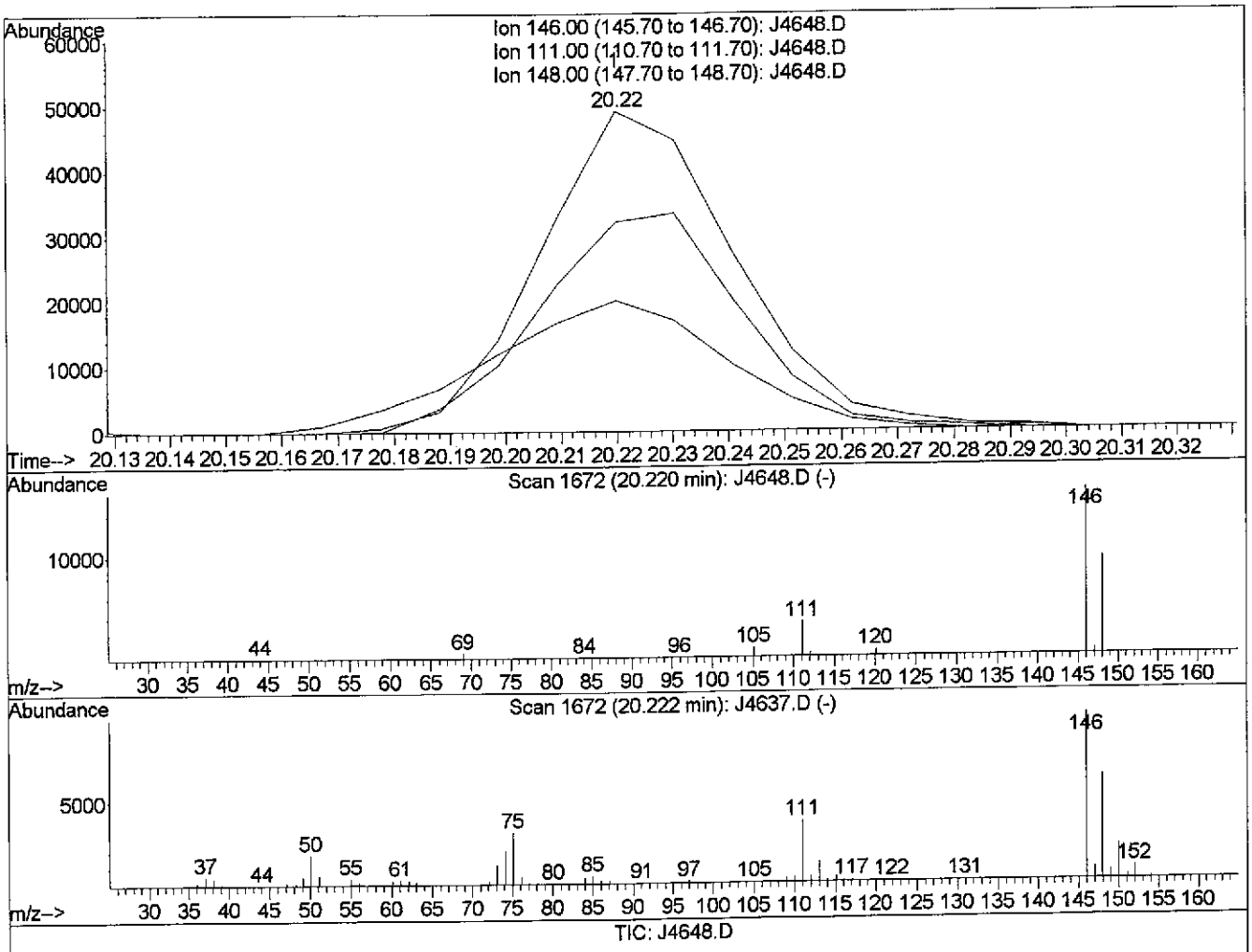
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\J4648.D
Acq On : 3 Oct 2007 17:18
Sample : 0709160-016A
Misc : SAMP,8260SAF_CAL, 4.72G
MS Integration Params: RTEINT.P
Quant Time: Oct 4 7:02 2007

Vial: 13
Operator: ABM
Inst : #3MS10
Multiplr: 1.06

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:07 2007
Response via : Multiple Level Calibration



(64) 1,4-Dichlorobenzene

20.22min 3.78ug/L

response 121022

Ion	Exp%	Act%
146.00	100	100
111.00	39.20	49.40
148.00	64.50	70.12
0.00	0.00	0.00

MB5
ABM 10-4-07

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-02	**Lab Sample ID:**	0709160-017A	**Matrix:**	Soil
% Solids:	91.20	**Initial Calibration ID:**	1056	**File ID:**	J4602.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.08 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00537	0.00490	0.98		F
1,1,1,2-Tetrachloroethane	0.00017	0.00322	0.00017	0.98		U
1,1,1-Trichloroethane	0.00015	0.00537	0.00015	0.98		U
1,1,2,2-Tetrachloroethane	0.00015	0.00322	0.00015	0.98		U
1,1,2-Trichloroethane	0.00027	0.00537	0.00027	0.98		U
1,1-Dichloroethane	0.00009	0.00537	0.00009	0.98		U
1,1-Dichloroethene	0.00016	0.00645	0.00016	0.98		U
1,1-Dichloropropene	0.00020	0.00537	0.00020	0.98		U
1,2,3-Trichlorobenzene	0.00044	0.00537	0.00044	0.98		U
1,2,3-Trichloropropane	0.00025	0.00537	0.00025	0.98		U
1,2,4-Trichlorobenzene	0.00035	0.00537	0.00035	0.98		U
1,2,4-Trimethylbenzene	0.00006	0.00645	0.0965	0.98		
1,2-Dibromo-3-chloropropane	0.00033	0.0107	0.00033	0.98		U
1,2-Dibromoethane	0.00009	0.00537	0.00009	0.98		U
1,2-Dichlorobenzene	0.00006	0.00537	0.00176	0.98		F
1,2-Dichloroethane	0.00012	0.00322	0.00012	0.98		U
1,2-Dichloropropane	0.00024	0.00537	0.00024	0.98		U
1,3,5-Trimethylbenzene	0.00009	0.00537	0.0397	0.98		
1,3-Dichlorobenzene	0.00012	0.00645	0.00175	0.98		F
1,3-Dichloropropane	0.00010	0.00269	0.00010	0.98		U
1,4-Dichlorobenzene	0.00006	0.00269	0.0405	0.98		
1-Chlorohexane	0.00017	0.00537	0.00017	0.98		U
2,2-Dichloropropane	0.00014	0.00537	0.00014	0.98		U
2-Butanone	0.00045	0.0215	0.00045	0.98		U
2-Chlorotoluene	0.00004	0.00537	0.00004	0.98		U
4-Chlorotoluene	0.00008	0.00537	0.00008	0.98		U
4-Methyl-2-pentanone	0.00034	0.0215	0.00034	0.98		U
Acetone	0.00032	0.0537	0.0260	0.98		F
Benzene	0.00005	0.00269	0.00140	0.98		F
Bromobenzene	0.00016	0.00537	0.00016	0.98		U
Bromochloromethane	0.00021	0.00537	0.00021	0.98		U
Bromodichloromethane	0.00006	0.00269	0.00006	0.98		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-02	**Lab Sample ID:**	0709160-017A	**Matrix:**	Soil
% Solids:	91.20	**Initial Calibration ID:**	1056	**File ID:**	J4602.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.08 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00645	0.00018	0.98		U
Bromomethane	0.00014	0.0107	0.000709	0.98		F
Carbon tetrachloride	0.00013	0.00537	0.00013	0.98		U
Chlorobenzene	0.00008	0.00269	0.268	0.98		J
Chloroethane	0.00027	0.00537	0.00027	0.98		U
Chloroform	0.00008	0.00269	0.00008	0.98		U
Chloromethane	0.00033	0.00537	0.00033	0.98		UQ
cis-1,2-Dichloroethene	0.00017	0.00537	0.00017	0.98		U
cis-1,3-Dichloropropene	0.00010	0.00322	0.00010	0.98		U
Dibromochloromethane	0.00008	0.00322	0.00008	0.98		U
Dibromomethane	0.00013	0.00537	0.00013	0.98		U
Dichlorodifluoromethane	0.00009	0.00537	0.00009	0.98		U
Ethylbenzene	0.00014	0.00537	0.00178	0.98		F
Hexachlorobutadiene	0.00041	0.00322	0.00041	0.98		U
Isopropylbenzene	0.00005	0.00537	0.00249	0.98		F
Methyl tert-butyl ether	0.00014	0.0215	0.00014	0.98		U
Methylene chloride	0.00064	0.00537	0.00487	0.98		F
n-Butylbenzene	0.00014	0.00537	0.00366	0.98		F
n-Propylbenzene	0.00003	0.00537	0.00313	0.98		F
Naphthalene	0.00023	0.00537	0.0391	0.98		
o-Xylene	0.00018	0.00537	0.000570	0.98		F
p-Isopropyltoluene	0.00018	0.00645	0.00276	0.98		F
sec-Butylbenzene	0.00005	0.00537	0.00282	0.98		F
Styrene	0.00013	0.00537	0.00013	0.98		U
tert-Butylbenzene	0.00009	0.00537	0.000838	0.98		F
Tetrachloroethene	0.00012	0.00537	0.00012	0.98		U
Toluene	0.00005	0.00537	0.00111	0.98		F
trans-1,2-Dichloroethene	0.00013	0.00537	0.00013	0.98		U
trans-1,3-Dichloropropene	0.00016	0.00537	0.00016	0.98		U
Trichloroethene	0.00013	0.00537	0.000849	0.98		F
Trichlorofluoromethane	0.00009	0.00537	0.00009	0.98		U
Vinyl chloride	0.00014	0.00537	0.00014	0.98		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-02	**Lab Sample ID:**	0709160-017A	**Matrix:**	Soil
% Solids:	91.20	**Initial Calibration ID:**	1056	**File ID:**	J4602.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.08 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00032	0.00537	0.00547	0.98		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	93	84 - 118	
Dibromofluoromethane	110	65 - 135	
Toluene-d8	114	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1934357	1061351 - 4245404	
Chlorobenzene-d5	3005114	1422324 - 5689294	
Fluorobenzene	5421541	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-02 DL	**Lab Sample ID:**	0709160-017ADL	**Matrix:**	Soil
% Solids:	91.20	**Initial Calibration ID:**	1056	**File ID:**	J4625.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2.5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00029	0.0110	0.00029	2		U
1,1,1,2-Tetrachloroethane	0.00035	0.00658	0.00035	2		U
1,1,1-Trichloroethane	0.00031	0.0110	0.00031	2		U
1,1,2,2-Tetrachloroethane	0.00031	0.00658	0.00031	2		UQ
1,1,2-Trichloroethane	0.00055	0.0110	0.00055	2		U
1,1-Dichloroethane	0.00018	0.0110	0.00018	2		U
1,1-Dichloroethene	0.00033	0.0132	0.00033	2		U
1,1-Dichloropropene	0.00042	0.0110	0.00042	2		U
1,2,3-Trichlorobenzene	0.00090	0.0110	0.00090	2		UQ
1,2,3-Trichloropropane	0.00050	0.0110	0.00050	2		UQ
1,2,4-Trichlorobenzene	0.00072	0.0110	0.00072	2		UQ
1,2,4-Trimethylbenzene	0.00013	0.0132	0.0382	2		Q
1,2-Dibromo-3-chloropropane	0.00068	0.0219	0.00068	2		UQ
1,2-Dibromoethane	0.00018	0.0110	0.00018	2		U
1,2-Dichlorobenzene	0.00013	0.0110	0.00294	2		FQ
1,2-Dichloroethane	0.00024	0.00658	0.00024	2		U
1,2-Dichloropropane	0.00048	0.0110	0.00048	2		U
1,3,5-Trimethylbenzene	0.00018	0.0110	0.0129	2		Q
1,3-Dichlorobenzene	0.00024	0.0132	0.00230	2		FQ
1,3-Dichloropropane	0.00020	0.00548	0.00020	2		U
1,4-Dichlorobenzene	0.00013	0.00548	0.0500	2		Q
1-Chlorohexane	0.00035	0.0110	0.00035	2		U
2,2-Dichloropropane	0.00029	0.0110	0.00029	2		U
2-Butanone	0.00092	0.0439	0.00092	2		U
2-Chlorotoluene	0.00009	0.0110	0.00009	2		UQ
4-Chlorotoluene	0.00015	0.0110	0.00015	2		UQ
4-Methyl-2-pentanone	0.00070	0.0439	0.00070	2		U
Acetone	0.00066	0.110	0.0340	2		F
Benzene	0.00011	0.00548	0.00011	2		U
Bromobenzene	0.00033	0.0110	0.00033	2		UQ
Bromochloromethane	0.00044	0.0110	0.00044	2		U
Bromodichloromethane	0.00013	0.00548	0.00013	2		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-02 DL	**Lab Sample ID:**	0709160-017ADL	**Matrix:**	Soil
% Solids:	91.20	**Initial Calibration ID:**	1056	**File ID:**	J4625.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2.5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00037	0.0132	0.00037	2		U
Bromomethane	0.00029	0.0219	0.00029	2		U
Carbon tetrachloride	0.00026	0.0110	0.00026	2		U
Chlorobenzene	0.00015	0.00548	0.200	2		
Chloroethane	0.00055	0.0110	0.00055	2		U
Chloroform	0.00015	0.00548	0.00015	2		U
Chloromethane	0.00068	0.0110	0.00068	2		U
cis-1,2-Dichloroethene	0.00035	0.0110	0.00035	2		U
cis-1,3-Dichloropropene	0.00020	0.00658	0.00020	2		U
Dibromochloromethane	0.00015	0.00658	0.00015	2		U
Dibromomethane	0.00026	0.0110	0.00026	2		U
Dichlorodifluoromethane	0.00018	0.0110	0.00018	2		U
Ethylbenzene	0.00029	0.0110	0.00029	2		U
Hexachlorobutadiene	0.00083	0.00658	0.00083	2		UQ
Isopropylbenzene	0.00011	0.0110	0.00208	2		FQ
Methyl tert-butyl ether	0.00029	0.0439	0.00029	2		U
Methylene chloride	0.00132	0.0110	0.00132	2		U
n-Butylbenzene	0.00029	0.0110	0.00583	2		FQ
n-Propylbenzene	0.00007	0.0110	0.00274	2		FQ
Naphthalene	0.00046	0.0110	0.0241	2		Q
o-Xylene	0.00037	0.0110	0.00037	2		U
p-Isopropyltoluene	0.00037	0.0132	0.00037	2		UQ
sec-Butylbenzene	0.00011	0.0110	0.00298	2		FQ
Styrene	0.00026	0.0110	0.00026	2		UQ
tert-Butylbenzene	0.00018	0.0110	0.00018	2		UQ
Tetrachloroethene	0.00024	0.0110	0.00024	2		U
Toluene	0.00011	0.0110	0.00011	2		U
trans-1,2-Dichloroethene	0.00026	0.0110	0.00026	2		U
trans-1,3-Dichloropropene	0.00033	0.0110	0.00033	2		U
Trichloroethene	0.00026	0.0110	0.00026	2		U
Trichlorofluoromethane	0.00018	0.0110	0.00018	2		U
Vinyl chloride	0.00029	0.0110	0.00029	2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-02 DL	**Lab Sample ID:**	0709160-017ADL	**Matrix:**	Soil
% Solids:	91.20	**Initial Calibration ID:**	1056	**File ID:**	J4625.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2.5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00066	0.0110	0.00066	2		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1022277	1061351 - 4245404	*
Chlorobenzene-d5	1550529	1422324 - 5689294	
Fluorobenzene	3684855	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-03	**Lab Sample ID:**	0709160-018A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	1056	**File ID:**	J4603.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00556	0.00125	0.95		F
1,1,1,2-Tetrachloroethane	0.00018	0.00334	0.00018	0.95		U
1,1,1-Trichloroethane	0.00016	0.00556	0.00016	0.95		U
1,1,2,2-Tetrachloroethane	0.00016	0.00334	0.00016	0.95		U
1,1,2-Trichloroethane	0.00028	0.00556	0.00028	0.95		U
1,1-Dichloroethane	0.00009	0.00556	0.00009	0.95		U
1,1-Dichloroethene	0.00017	0.00667	0.00017	0.95		U
1,1-Dichloropropene	0.00021	0.00556	0.00021	0.95		U
1,2,3-Trichlorobenzene	0.00046	0.00556	0.00046	0.95		U
1,2,3-Trichloropropane	0.00026	0.00556	0.00026	0.95		U
1,2,4-Trichlorobenzene	0.00037	0.00556	0.00037	0.95		U
1,2,4-Trimethylbenzene	0.00007	0.00667	0.00122	0.95		F
1,2-Dibromo-3-chloropropane	0.00034	0.0111	0.00034	0.95		U
1,2-Dibromoethane	0.00009	0.00556	0.00009	0.95		U
1,2-Dichlorobenzene	0.00007	0.00556	0.00442	0.95		F
1,2-Dichloroethane	0.00012	0.00334	0.00012	0.95		U
1,2-Dichloropropane	0.00024	0.00556	0.00024	0.95		U
1,3,5-Trimethylbenzene	0.00009	0.00556	0.00009	0.95		U
1,3-Dichlorobenzene	0.00012	0.00667	0.00170	0.95		F
1,3-Dichloropropane	0.00010	0.00278	0.00010	0.95		U
1,4-Dichlorobenzene	0.00007	0.00278	0.0497	0.95		
1-Chlorohexane	0.00018	0.00556	0.00018	0.95		U
2,2-Dichloropropane	0.00014	0.00556	0.00014	0.95		U
2-Butanone	0.00047	0.0222	0.00047	0.95		U
2-Chlorotoluene	0.00004	0.00556	0.00004	0.95		U
4-Chlorotoluene	0.00008	0.00556	0.00008	0.95		U
4-Methyl-2-pentanone	0.00036	0.0222	0.00036	0.95		U
Acetone	0.00033	0.0556	0.00912	0.95		F
Benzene	0.00006	0.00278	0.00006	0.95		U
Bromobenzene	0.00017	0.00556	0.00017	0.95		U
Bromochloromethane	0.00022	0.00556	0.00022	0.95		U
Bromodichloromethane	0.00007	0.00278	0.00007	0.95		U

Comments:

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RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-03	**Lab Sample ID:**	0709160-018A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	1056	**File ID:**	J4603.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00667	0.00019	0.95		U
Bromomethane	0.00014	0.0111	0.00014	0.95		U
Carbon tetrachloride	0.00013	0.00556	0.00013	0.95		U
Chlorobenzene	0.00008	0.00278	0.156	0.95		
Chloroethane	0.00028	0.00556	0.00028	0.95		U
Chloroform	0.00008	0.00278	0.00008	0.95		U
Chloromethane	0.00034	0.00556	0.00034	0.95		UQ
cis-1,2-Dichloroethene	0.00018	0.00556	0.00018	0.95		U
cis-1,3-Dichloropropene	0.00010	0.00334	0.00010	0.95		U
Dibromochloromethane	0.00008	0.00334	0.00008	0.95		U
Dibromomethane	0.00013	0.00556	0.00013	0.95		U
Dichlorodifluoromethane	0.00009	0.00556	0.00009	0.95		U
Ethylbenzene	0.00014	0.00556	0.00116	0.95		F
Hexachlorobutadiene	0.00042	0.00334	0.00042	0.95		U
Isopropylbenzene	0.00006	0.00556	0.00176	0.95		F
Methyl tert-butyl ether	0.00014	0.0222	0.00014	0.95		U
Methylene chloride	0.00067	0.00556	0.00100	0.95		F
n-Butylbenzene	0.00014	0.00556	0.00190	0.95		F
n-Propylbenzene	0.00003	0.00556	0.00108	0.95		F
Naphthalene	0.00023	0.00556	0.00221	0.95		F
o-Xylene	0.00019	0.00556	0.00019	0.95		U
p-Isopropyltoluene	0.00019	0.00667	0.00019	0.95		U
sec-Butylbenzene	0.00006	0.00556	0.00133	0.95		F
Styrene	0.00013	0.00556	0.00013	0.95		U
tert-Butylbenzene	0.00009	0.00556	0.00009	0.95		U
Tetrachloroethene	0.00012	0.00556	0.00012	0.95		U
Toluene	0.00006	0.00556	0.000834	0.95		F
trans-1,2-Dichloroethene	0.00013	0.00556	0.00013	0.95		U
trans-1,3-Dichloropropene	0.00017	0.00556	0.00017	0.95		U
Trichloroethene	0.00013	0.00556	0.00013	0.95		U
Trichlorofluoromethane	0.00009	0.00556	0.00009	0.95		U
Vinyl chloride	0.00014	0.00556	0.00014	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB26-03	**Lab Sample ID:**	0709160-018A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	1056	**File ID:**	J4603.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.26 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00556	0.00125	0.95		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	94	84 - 118	
Dibromofluoromethane	104	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2129999	1061351 - 4245404	
Chlorobenzene-d5	3411417	1422324 - 5689294	
Fluorobenzene	7467284	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-01	**Lab Sample ID:**	0709160-019A	**Matrix:**	Soil
% Solids:	93.30	**Initial Calibration ID:**	1056	**File ID:**	J4623.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00013	0.00509	0.00013	0.95		U
1,1,1,2-Tetrachloroethane	0.00016	0.00305	0.00016	0.95		U
1,1,1-Trichloroethane	0.00014	0.00509	0.00014	0.95		U
1,1,2,2-Tetrachloroethane	0.00014	0.00305	0.00014	0.95		U
1,1,2-Trichloroethane	0.00025	0.00509	0.00025	0.95		U
1,1-Dichloroethane	0.00008	0.00509	0.00008	0.95		U
1,1-Dichloroethene	0.00015	0.00611	0.00015	0.95		U
1,1-Dichloropropene	0.00019	0.00509	0.00019	0.95		U
1,2,3-Trichlorobenzene	0.00042	0.00509	0.00042	0.95		U
1,2,3-Trichloropropane	0.00023	0.00509	0.00023	0.95		U
1,2,4-Trichlorobenzene	0.00034	0.00509	0.00034	0.95		U
1,2,4-Trimethylbenzene	0.00006	0.00611	0.000570	0.95		F
1,2-Dibromo-3-chloropropane	0.00032	0.0102	0.00032	0.95		U
1,2-Dibromoethane	0.00008	0.00509	0.00008	0.95		U
1,2-Dichlorobenzene	0.00006	0.00509	0.00472	0.95		F
1,2-Dichloroethane	0.00011	0.00305	0.00011	0.95		U
1,2-Dichloropropane	0.00022	0.00509	0.00022	0.95		U
1,3,5-Trimethylbenzene	0.00008	0.00509	0.00008	0.95		U
1,3-Dichlorobenzene	0.00011	0.00611	0.00248	0.95		F
1,3-Dichloropropane	0.00009	0.00255	0.00009	0.95		U
1,4-Dichlorobenzene	0.00006	0.00255	0.0528	0.95		
1-Chlorohexane	0.00016	0.00509	0.00016	0.95		U
2,2-Dichloropropane	0.00013	0.00509	0.00013	0.95		U
2-Butanone	0.00043	0.0204	0.00043	0.95		U
2-Chlorotoluene	0.00004	0.00509	0.00004	0.95		U
4-Chlorotoluene	0.00007	0.00509	0.00007	0.95		U
4-Methyl-2-pentanone	0.00033	0.0204	0.00033	0.95		U
Acetone	0.00031	0.0509	0.00638	0.95		F
Benzene	0.00005	0.00255	0.00005	0.95		U
Bromobenzene	0.00015	0.00509	0.00015	0.95		U
Bromochloromethane	0.00020	0.00509	0.00020	0.95		U
Bromodichloromethane	0.00006	0.00255	0.00006	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-01	**Lab Sample ID:**	0709160-019A	**Matrix:**	Soil
% Solids:	93.30	**Initial Calibration ID:**	1056	**File ID:**	J4623.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00017	0.00611	0.00017	0.95		U
Bromomethane	0.00013	0.0102	0.000845	0.95		F
Carbon tetrachloride	0.00012	0.00509	0.00012	0.95		U
Chlorobenzene	0.00007	0.00255	0.00385	0.95		
Chloroethane	0.00025	0.00509	0.00025	0.95		U
Chloroform	0.00007	0.00255	0.00007	0.95		U
Chloromethane	0.00032	0.00509	0.00032	0.95		U
cis-1,2-Dichloroethene	0.00016	0.00509	0.00016	0.95		U
cis-1,3-Dichloropropene	0.00009	0.00305	0.00009	0.95		U
Dibromochloromethane	0.00007	0.00305	0.00007	0.95		U
Dibromomethane	0.00012	0.00509	0.00012	0.95		U
Dichlorodifluoromethane	0.00008	0.00509	0.00008	0.95		U
Ethylbenzene	0.00013	0.00509	0.00013	0.95		U
Hexachlorobutadiene	0.00039	0.00305	0.00039	0.95		U
Isopropylbenzene	0.00005	0.00509	0.00005	0.95		U
Methyl tert-butyl ether	0.00013	0.0204	0.00013	0.95		U
Methylene chloride	0.00061	0.00509	0.000988	0.95		F
n-Butylbenzene	0.00013	0.00509	0.00013	0.95		U
n-Propylbenzene	0.00003	0.00509	0.00003	0.95		U
Naphthalene	0.00021	0.00509	0.00021	0.95		U
o-Xylene	0.00017	0.00509	0.00017	0.95		U
p-Isopropyltoluene	0.00017	0.00611	0.00017	0.95		U
sec-Butylbenzene	0.00005	0.00509	0.00104	0.95		F
Styrene	0.00012	0.00509	0.00012	0.95		U
tert-Butylbenzene	0.00008	0.00509	0.00008	0.95		U
Tetrachloroethene	0.00011	0.00509	0.00011	0.95		U
Toluene	0.00005	0.00509	0.00005	0.95		U
trans-1,2-Dichloroethene	0.00012	0.00509	0.00012	0.95		U
trans-1,3-Dichloropropene	0.00015	0.00509	0.00015	0.95		U
Trichloroethene	0.00012	0.00509	0.000927	0.95		F
Trichlorofluoromethane	0.00008	0.00509	0.00008	0.95		U
Vinyl chloride	0.00013	0.00509	0.00013	0.95		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-01	**Lab Sample ID:**	0709160-019A	**Matrix:**	Soil
% Solids:	93.30	**Initial Calibration ID:**	1056	**File ID:**	J4623.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	02-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.24 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00031	0.00509	0.00031	0.95		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	104	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1107099	1061351 - 4245404	
Chlorobenzene-d5	1950527	1422324 - 5689294	
Fluorobenzene	4890904	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-02	**Lab Sample ID:**	0709160-020B	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	1060	**File ID:**	T0630.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0167	0.642	0.404	1		FJ
1,1,1,2-Tetrachloroethane	0.0205	0.385	0.0205	1		U
1,1,1-Trichloroethane	0.0180	0.642	0.0180	1		U
1,1,2,2-Tetrachloroethane	0.0180	0.385	0.0180	1		U
1,1,2-Trichloroethane	0.0321	0.642	0.0321	1		U
1,1-Dichloroethane	0.0103	0.642	0.0103	1		U
1,1-Dichloroethene	0.0193	0.770	0.0193	1		U
1,1-Dichloropropene	0.0244	0.642	0.0244	1		U
1,2,3-Trichlorobenzene	0.0526	0.642	0.0526	1		U
1,2,3-Trichloropropane	0.0295	0.642	0.0295	1		U
1,2,4-Trichlorobenzene	0.0424	0.642	0.0424	1		U
1,2,4-Trimethylbenzene	0.00770	0.770	7.92	1		JQ
1,2-Dibromo-3-chloropropane	0.0398	1.28	0.0398	1		U
1,2-Dibromoethane	0.0103	0.642	0.0103	1		U
1,2-Dichlorobenzene	0.00770	0.642	0.00770	1		U
1,2-Dichloroethane	0.0141	0.385	0.0141	1		U
1,2-Dichloropropane	0.0282	0.642	0.0282	1		U
1,3,5-Trimethylbenzene	0.0103	0.642	3.34	1		J
1,3-Dichlorobenzene	0.0141	0.770	0.122	1		FJ
1,3-Dichloropropane	0.0116	0.321	0.0116	1		U
1,4-Dichlorobenzene	0.00770	0.321	0.417	1		J
1-Chlorohexane	0.0205	0.642	0.0205	1		U
2,2-Dichloropropane	0.0167	0.642	0.0167	1		U
2-Butanone	0.0539	2.57	0.0539	1		U
2-Chlorotoluene	0.00513	0.642	0.00513	1		U
4-Chlorotoluene	0.00899	0.642	0.00899	1		U
4-Methyl-2-pentanone	0.0411	2.57	0.0411	1		U
Acetone	0.0385	6.42	2.52	1		FJ
Benzene	0.00642	0.321	0.00642	1		U
Bromobenzene	0.0193	0.642	0.0193	1		U
Bromochloromethane	0.0257	0.642	0.0257	1		U
Bromodichloromethane	0.00770	0.321	0.00770	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-02	**Lab Sample ID:**	0709160-020B	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	1060	**File ID:**	T0630.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0218	0.770	0.0218	1		U
Bromomethane	0.0167	1.28	0.0167	1		U
Carbon tetrachloride	0.0154	0.642	0.0154	1		U
Chlorobenzene	0.00899	0.321	1.33	1		J
Chloroethane	0.0321	0.642	0.0321	1		U
Chloroform	0.00899	0.321	0.00899	1		U
Chloromethane	0.0398	0.642	0.0398	1		U
cis-1,2-Dichloroethene	0.0205	0.642	0.0205	1		U
cis-1,3-Dichloropropene	0.0116	0.385	0.0116	1		U
Dibromochloromethane	0.00899	0.385	0.00899	1		U
Dibromomethane	0.0154	0.642	0.0154	1		U
Dichlorodifluoromethane	0.0103	0.642	0.0103	1		U
Ethylbenzene	0.0167	0.642	0.109	1		FJ
Hexachlorobutadiene	0.0488	0.385	0.0488	1		U
Isopropylbenzene	0.00642	0.642	0.456	1		FJQ
Methyl tert-butyl ether	0.0167	2.57	0.0167	1		U
Methylene chloride	0.0770	0.642	0.0770	1		U
n-Butylbenzene	0.0167	0.642	0.270	1		FJ
n-Propylbenzene	0.00385	0.642	0.411	1		FJQ
Naphthalene	0.0270	0.642	1.54	1		J
o-Xylene	0.0218	0.642	0.186	1		FJ
p-Isopropyltoluene	0.0218	0.770	0.385	1		FJQ
sec-Butylbenzene	0.00642	0.642	0.462	1		FJQ
Styrene	0.0154	0.642	0.0154	1		U
tert-Butylbenzene	0.0103	0.642	0.199	1		FJ
Tetrachloroethene	0.0141	0.642	0.0141	1		U
Toluene	0.00642	0.642	0.00642	1		U
trans-1,2-Dichloroethene	0.0154	0.642	0.0154	1		U
trans-1,3-Dichloropropene	0.0193	0.642	0.0193	1		U
Trichloroethene	0.0154	0.642	0.0154	1		U
Trichlorofluoromethane	0.0103	0.642	0.0103	1		U
Vinyl chloride	0.0167	0.642	0.0167	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-02	**Lab Sample ID:**	0709160-020B	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	1060	**File ID:**	T0630.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0385	1.28	0.590	1		FJ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	52 - 149	
4-Bromofluorobenzene	129	84 - 118	*
Dibromofluoromethane	96	65 - 135	
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	986146	443553 - 1774212	
Chlorobenzene-d5	1708674	698816 - 2795262	
Fluorobenzene	3519445	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-02 DL	**Lab Sample ID:**	0709160-020BDL	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	1060	**File ID:**	T0679.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.133	5.13	0.133	8		U
1,1,1,2-Tetrachloroethane	0.164	3.08	0.164	8		U
1,1,1-Trichloroethane	0.144	5.13	0.144	8		U
1,1,2,2-Tetrachloroethane	0.144	3.08	0.144	8		U
1,1,2-Trichloroethane	0.257	5.13	0.257	8		U
1,1-Dichloroethane	0.0821	5.13	0.0821	8		U
1,1-Dichloroethene	0.154	6.16	0.154	8		U
1,1-Dichloropropene	0.195	5.13	0.195	8		U
1,2,3-Trichlorobenzene	0.421	5.13	0.421	8		U
1,2,3-Trichloropropane	0.236	5.13	0.236	8		U
1,2,4-Trichlorobenzene	0.339	5.13	0.339	8		U
1,2,4-Trimethylbenzene	0.0616	6.16	8.47	8		
1,2-Dibromo-3-chloropropane	0.318	10.3	0.318	8		U
1,2-Dibromoethane	0.0821	5.13	0.0821	8		U
1,2-Dichlorobenzene	0.0616	5.13	0.0616	8		U
1,2-Dichloroethane	0.113	3.08	0.113	8		U
1,2-Dichloropropane	0.226	5.13	0.226	8		U
1,3,5-Trimethylbenzene	0.0821	5.13	3.59	8		F
1,3-Dichlorobenzene	0.113	6.16	0.113	8		U
1,3-Dichloropropane	0.0924	2.57	0.0924	8		U
1,4-Dichlorobenzene	0.0616	2.57	0.0616	8		U
1-Chlorohexane	0.164	5.13	0.164	8		U
2,2-Dichloropropane	0.133	5.13	0.133	8		U
2-Butanone	0.431	20.5	0.431	8		U
2-Chlorotoluene	0.0411	5.13	0.0411	8		U
4-Chlorotoluene	0.0719	5.13	0.0719	8		U
4-Methyl-2-pentanone	0.329	20.5	0.329	8		U
Acetone	0.308	51.3	0.308	8		U
Benzene	0.0513	2.57	0.0513	8		U
Bromobenzene	0.154	5.13	0.154	8		U
Bromochloromethane	0.205	5.13	0.205	8		U
Bromodichloromethane	0.0616	2.57	0.0616	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-02 DL	**Lab Sample ID:**	0709160-020BDL	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	1060	**File ID:**	T0679.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.175	6.16	0.175	8		U
Bromomethane	0.133	10.3	0.133	8		U
Carbon tetrachloride	0.123	5.13	0.123	8		U
Chlorobenzene	0.0719	2.57	1.39	8		F
Chloroethane	0.257	5.13	0.257	8		U
Chloroform	0.0719	2.57	0.0719	8		U
Chloromethane	0.318	5.13	0.318	8		U
cis-1,2-Dichloroethene	0.164	5.13	0.164	8		U
cis-1,3-Dichloropropene	0.0924	3.08	0.0924	8		U
Dibromochloromethane	0.0719	3.08	0.0719	8		U
Dibromomethane	0.123	5.13	0.123	8		U
Dichlorodifluoromethane	0.0821	5.13	0.0821	8		U
Ethylbenzene	0.133	5.13	0.133	8		U
Hexachlorobutadiene	0.390	3.08	0.390	8		U
Isopropylbenzene	0.0513	5.13	0.0513	8		U
Methyl tert-butyl ether	0.133	20.5	0.133	8		U
Methylene chloride	0.616	5.13	0.616	8		U
n-Butylbenzene	0.133	5.13	0.133	8		U
n-Propylbenzene	0.0308	5.13	0.0308	8		U
Naphthalene	0.216	5.13	2.77	8		F
o-Xylene	0.175	5.13	0.175	8		U
p-Isopropyltoluene	0.175	6.16	0.175	8		U
sec-Butylbenzene	0.0513	5.13	0.0513	8		U
Styrene	0.123	5.13	0.123	8		U
tert-Butylbenzene	0.0821	5.13	0.0821	8		U
Tetrachloroethene	0.113	5.13	0.113	8		U
Toluene	0.0513	5.13	0.0513	8		U
trans-1,2-Dichloroethene	0.123	5.13	0.123	8		U
trans-1,3-Dichloropropene	0.154	5.13	0.154	8		U
Trichloroethene	0.123	5.13	0.123	8		U
Trichlorofluoromethane	0.0821	5.13	0.0821	8		U
Vinyl chloride	0.133	5.13	0.133	8		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-02 DL	**Lab Sample ID:**	0709160-020BDL	**Matrix:**	Soil
% Solids:	84.10	**Initial Calibration ID:**	1060	**File ID:**	T0679.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.308	10.3	0.308	8		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	114	84 - 118	
Dibromofluoromethane	94	65 - 135	
Toluene-d8	98	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	623588	443553 - 1774212	
Chlorobenzene-d5	1352760	698816 - 2795262	
Fluorobenzene	3168072	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-03	**Lab Sample ID:**	0709160-021A	**Matrix:**	Soil
% Solids:	84.50	**Initial Calibration ID:**	1056	**File ID:**	J4605.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00586	0.000762	0.99		F
1,1,1,2-Tetrachloroethane	0.00019	0.00351	0.00019	0.99		U
1,1,1-Trichloroethane	0.00016	0.00586	0.00016	0.99		U
1,1,2,2-Tetrachloroethane	0.00016	0.00351	0.00016	0.99		U
1,1,2-Trichloroethane	0.00029	0.00586	0.00029	0.99		U
1,1-Dichloroethane	0.00009	0.00586	0.00009	0.99		U
1,1-Dichloroethene	0.00018	0.00703	0.00018	0.99		U
1,1-Dichloropropene	0.00022	0.00586	0.00022	0.99		U
1,2,3-Trichlorobenzene	0.00048	0.00586	0.00048	0.99		U
1,2,3-Trichloropropane	0.00027	0.00586	0.00027	0.99		U
1,2,4-Trichlorobenzene	0.00039	0.00586	0.00039	0.99		U
1,2,4-Trimethylbenzene	0.00007	0.00703	0.000598	0.99		F
1,2-Dibromo-3-chloropropane	0.00036	0.0117	0.00036	0.99		U
1,2-Dibromoethane	0.00009	0.00586	0.00009	0.99		U
1,2-Dichlorobenzene	0.00007	0.00586	0.00190	0.99		F
1,2-Dichloroethane	0.00013	0.00351	0.00013	0.99		U
1,2-Dichloropropane	0.00026	0.00586	0.00026	0.99		U
1,3,5-Trimethylbenzene	0.00009	0.00586	0.00009	0.99		U
1,3-Dichlorobenzene	0.00013	0.00703	0.00125	0.99		F
1,3-Dichloropropane	0.00011	0.00293	0.00011	0.99		U
1,4-Dichlorobenzene	0.00007	0.00293	0.0325	0.99		
1-Chlorohexane	0.00019	0.00586	0.00019	0.99		U
2,2-Dichloropropane	0.00015	0.00586	0.00015	0.99		U
2-Butanone	0.00049	0.0234	0.00049	0.99		U
2-Chlorotoluene	0.00005	0.00586	0.00005	0.99		U
4-Chlorotoluene	0.00008	0.00586	0.00008	0.99		U
4-Methyl-2-pentanone	0.00037	0.0234	0.00037	0.99		U
Acetone	0.00035	0.0586	0.00685	0.99		F
Benzene	0.00006	0.00293	0.00006	0.99		U
Bromobenzene	0.00018	0.00586	0.00018	0.99		U
Bromochloromethane	0.00023	0.00586	0.00023	0.99		U
Bromodichloromethane	0.00007	0.00293	0.00007	0.99		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-03	**Lab Sample ID:**	0709160-021A	**Matrix:**	Soil
% Solids:	84.50	**Initial Calibration ID:**	1056	**File ID:**	J4605.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00703	0.00020	0.99		U
Bromomethane	0.00015	0.0117	0.00015	0.99		U
Carbon tetrachloride	0.00014	0.00586	0.00014	0.99		U
Chlorobenzene	0.00008	0.00293	0.130	0.99		
Chloroethane	0.00029	0.00586	0.00029	0.99		U
Chloroform	0.00008	0.00293	0.00008	0.99		U
Chloromethane	0.00036	0.00586	0.00036	0.99		UQ
cis-1,2-Dichloroethene	0.00019	0.00586	0.00019	0.99		U
cis-1,3-Dichloropropene	0.00011	0.00351	0.00011	0.99		U
Dibromochloromethane	0.00008	0.00351	0.00008	0.99		U
Dibromomethane	0.00014	0.00586	0.00014	0.99		U
Dichlorodifluoromethane	0.00009	0.00586	0.00009	0.99		U
Ethylbenzene	0.00015	0.00586	0.000890	0.99		F
Hexachlorobutadiene	0.00045	0.00351	0.00045	0.99		U
Isopropylbenzene	0.00006	0.00586	0.000902	0.99		F
Methyl tert-butyl ether	0.00015	0.0234	0.00015	0.99		U
Methylene chloride	0.00070	0.00586	0.00070	0.99		U
n-Butylbenzene	0.00015	0.00586	0.00015	0.99		U
n-Propylbenzene	0.00004	0.00586	0.000832	0.99		F
Naphthalene	0.00025	0.00586	0.00025	0.99		U
o-Xylene	0.00020	0.00586	0.00020	0.99		U
p-Isopropyltoluene	0.00020	0.00703	0.00020	0.99		U
sec-Butylbenzene	0.00006	0.00586	0.00110	0.99		F
Styrene	0.00014	0.00586	0.00014	0.99		U
tert-Butylbenzene	0.00009	0.00586	0.00009	0.99		U
Tetrachloroethene	0.00013	0.00586	0.00013	0.99		U
Toluene	0.00006	0.00586	0.00006	0.99		U
trans-1,2-Dichloroethene	0.00014	0.00586	0.00014	0.99		U
trans-1,3-Dichloropropene	0.00018	0.00586	0.00018	0.99		U
Trichloroethene	0.00014	0.00586	0.00014	0.99		U
Trichlorofluoromethane	0.00009	0.00586	0.00009	0.99		U
Vinyl chloride	0.00015	0.00586	0.00015	0.99		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB30-03	**Lab Sample ID:**	0709160-021A	**Matrix:**	Soil
% Solids:	84.50	**Initial Calibration ID:**	1056	**File ID:**	J4605.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	01-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00586	0.000762	0.99		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2422905	1061351 - 4245404	
Chlorobenzene-d5	3553408	1422324 - 5689294	
Fluorobenzene	7463434	3366154 - 13464618	

Comments:

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Date of Initial Calibration: 21-AUG-07

Initial Calibration ID: 1038

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

ICAL #1038

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M821VOCS.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Aug 21 13:34:35 2007
Response via : Continuing Calibration

Calibration Files
2.0 =M1977.D 5.0 =M1978.D 20 =M1979.D
50 =M1980.D 100 =M1981.D 150 =M1982.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.603	0.584	0.550	0.611	0.615	0.603	0.598	4.00
3)	P	Chloromethane	0.399	0.260	0.205	0.192	0.177	0.186	0.228	35.17
4)	CP	Vinyl chloride	0.114	0.155	0.151	0.172	0.175	0.178	0.161	14.75
5)		Bromomethane	0.277	0.292	0.223	0.164	0.225	0.230	0.236	17.65
6)		Chloroethane		0.100	0.114	0.109	0.125	0.120	0.116	8.94
7)		Trichlorofluorometh	0.786	0.715	0.716	0.767	0.786	0.779	0.756	4.17
8)		Acetone	0.115	0.103	0.092	0.087	0.090	0.071	0.091	15.48
9)		Acrolein	0.024	0.030	0.031	0.034	0.035	0.028	0.030#	12.40
10)	CPM	1,1-Dichloroethene	0.198	0.205	0.212	0.226	0.225	0.218	0.215	4.85
11)		Methyl iodide	0.452	0.315	0.244	0.209	0.342	0.386	0.325	27.67 -QUAD
12)		1,1,2-Trichloro-1,2	0.645	0.663	0.675	0.678	0.670	0.657	0.659	2.98
13)		Methyl acetate	0.265	0.274	0.257	0.280	0.291	0.248	0.271	5.80
14)		Acrylonitrile	0.048	0.059	0.061	0.066	0.066	0.056	0.060	11.03
15)		Methylene chloride	2.183	1.208	0.411	0.414	0.341	0.336	0.744	95.33
16)		Carbon disulfide	0.533	0.532	0.581	0.686	0.714	0.714	0.636	13.23
17)		trans-1,2-Dichloroe	0.275	0.286	0.291	0.314	0.309	0.304	0.297	4.63
18)		Methyl tert-Butyl e	0.508	0.598	0.603	0.630	0.640	0.566	0.590	7.44
19)	P	1,1-Dichloroethane	0.532	0.582	0.583	0.608	0.617	0.590	0.585	4.65
20)		Vinyl acetate		0.319	0.352	0.448	0.451	0.441	0.404	13.80
21)		2-Butanone	0.147	0.152	0.155	0.163	0.175	0.145	0.159	7.72
22)		cis-1,2-Dichloroeth	0.332	0.368	0.353	0.374	0.362	0.341	0.353	4.62
23)		Bromochloromethane	0.231	0.263	0.269	0.276	0.274	0.245	0.258	6.68
24)	CP	Chloroform	0.803	0.824	0.801	0.853	0.828	0.784	0.810	3.27
25)		2,2-Dichloropropane	0.418	0.460	0.487	0.523	0.533	0.531	0.495	8.68
26)		Cyclohexane	0.270	0.315	0.323	0.327	0.327	0.325	0.314	6.54
27)	S	Dibromofluoromethan	0.725	0.799	0.793	0.817	0.797	0.749	0.775	4.51
28)	S	1,2-Dichloroethane-	0.429	0.440	0.432	0.458	0.441	0.389	0.426	6.19
29)		1,2-Dichloroethane	0.487	0.534	0.513	0.538	0.542	0.489	0.515	4.53
30)		1,1,1-Trichloroetha	0.575	0.586	0.628	0.675	0.693	0.668	0.642	7.17
31)		1,1-Dichloropropene	0.408	0.433	0.447	0.460	0.469	0.467	0.448	4.83
32)		Carbon tetrachlorid	0.525	0.558	0.631	0.660	0.682	0.683	0.630	10.08
33)	M	Benzene	0.734	0.786	0.795	0.819	0.812	0.771	0.784	3.67
34)	M	Trichloroethene	0.412	0.450	0.470	0.493	0.483	0.463	0.462	5.66
35)		Dibromomethane	0.435	0.516	0.552	0.582	0.564	0.512	0.525	9.19
36)		Methylcyclohexane	0.287	0.303	0.320	0.347	0.351	0.358	0.329	8.08
37)	CP	1,2-Dichloropropane	0.312	0.326	0.336	0.357	0.360	0.340	0.339	4.94
38)		Bromodichloromethan	0.663	0.747	0.874	0.994	0.996	0.950	0.881	14.70
39)		2-Chloroethylvinyl	0.032	0.086	0.101	0.116	0.120	0.103	0.096	31.98
40)		4-Methyl-2-pentanon	0.287	0.345	0.401	0.427	0.453	0.370	0.386	14.70
41)		cis-1,3-Dichloropro		0.425	0.507	0.593	0.613	0.581	0.551	13.04
42)	S	Toluene-d8	0.722	0.767	0.800	0.872	0.866	0.833	0.812	6.61
43)	CPM	Toluene	0.501	0.507	0.531	0.558	0.561	0.541	0.533	4.31

dlc @ 8-22-07

(#) = Out of Range ### Number of calibration levels exceeded format ###

8/21/07

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M821VOCS.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Aug 21 13:34:35 2007
Response via : Continuing Calibration

Calibration Files
2.0 =M1977.D 5.0 =M1978.D 20 =M1979.D
50 =M1980.D 100 =M1981.D 150 =M1982.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop		0.349	0.426	0.511	0.544	0.508	0.476	15.56
45)		1,1,2-Trichloroetha	0.313	0.340	0.358	0.376	0.368	0.335	0.347	6.29
46)		2-Hexanone		0.222	0.258	0.273	0.294	0.239	0.262	10.56
47)		1,2-Dibromoethane	0.560	0.648	0.729	0.794	0.792	0.719	0.711	11.66
48)	I	Chlorobenzene-d5				ISTD				
49)		1,3-Dichloropropane	0.956	1.025	1.080	1.098	1.144	1.067	1.064	5.60
50)		Dibromochloromethan		1.283	1.507	1.659	1.736	1.678	1.594	10.79
51)		Tetrachloroethene	0.956	0.949	0.932	0.905	0.918	0.931	0.926	2.41
52)		1-Chlorohexane	0.484	0.515	0.560	0.572	0.607	0.645	0.569	9.76
53)		1,1,1,2-Tetrachloro	0.674	0.766	0.812	0.832	0.876	0.841	0.805	8.28
54)	PM	Chlorobenzene	1.306	1.378	1.344	1.328	1.367	1.321	1.329	2.95
55)	CP	Ethylbenzene	1.629	1.756	1.723	1.735	1.742	1.751	1.710	3.16
56)		(m+p)-Xylene	0.643	0.670	0.656	0.644	0.676	0.667	0.658	2.01
57)		o-Xylene	0.590	0.684	0.693	0.691	0.718	0.731	0.687	6.65
58)		Styrene	0.961	1.094	1.157	1.139	1.251	1.258	1.154	9.03
59)	P	Bromoform		0.843	1.099	1.224	1.332	1.266	1.175	15.41
60)	S	Bromofluorobenzene	1.367	1.386	1.420	1.327	1.404	1.372	1.369	3.00
61)	I	1,4-Dichlorobenzene-d				ISTD				
62)		trans-1,4-Dichloro-		0.093	0.125	0.159	0.181	0.164	0.149	22.62
63)	P	1,1,2,2-Tetrachloro	1.418	1.636	1.696	1.787	1.762	1.568	1.642	7.63
64)		Isopropylbenzene	1.940	2.152	2.287	2.351	2.322	2.382	2.254	6.99
65)		1,2,3-Trichloroprop		1.102	1.263	1.165	1.252	1.136	1.172	5.91
66)		Bromobenzene	0.937	0.987	1.019	1.031	1.050	0.986	1.003	3.68
67)		n-Propylbenzene	2.370	2.588	2.822	2.938	2.921	2.891	2.750	7.60
68)		2-Chlorotoluene	2.027	2.578	2.220	2.566	2.218	2.156	2.275	9.34
69)		4-Chlorotoluene	1.603	1.766	2.183	1.979	2.126	2.217	1.986	11.43
70)		1,3,5-Trimethylbenz	1.409	1.552	1.668	1.728	1.816	1.838	1.689	9.46
71)		tert-Butylbenzene	1.538	1.655	1.812	1.894	1.927	1.930	1.812	8.63
72)		1,2,4-Trimethylbenz	1.244	1.286	1.437	1.548	1.596	1.644	1.485	11.19
73)		sec-Butylbenzene	2.181	2.269	2.435	2.610	2.605	2.660	2.481	7.67
74)		1,3-Dichlorobenzene	1.514	1.542	1.583	1.573	1.546	1.505	1.540	1.97
75)		p-Isopropyltoluene	1.449	1.489	1.697	1.841	1.860	1.954	1.744	11.74
76)		1,4-Dichlorobenzene	1.736	1.571	1.477	1.527	1.502	1.469	1.530	6.69
77)		n-Butylbenzene		1.121	1.310	1.476	1.539	1.679	1.453	14.08
78)		1,2-Dichlorobenzene	1.379	1.523	1.571	1.569	1.544	1.510	1.514	4.33
79)		1,2-Dibromo-3-chlor		0.420	0.526	0.585	0.578	0.504	0.533	12.25
80)		1,2,4-Trichlorobenz	0.690	0.690	0.780	0.858	0.874	0.942	0.822	12.58
81)		Hexachlorobutadiene	0.865	0.812	0.862	0.831	0.791	0.813	0.821	4.27
82)		Naphthalene	0.750	0.900	0.997	1.165	1.243	1.245	1.100	20.62
83)		1,2,3-Trichlorobenz	0.741	0.755	0.849	0.937	0.943	0.979	0.886	11.87

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M821VOCS.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Aug 21 14:11:00 2007
Response via : Continuing Calibration

Calibration Files
200 =M1983.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.619		
3)	P	Chloromethane	0.180		
4)	CP	Vinyl chloride	0.181		
5)		Bromomethane	0.243		
6)		Chloroethane	0.127		
7)		Trichlorofluorometh	0.742		
8)		Acetone	0.082		
9)		Acrolein	0.031		
10)	CPM	1,1-Dichloroethene	0.220		
11)		Methyl iodide			
12)		1,1,2-Trichloro-1,2	0.622		
13)		Methyl acetate	0.286		
14)		Acrylonitrile	0.065		
15)		Methylene chloride	0.316		
16)		Carbon disulfide	0.695		
17)		trans-1,2-Dichloroe	0.298		
18)		Methyl tert-Butyl e	0.586		
19)	P	1,1-Dichloroethane	0.581		
20)		Vinyl acetate	0.412		
21)		2-Butanone	0.173		
22)		cis-1,2-Dichloroeth	0.337		
23)		Bromochloromethane	0.246		
24)	CP	Chloroform	0.778		
25)		2,2-Dichloropropane	0.514		
26)		Cyclohexane	0.311		
27)	S	Dibromofluoromethan	0.743		
28)	S	1,2-Dichloroethane-	0.390		
29)		1,2-Dichloroethane	0.501		
30)		1,1,1-Trichloroetha	0.666		
31)		1,1-Dichloropropene	0.452		
32)		Carbon tetrachlorid	0.670		
33)	M	Benzene	0.770		
34)	M	Trichloroethene	0.462		
35)		Dibromomethane	0.514		
36)		Methylcyclohexane	0.337		
37)	CP	1,2-Dichloropropane	0.341		
38)		Bromodichloromethan	0.945		
39)		2-Chloroethylvinyl	0.117		
40)		4-Methyl-2-pentanon	0.419		
41)		cis-1,3-Dichloropro	0.587		
42)	S	Toluene-d8	0.820		
43)	CPM	Toluene	0.533		

(#) = Out of Range ### Number of calibration levels exceeded format ###

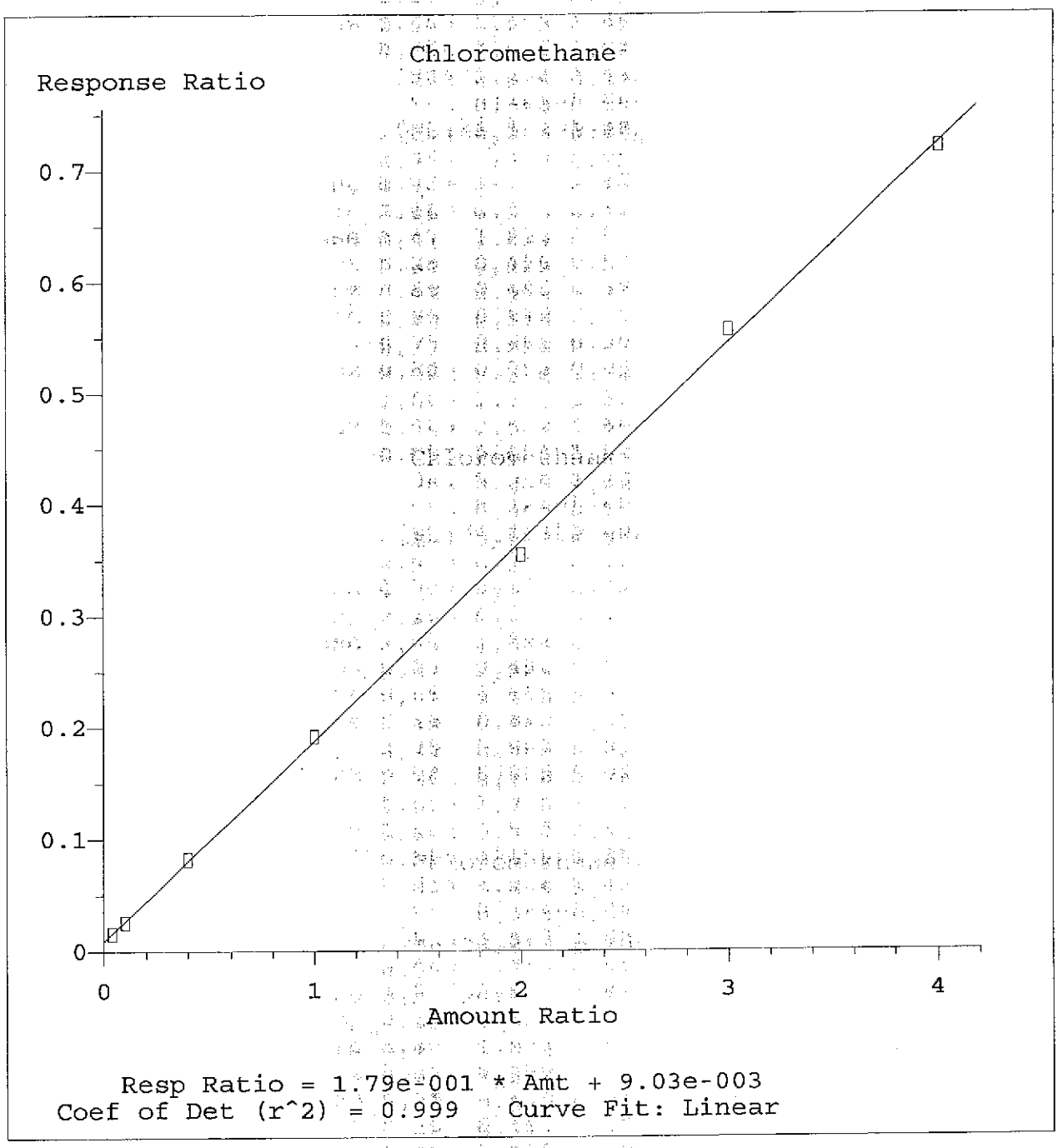
Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\M821VOCS.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Tue Aug 21 14:11:00 2007
Response via : Continuing Calibration

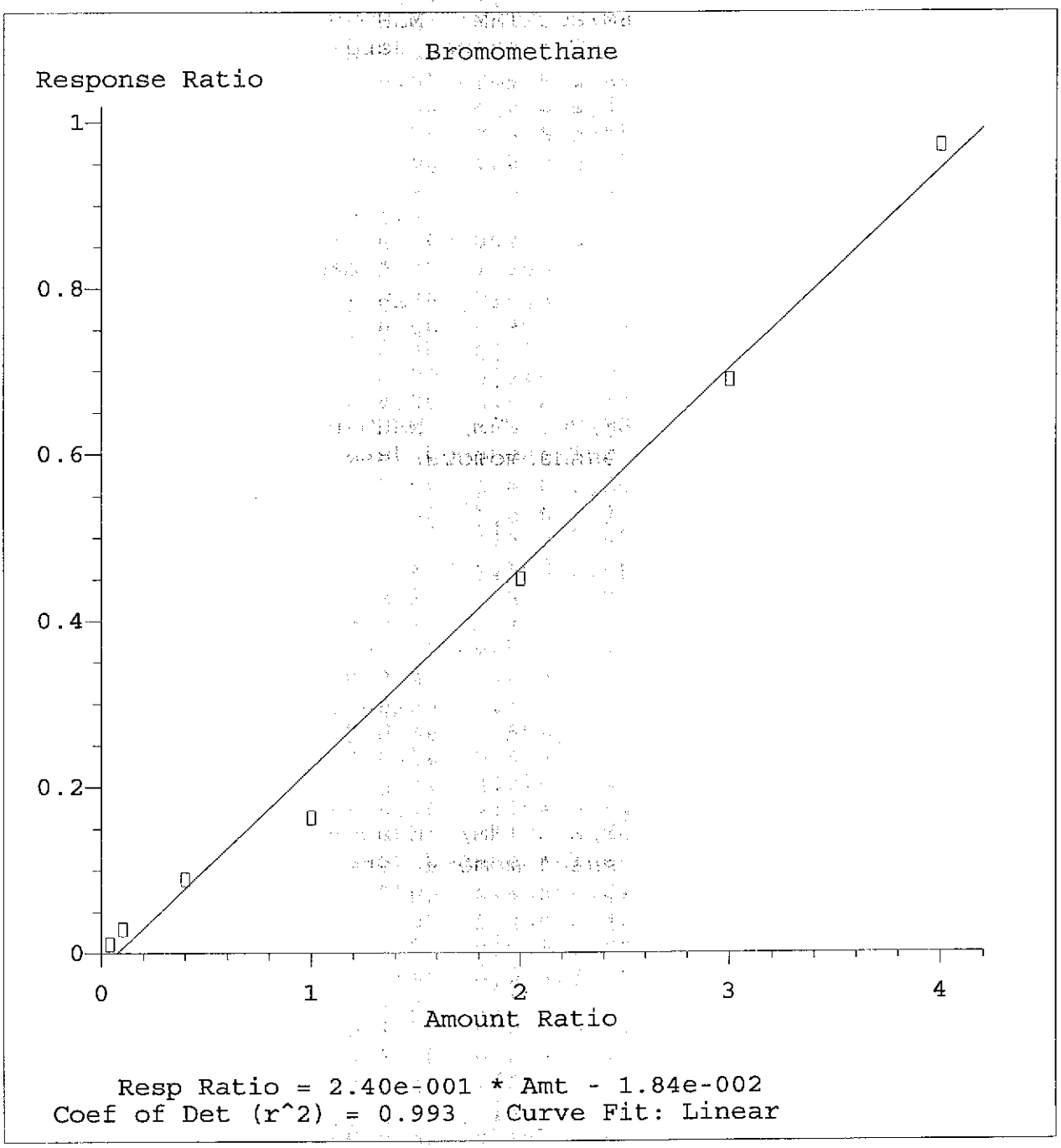
Calibration Files
200 =M1983.D

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.518		
45)		1,1,2-Trichloroetha	0.337		
46)		2-Hexanone	0.285		
47)		1,2-Dibromoethane	0.733		
48)	I	Chlorobenzene-d5	----------ISTD----------		
49)		1,3-Dichloropropane	1.082		
50)		Dibromochloromethan	1.703		
51)		Tetrachloroethene	0.895		
52)		1-Chlorohexane	0.602		
53)		1,1,1,2-Tetrachloro	0.835		
54)	PM	Chlorobenzene	1.261		
55)	CP	Ethylbenzene	1.637		
56)		(m+p)-Xylene	0.649		
57)		o-Xylene	0.701		
58)		Styrene	1.218		
59)	P	Bromoform	1.287		
60)	S	Bromofluorobenzene	1.304		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.173		
63)	P	1,1,2,2-Tetrachloro	1.630		
64)		Isopropylbenzene	2.347		
65)		1,2,3-Trichloroprop	1.116		
66)		Bromobenzene	1.012		
67)		n-Propylbenzene	2.730		
68)		2-Chlorotoluene	2.162		
69)		4-Chlorotoluene	2.030		
70)		1,3,5-Trimethylbenz	1.812		
71)		tert-Butylbenzene	1.927		
72)		1,2,4-Trimethylbenz	1.642		
73)		sec-Butylbenzene	2.608		
74)		1,3-Dichlorobenzene	1.515		
75)		p-Isopropyltoluene	1.919		
76)		1,4-Dichlorobenzene	1.424		
77)		n-Butylbenzene	1.592		
78)		1,2-Dichlorobenzene	1.503		
79)		1,2-Dibromo-3-chlor	0.586		
80)		1,2,4-Trichlorobenz	0.917		
81)		Hexachlorobutadiene	0.770		
82)		Naphthalene	1.400		
83)		1,2,3-Trichlorobenz	0.997		

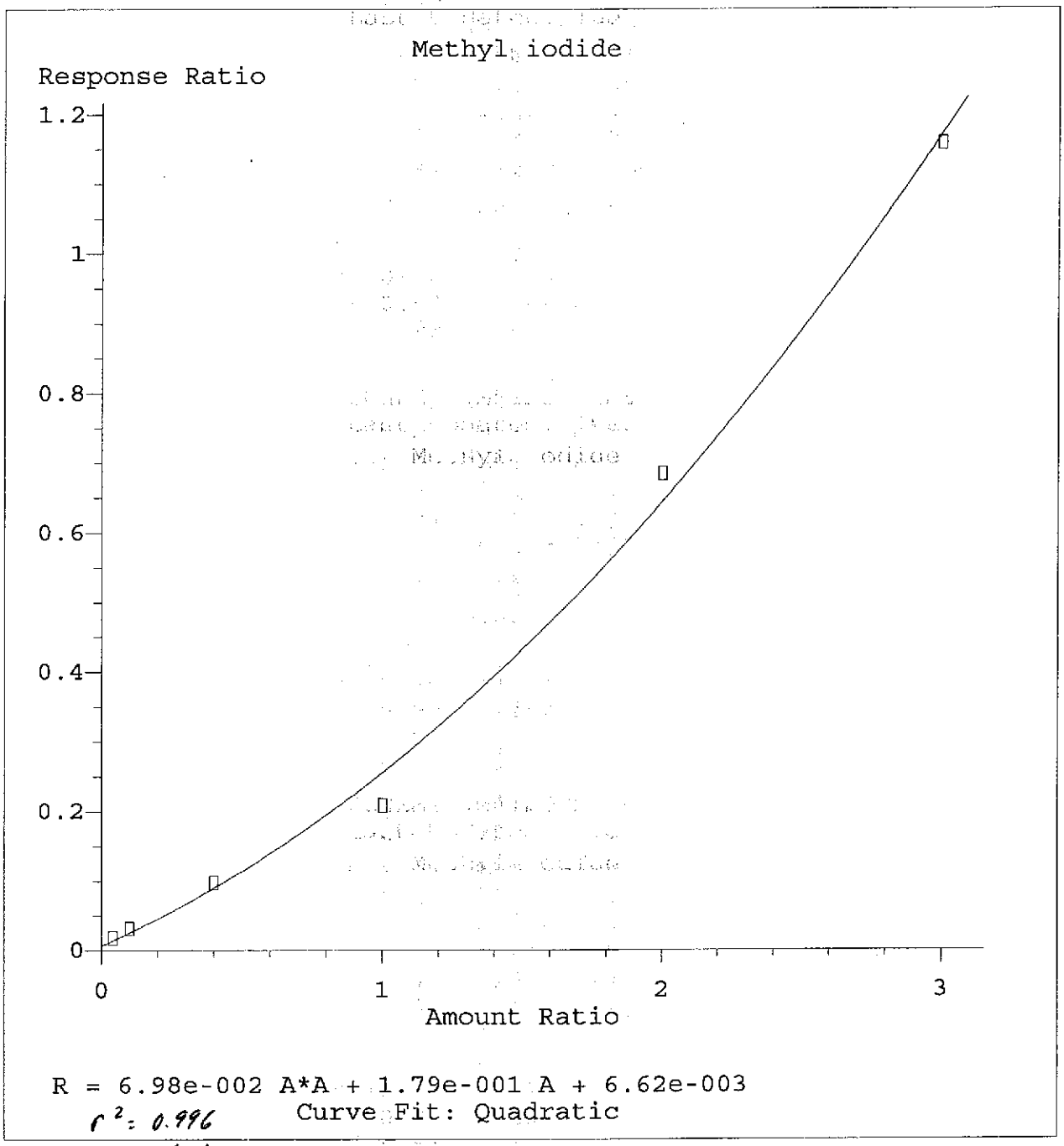
(#) = Out of Range ### Number of calibration levels exceeded format ###



Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 13:17:45 2007



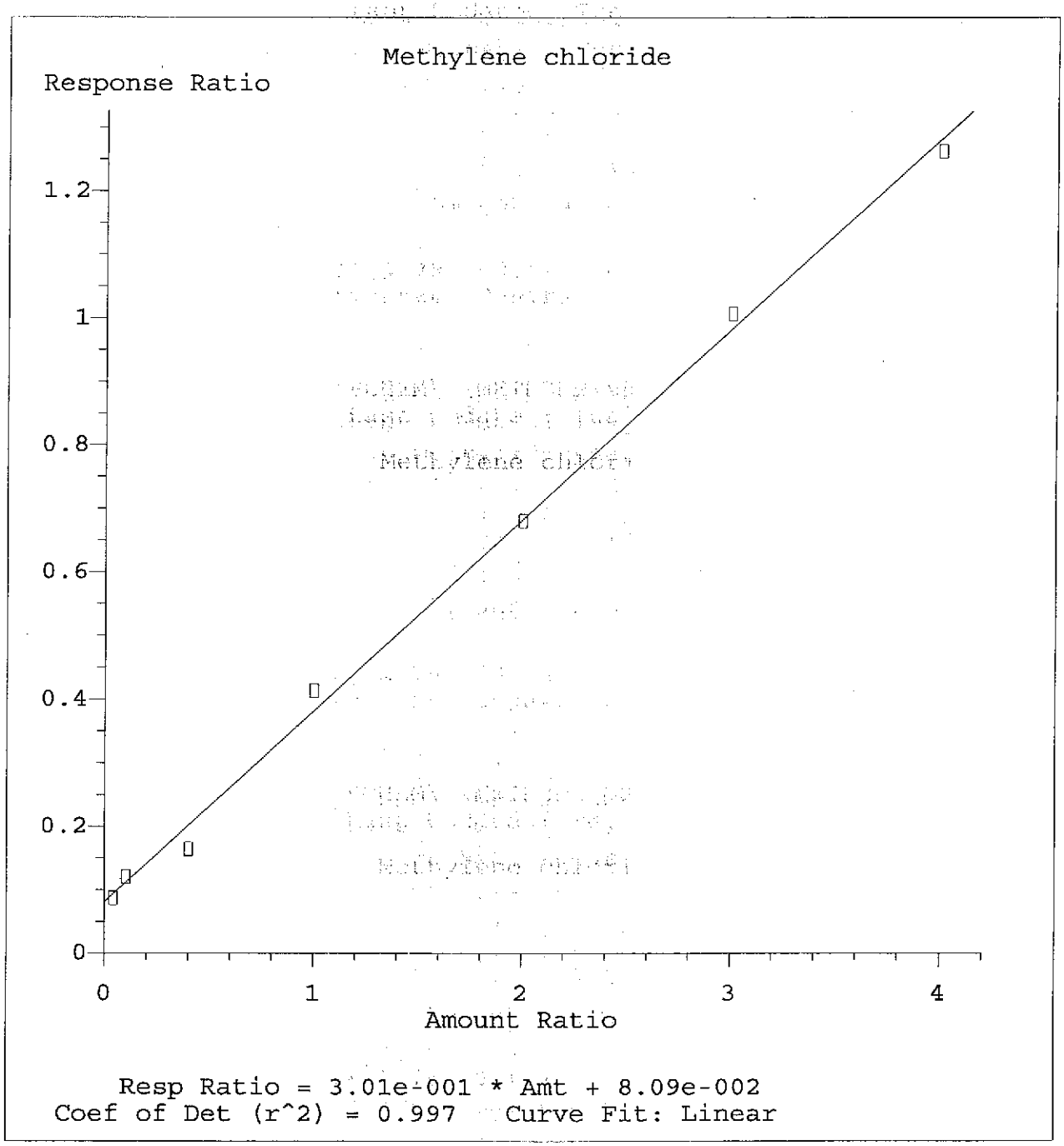
Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 13:56:37 2007



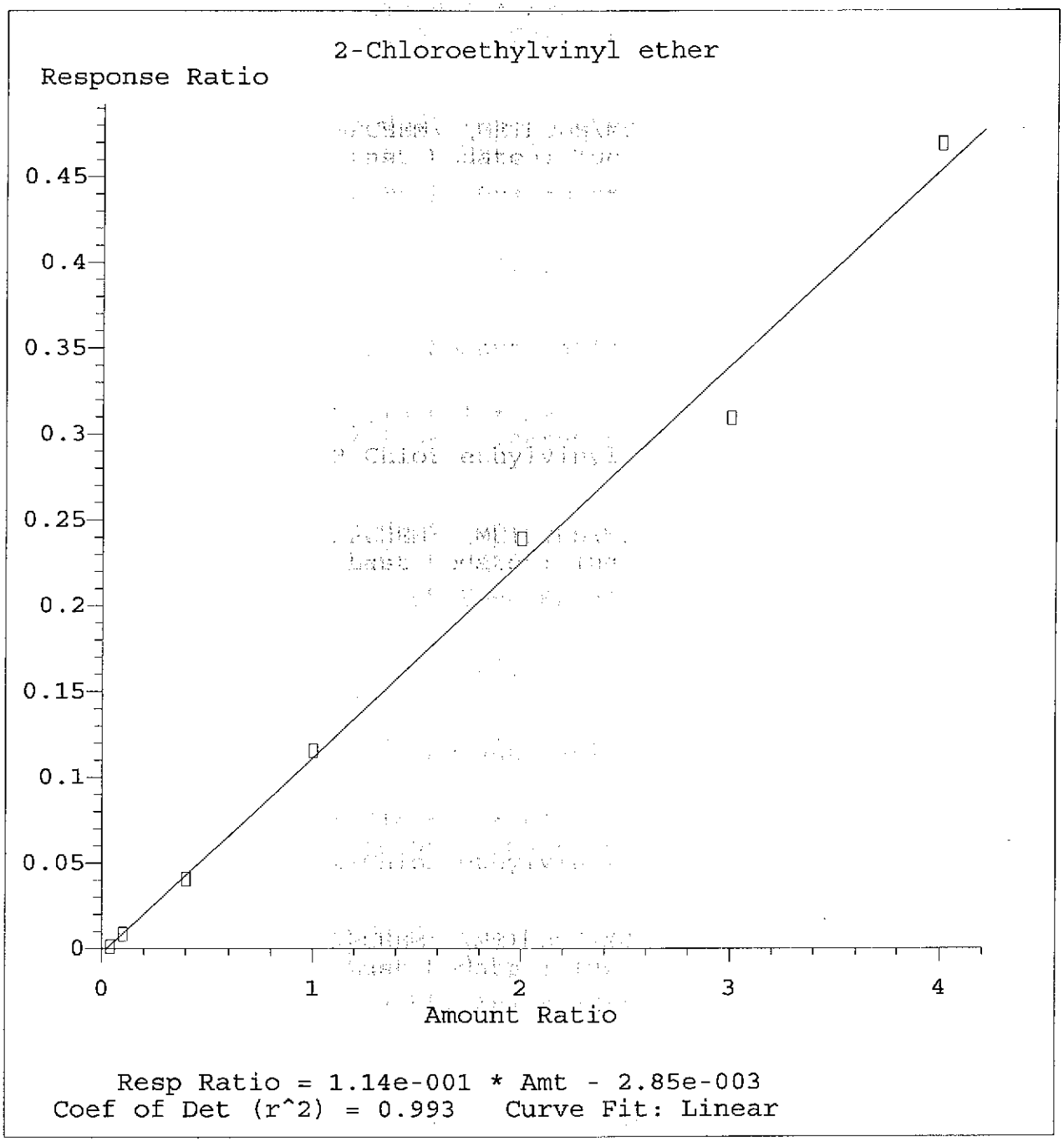
$r^2 = 0.996$

JK 8/21/07

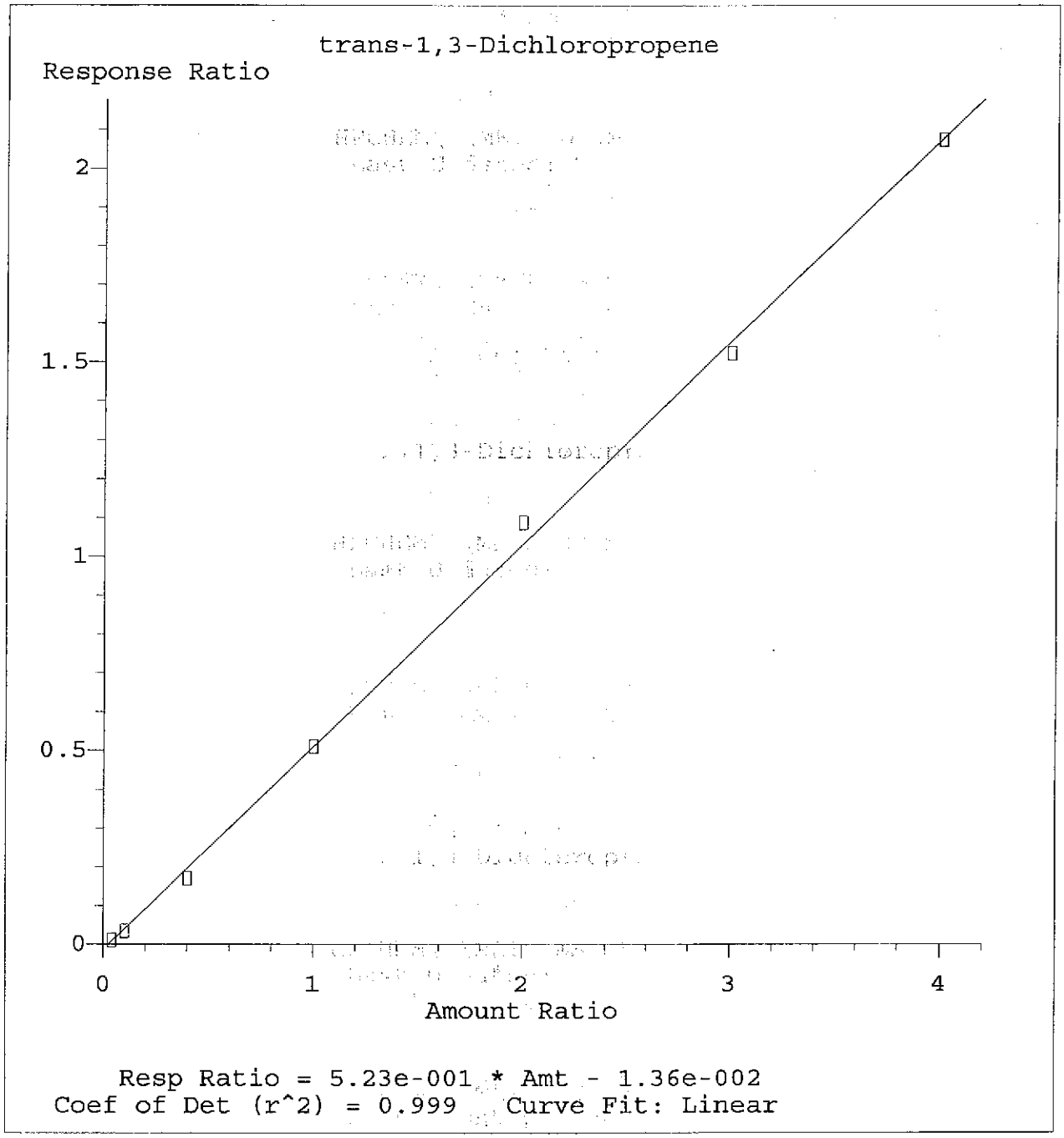
Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 13:58:33 2007



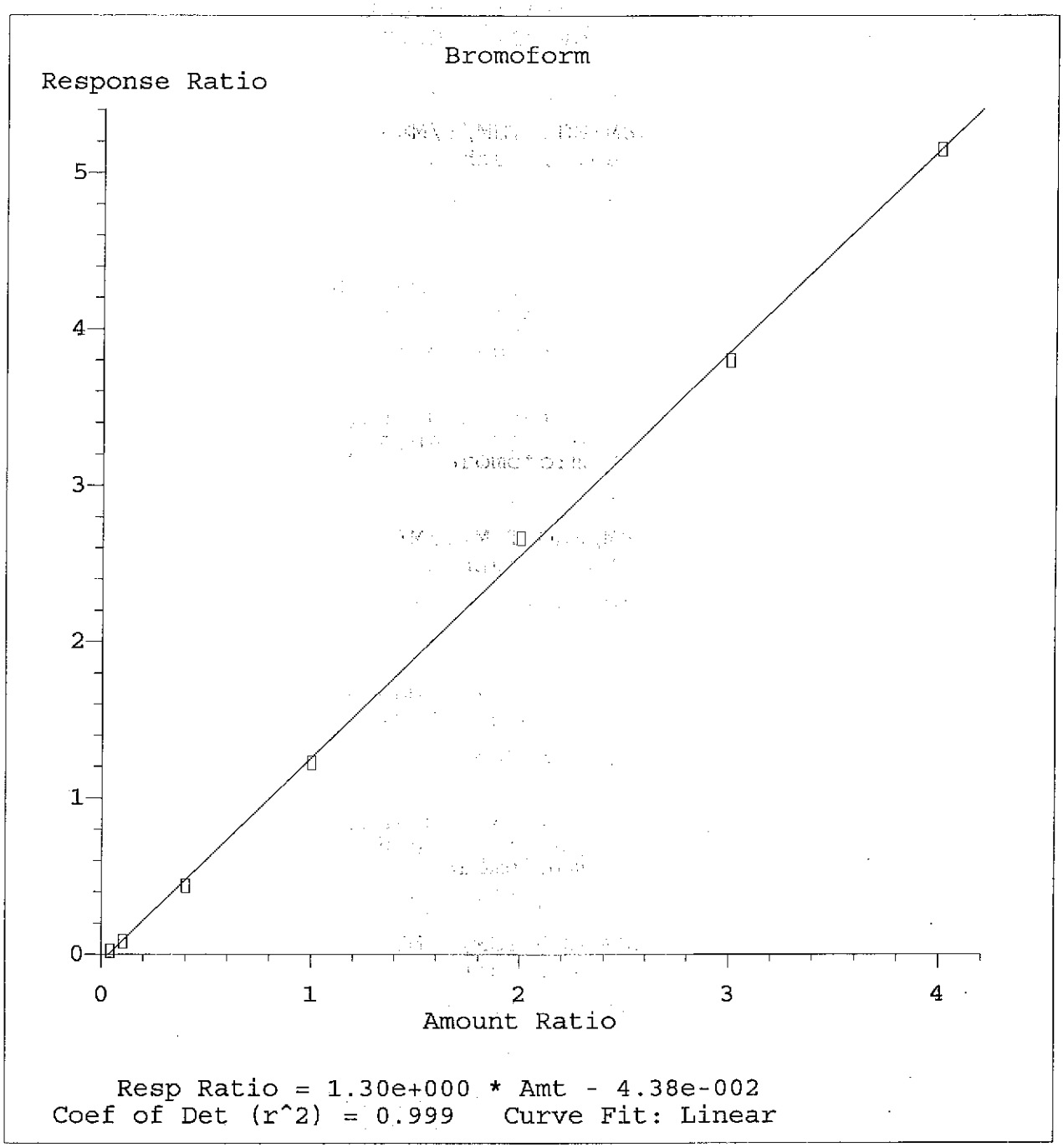
Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 14:01:00 2007



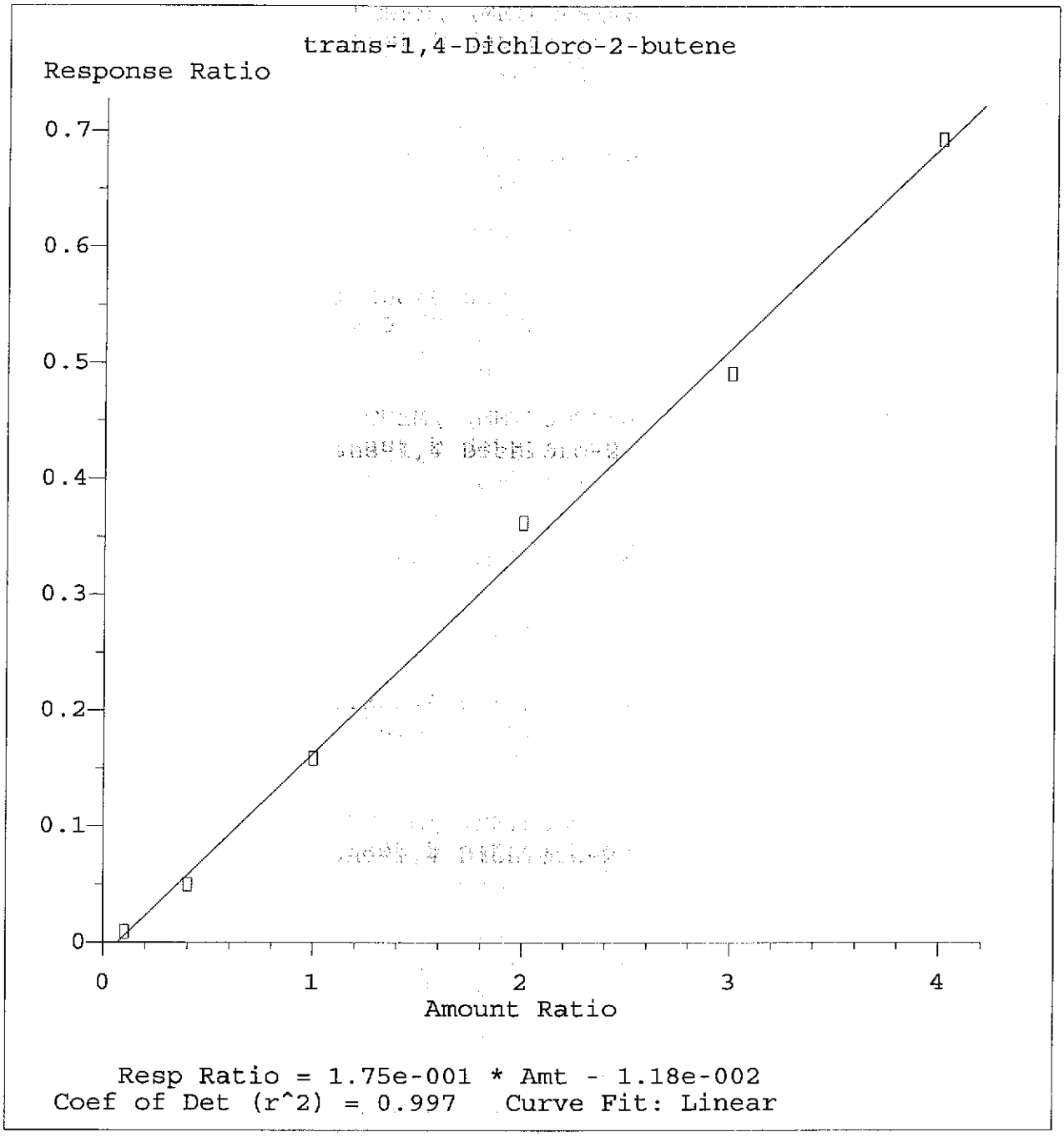
Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 14:02:51 2007



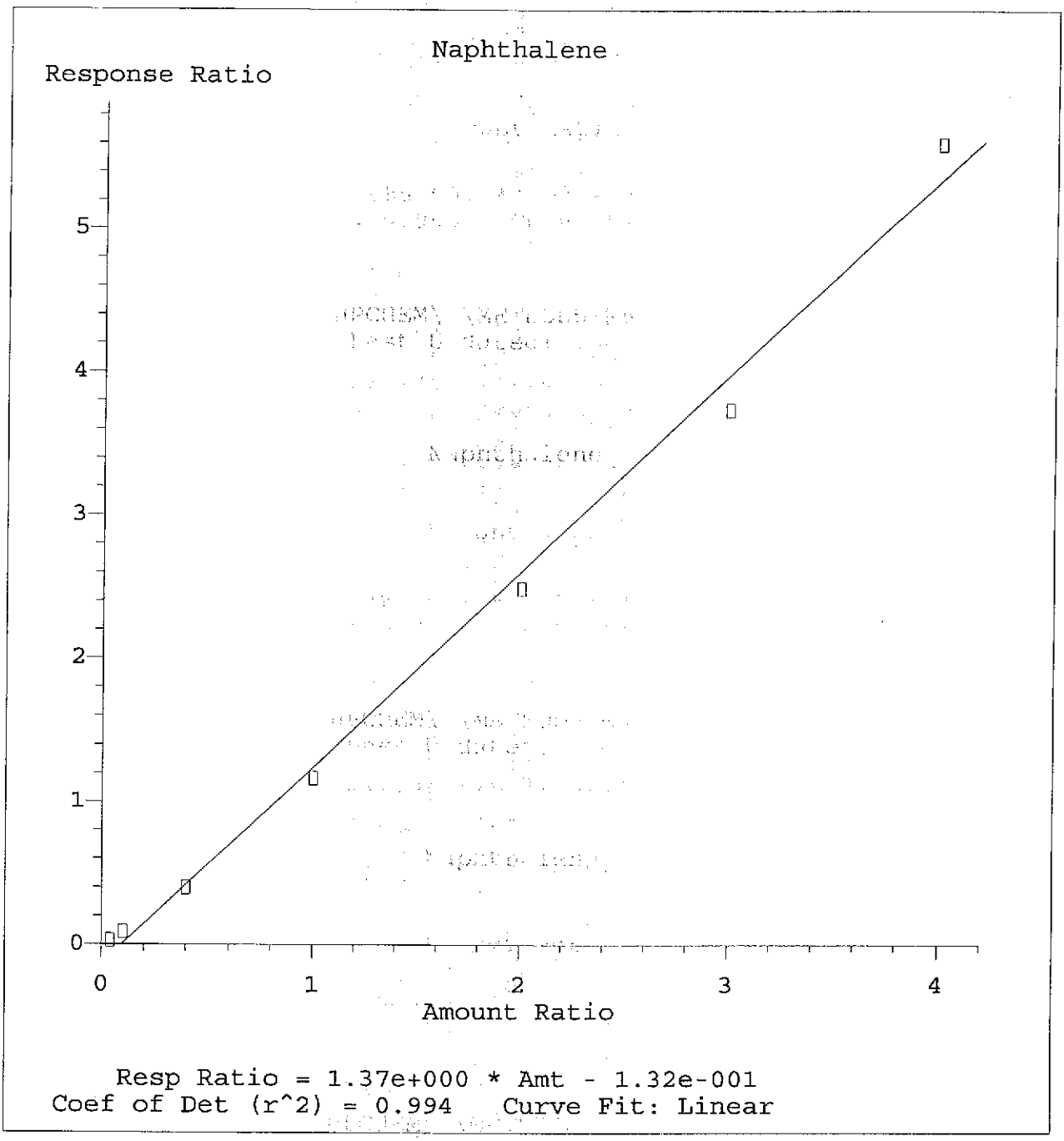
Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 14:05:16 2007



Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 14:07:32 2007



Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 14:08:31 2007



Method Name: C:\HPCHEM\1\METHODS\M821VOCS.M
Calibration Table Last Updated: Tue Aug 21 14:10:07 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 14-SEP-07

Initial Calibration ID: 1056

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Sep 17 09:18:58 2007
Response via : Continuing Calibration

ICAL #1056

Calibration Files
2.0 =J4290.D 5.0 =J4291.D 20 =J4305.D
50 =J4293.D 100 =J4294.D 150 =J4295.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.248	0.302	0.244	0.278	0.290	0.293	0.277	8.10
3)	P	Chloromethane	0.364	0.405	0.344	0.345	0.357	0.364	0.362	5.73
4)	CP	Vinyl chloride	0.280	0.333	0.290	0.314	0.341	0.350	0.321	8.54
5)		Bromomethane	0.205	0.191	0.178	0.162	0.175	0.190	0.185	7.76
6)		Chloroethane	0.216	0.259	0.224	0.233	0.243	0.245	0.237	6.10
7)		Trichlorofluorometh	0.470	0.598	0.477	0.525	0.542	0.536	0.523	8.26
8)		Acetone	0.215	0.128	0.107	0.095	0.111	0.107	0.125	32.53
9)		Acrolein	0.046	0.062	0.068	0.066	0.075	0.072	0.067	16.58
10)	CPM	1,1-Dichloroethene	0.170	0.182	0.167	0.207	0.193	0.196	0.189	8.70
11)		Methyl iodide	0.162	0.189	0.199	0.300	0.284	0.287	0.246	24.32
12)		1,1,2-Trichloro-1,2	0.207	0.222	0.202	0.250	0.234	0.231	0.227	7.85
13)		Methyl acetate	0.159	0.269	0.293	0.303	0.318	0.287	0.282	21.21
14)		Acrylonitrile	0.086	0.121	0.129	0.121	0.135	0.128	0.122	13.90
15)		Methylene chloride	0.443	0.330	0.282	0.352	0.313	0.292	0.331	16.62
16)		Carbon disulfide	0.680	0.808	0.712	0.784	0.812	0.780	0.755	7.10
17)		trans-1,2-Dichloroe	0.222	0.220	0.215	0.254	0.239	0.242	0.236	7.32
18)		Methyl tert-Butyl e	0.699	0.722	0.813	0.847	0.815	0.769	0.778	6.79
19)	P	1,1-Dichloroethane	0.450	0.456	0.455	0.505	0.478	0.470	0.471	4.21
20)		Vinyl acetate	0.245	0.370	0.400	0.441	0.495	0.449	0.411	20.61
21)		2-Butanone	0.193	0.186	0.196	0.178	0.209	0.202	0.196	5.69
22)		cis-1,2-Dichloroeth	0.239	0.241	0.256	0.285	0.269	0.270	0.264	7.72
23)		Bromochloromethane	0.108	0.110	0.125	0.133	0.129	0.129	0.126	10.51
24)	CP	Chloroform	0.424	0.415	0.421	0.465	0.441	0.433	0.436	4.05
25)		2,2-Dichloropropane	0.335	0.338	0.345	0.409	0.393	0.390	0.374	8.82
26)		Cyclohexane	0.476	0.461	0.446	0.534	0.509	0.504	0.491	6.32
27)	S	Dibromofluoromethan	0.202	0.197	0.209	0.230	0.221	0.222	0.218	7.87
28)	S	1,2-Dichloroethane-	0.307	0.284	0.303	0.314	0.306	0.292	0.303	3.82
29)		1,2-Dichloroethane	0.362	0.339	0.367	0.382	0.370	0.354	0.365	4.06
30)		1,1,1-Trichloroetha	0.353	0.352	0.357	0.424	0.399	0.401	0.386	8.02
31)		1,1-Dichloropropene	0.299	0.306	0.310	0.369	0.351	0.350	0.335	8.76
32)		Carbon tetrachlorid	0.245	0.246	0.259	0.323	0.309	0.319	0.291	13.56
33)	M	Benzene	1.037	1.013	1.051	1.157	1.038	0.941	1.010	10.03
34)	M	Trichloroethene	0.243	0.244	0.239	0.276	0.267	0.274	0.262	7.60
35)		Dibromomethane	0.136	0.137	0.157	0.165	0.161	0.156	0.155	8.94
36)		Methylcyclohexane	0.408	0.418	0.404	0.485	0.466	0.459	0.445	7.64
37)	CP	1,2-Dichloropropane	0.263	0.258	0.279	0.293	0.286	0.282	0.281	5.76
38)		Bromodichloromethan	0.264	0.273	0.313	0.341	0.337	0.333	0.318	11.39
39)		2-Chloroethylvinyl	0.023	0.031	0.032	0.026	0.027	0.027	0.028	11.49
40)		4-Methyl-2-pentanon	0.331	0.353	0.400	0.368	0.400	0.367	0.364	7.95
41)		cis-1,3-Dichloropro	0.345	0.360	0.429	0.466	0.459	0.447	0.425	12.07
42)	S	Toluene-d8	0.782	0.797	0.837	0.926	0.837	0.771	0.809*	8.23
43)	CPM	Toluene	0.865	0.696	0.657	0.754	0.693	0.655	0.707	11.34

ok @ 9-20-07

ABM 9-19-07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Sep 17 09:18:58 2007
Response via : Continuing Calibration

Calibration Files
2.0 =J4290.D 5.0 =J4291.D 20 =J4305.D
50 =J4293.D 100 =J4294.D 150 =J4295.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.299	0.320	0.386	0.422	0.422	0.409	0.385	14.03
45)		1,1,2-Trichloroetha	0.174	0.174	0.201	0.207	0.203	0.197	0.196	8.57
46)		2-Hexanone	0.220	0.248	0.293	0.266	0.300	0.284	0.268	10.41
47)		1,2-Dibromoethane	0.180	0.192	0.229	0.237	0.235	0.229	0.223	12.17
48)	I	Chlorobenzene-d5	----------			ISTD	----------			
49)		1,3-Dichloropropane	0.888	0.918	1.021	1.058	1.026	0.970	0.985	6.31
50)		Dibromochloromethan	0.426	0.435	0.544	0.606	0.607	0.603	0.557	17.00
51)		Tetrachloroethene	0.543	0.551	0.537	0.656	0.618	0.633	0.601	9.33
52)		1-Chlorohexane	0.712	0.729	0.710	0.872	0.821	0.806	0.781	8.18
53)		1,1,1,2-Tetrachloro	0.435	0.457	0.520	0.583	0.558	0.562	0.533	12.37
54)	PM	Chlorobenzene	1.563	1.557	1.584	1.748	1.612	1.519	1.576	5.87
55)	CP	Ethylbenzene	2.805	2.833	2.768	3.076	2.587	2.197	2.597	15.57
56)		(m+p)-Xylene	0.930	0.958	0.966	1.115	1.007	0.924	0.962	9.02
57)		o-Xylene	0.896	0.887	0.961	1.091	1.027	1.032	0.992	7.90
58)		Styrene	1.318	1.394	1.609	1.832	1.694	1.582	1.558	11.36
59)	P	Bromoform	0.242	0.264	0.357	0.418	0.428	0.432	0.377	25.15
60)	S	Bromofluorobenzene	0.787	0.691	0.725	0.792	0.753	0.747	0.756	5.12
61)	I	1,4-Dichlorobenzene-d	----------			ISTD	----------			
62)		trans-1,4-Dichloro-	0.129	0.142	0.206	0.222	0.233	0.221	0.200	23.25
63)	P	1,1,2,2-Tetrachloro	0.928	0.949	1.118	1.144	1.119	1.019	1.054	8.38
64)		Isopropylbenzene	3.201	3.349	3.559	3.866	3.289	2.791	3.211*	14.88
65)		1,2,3-Trichloroprop	0.885	0.866	0.995	1.003	1.003	0.909	0.950	6.39
66)		Bromobenzene	0.793	0.837	0.918	0.975	0.943	0.942	0.918	8.45
67)		n-Propylbenzene	3.860	3.946	4.023	4.425	3.695	3.036	3.655	17.16
68)		2-Chlorotoluene	2.623	2.628	2.727	2.944	2.726	2.510	2.641	7.25
69)		4-Chlorotoluene	2.235	2.258	2.349	2.562	2.364	2.145	2.269	8.21
70)		1,3,5-Trimethylbenz	2.400	2.501	2.607	2.909	2.639	2.366	2.508	9.78
71)		tert-Butylbenzene	2.127	2.244	2.435	2.704	2.437	2.251	2.322	9.49
72)		1,2,4-Trimethylbenz	2.230	2.271	2.451	2.690	2.466	2.241	2.340	9.09
73)		sec-Butylbenzene	3.183	3.412	3.605	4.001	3.367	2.842	3.265	15.53
74)		1,3-Dichlorobenzene	1.396	1.439	1.484	1.604	1.526	1.467	1.482	4.53
75)		p-Isopropyltoluene	2.445	2.618	2.743	3.131	2.779	2.441	2.617	11.79
76)		1,4-Dichlorobenzene	1.670	1.517	1.470	1.604	1.505	1.446	1.521	5.70
77)		n-Butylbenzene	2.188	2.305	2.289	2.684	2.433	2.173	2.288*	10.12
78)		1,2-Dichlorobenzene	1.351	1.377	1.469	1.551	1.481	1.431	1.443	4.63
79)		1,2-Dibromo-3-chlor	0.151	0.145	0.202	0.201	0.211	0.191	0.186	14.24
80)		1,2,4-Trichlorobenz	0.641	0.689	0.713	0.834	0.788	0.722	0.723	9.23
81)		Hexachlorobutadiene	0.471	0.517	0.550	0.637	0.595	0.543	0.542	11.12
82)		Naphthalene	1.080	1.188	1.734	1.832	1.726	1.476	1.488	19.48
83)		1,2,3-Trichlorobenz	0.591	0.618	0.709	0.783	0.714	0.639	0.672	9.85

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 19 09:34:38 2007
Response via : Initial Calibration

Calibration Files
200 =J4296.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.287		
3)	P	Chloromethane	0.354		
4)	CP	Vinyl chloride	0.341		
5)		Bromomethane	0.196		
6)		Chloroethane	0.241		
7)		Trichlorofluorometh	0.513		
8)		Acetone	0.114		
9)		Acrolein	0.080		
10)	CPM	1,1-Dichloroethene	0.208		
11)		Methyl iodide	0.300		
12)		1,1,2-Trichloro-1,2	0.243		
13)		Methyl acetate	0.347		
14)		Acrylonitrile	0.137		
15)		Methylene chloride	0.302		
16)		Carbon disulfide	0.708		
17)		trans-1,2-Dichloroe	0.259		
)		Methyl tert-Butyl e	0.782		
19)	P	1,1-Dichloroethane	0.485		
20)		Vinyl acetate	0.478		
21)		2-Butanone	0.207		
22)		cis-1,2-Dichloroeth	0.292		
23)		Bromochloromethane	0.146		
24)	CP	Chloroform	0.450		
25)		2,2-Dichloropropane	0.406		
26)		Cyclohexane	0.510		
27)	S	Dibromofluoromethan	0.247		
28)	S	1,2-Dichloroethane-	0.315		
29)		1,2-Dichloroethane	0.378		
30)		1,1,1-Trichloroetha	0.415		
31)		1,1-Dichloropropene	0.362		
32)		Carbon tetrachlorid	0.337		
33)	M	Benzene	0.831		
34)	M	Trichloroethene	0.290		
35)		Dibromomethane	0.174		
36)		Methylcyclohexane	0.475		
37)	CP	1,2-Dichloropropane	0.304		
38)		Bromodichloromethan	0.361		
39)		2-Chloroethylvinyl	0.030		
40)		4-Methyl-2-pentanon	0.329		
41)		cis-1,3-Dichloropro	0.465		
42)	S	Toluene-d8	0.714		
)	CPM	Toluene	0.630		

(#) = Out of Range ### Number of calibration levels exceeded format ###

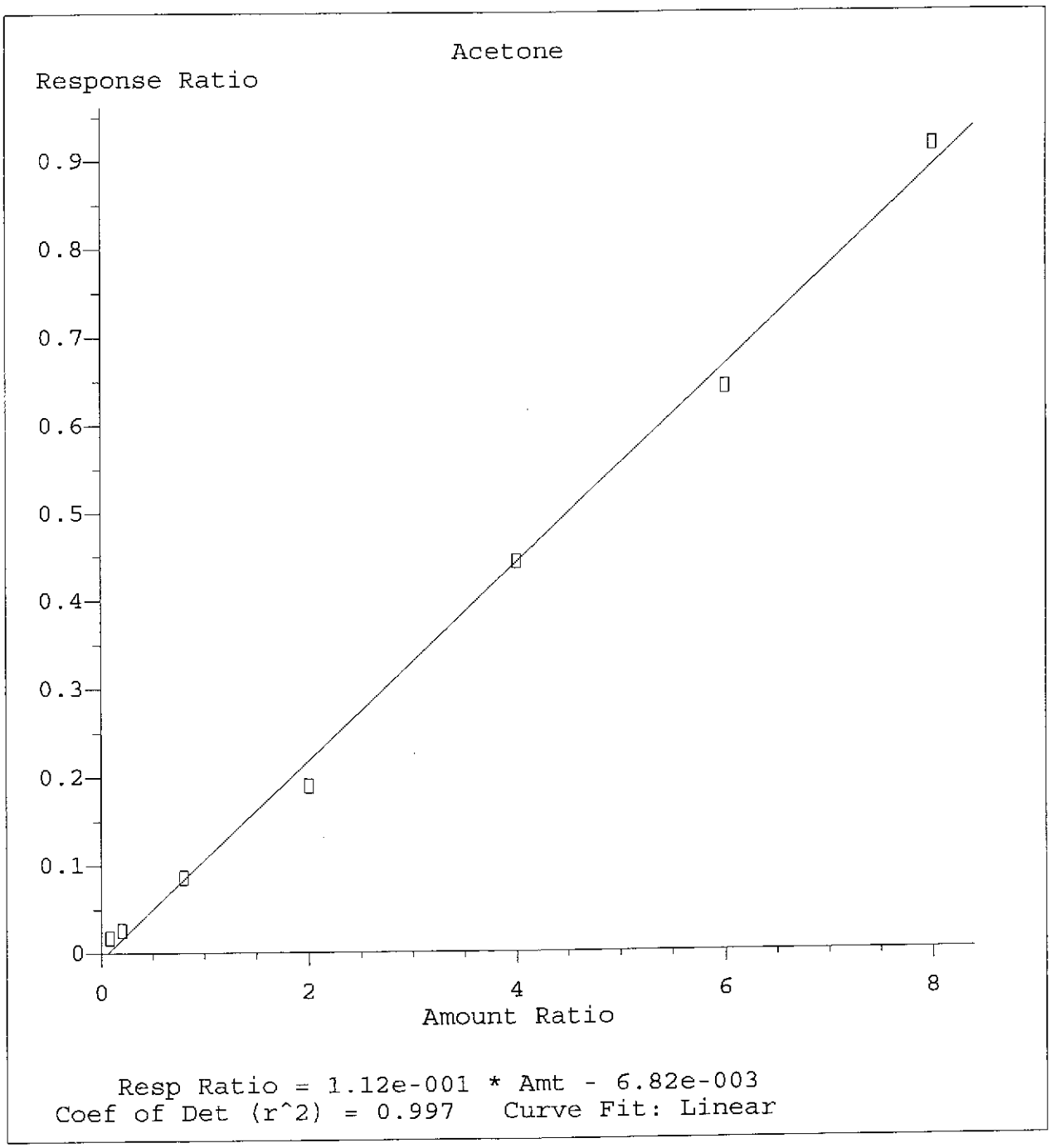
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 19 09:34:38 2007
Response via : Initial Calibration

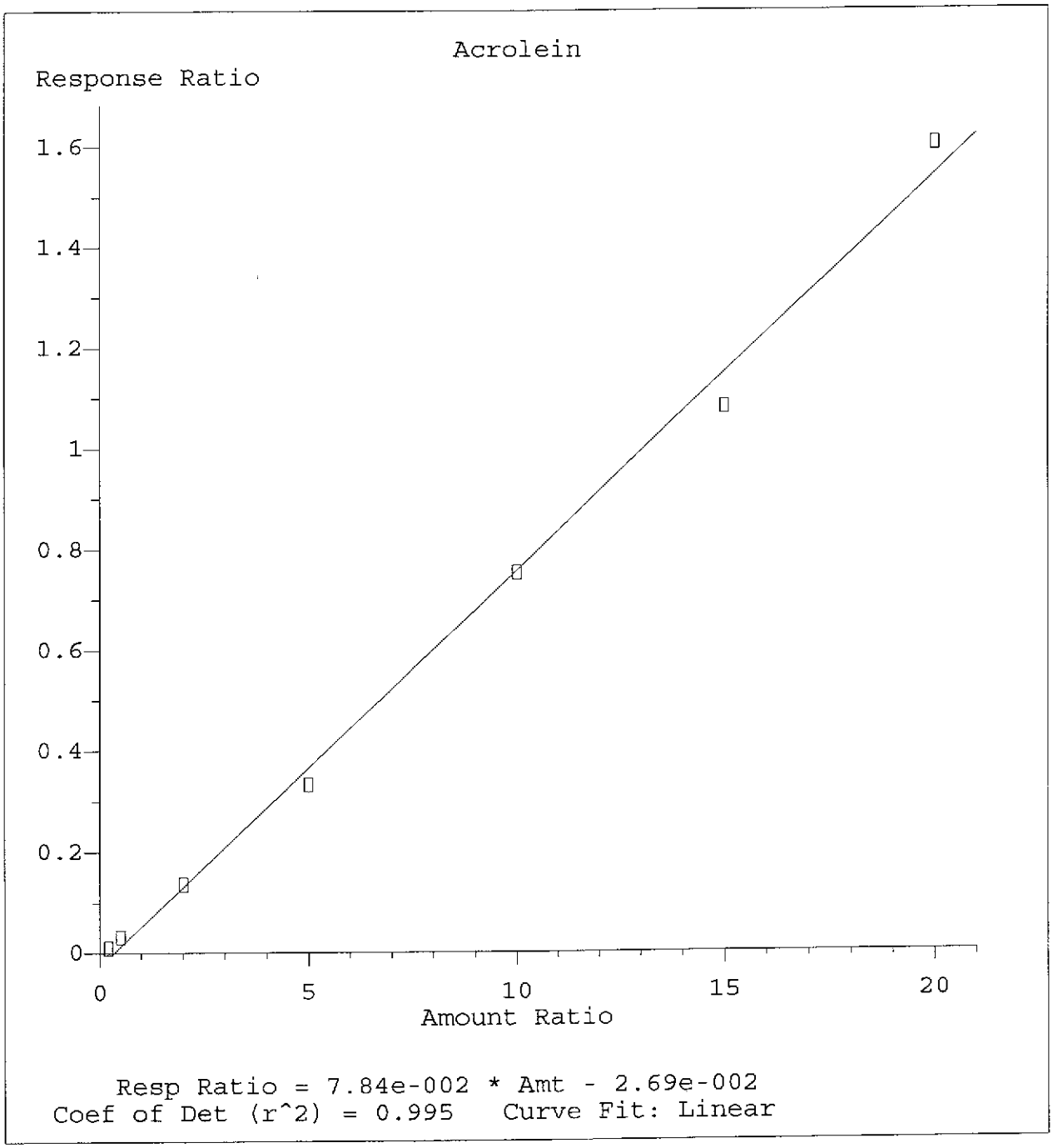
Calibration Files
200 =J4296.D = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.436		
45)		1,1,2-Trichloroetha	0.220		
46)		2-Hexanone	0.264		
47)		1,2-Dibromoethane	0.256		
48)	I	Chlorobenzene-d5	----------ISTD----		
49)		1,3-Dichloropropane	1.012		
50)		Dibromochloromethan	0.678		
51)		Tetrachloroethene	0.669		
52)		1-Chlorohexane	0.819		
53)		1,1,1,2-Tetrachloro	0.615		
54)	PM	Chlorobenzene	1.448		
55)	CP	Ethylbenzene	1.917		
56)		(m+p)-Xylene	0.831		
57)		o-Xylene	1.049		
58)		Styrene	1.477		
59)	P	Bromoform	0.500		
60)	S	Bromofluorobenzene	0.794		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----		
62)		trans-1,4-Dichloro-	0.251		
63)	P	1,1,2,2-Tetrachloro	1.101		
64)		Isopropylbenzene	2.425		
65)		1,2,3-Trichloroprop	0.989		
66)		Bromobenzene	1.014		
67)		n-Propylbenzene	2.597		
68)		2-Chlorotoluene	2.331		
69)		4-Chlorotoluene	1.968		
70)		1,3,5-Trimethylbenz	2.133		
71)		tert-Butylbenzene	2.057		
72)		1,2,4-Trimethylbenz	2.033		
73)		sec-Butylbenzene	2.447		
74)		1,3-Dichlorobenzene	1.457		
75)		p-Isopropyltoluene	2.164		
76)		1,4-Dichlorobenzene	1.434		
77)		n-Butylbenzene	1.942		
78)		1,2-Dichlorobenzene	1.440		
79)		1,2-Dibromo-3-chlor	0.201		
80)		1,2,4-Trichlorobenz	0.676		
81)		Hexachlorobutadiene	0.477		
82)		Naphthalene	1.379		
83)		1,2,3-Trichlorobenz	0.654		

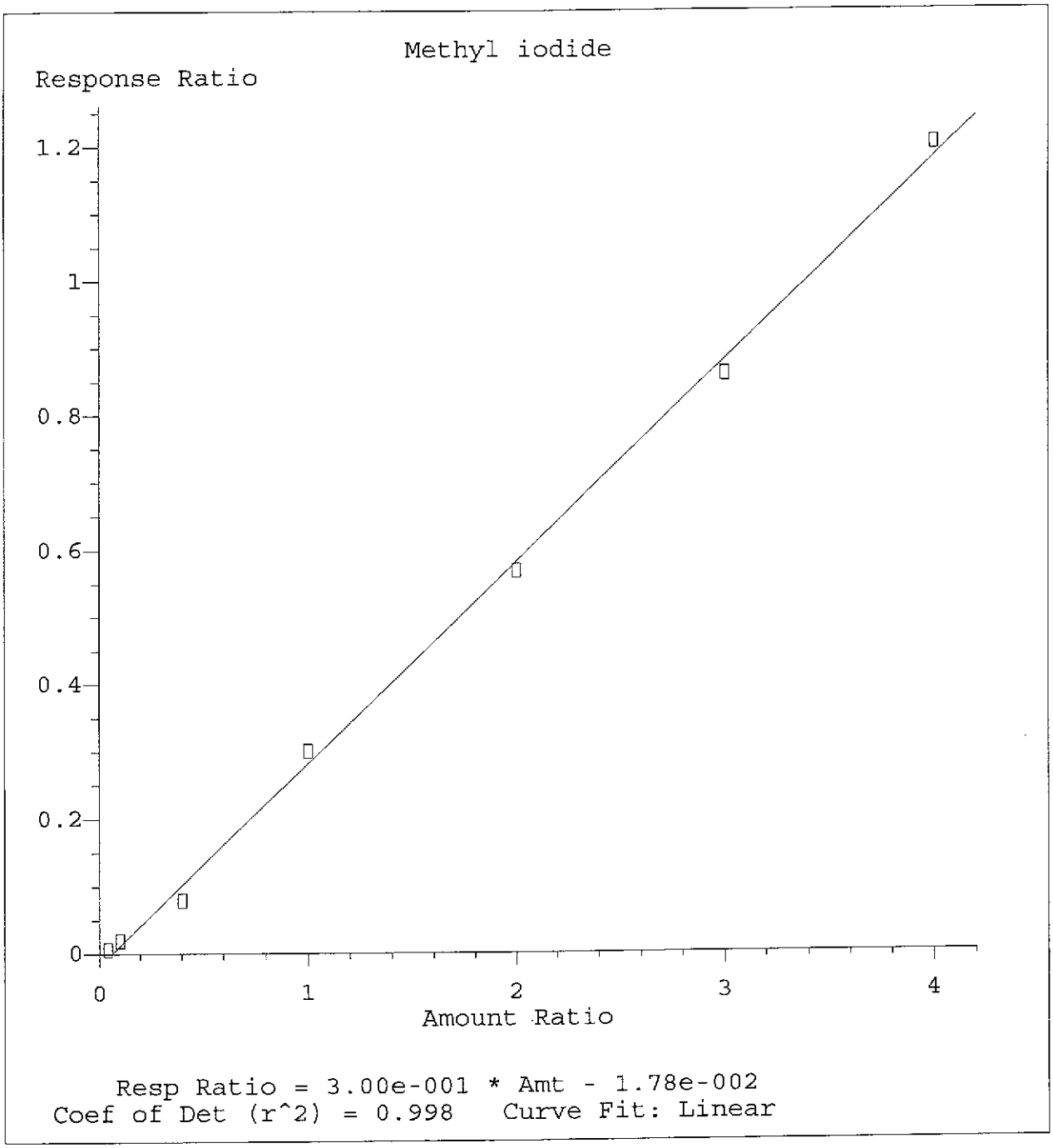
(#) = Out of Range ### Number of calibration levels exceeded format ###



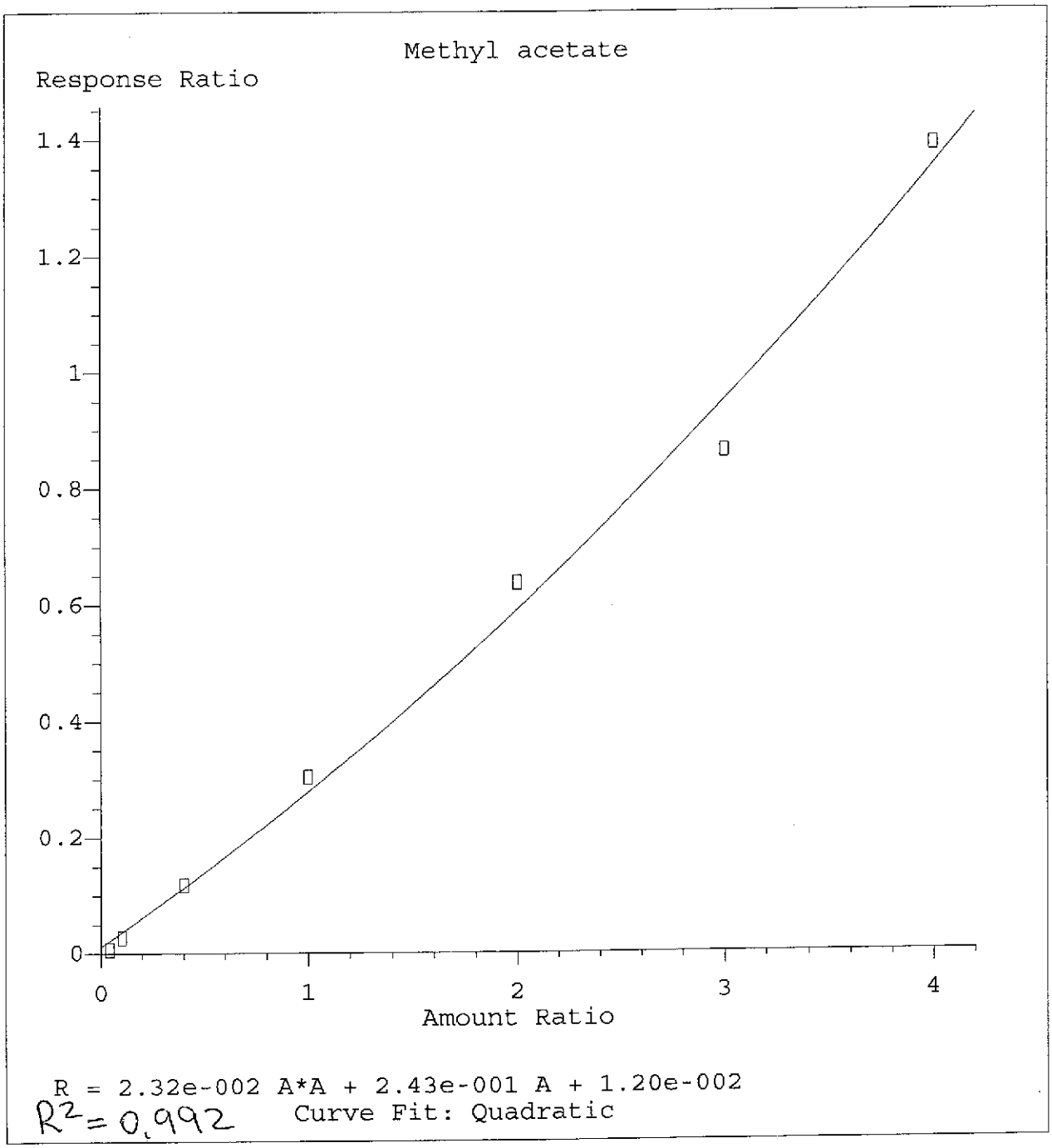
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:18:58 2007



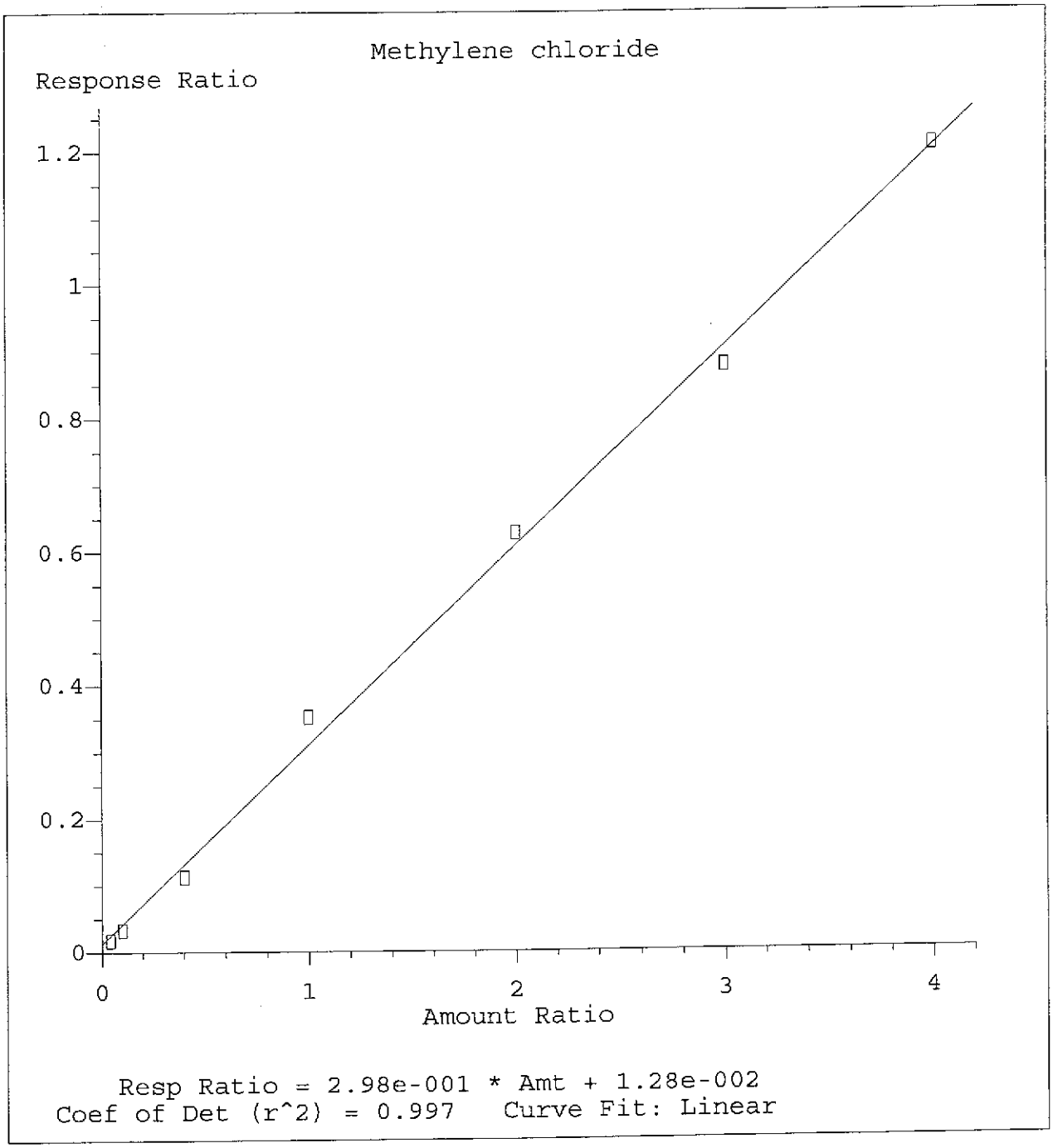
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:25:40 2007



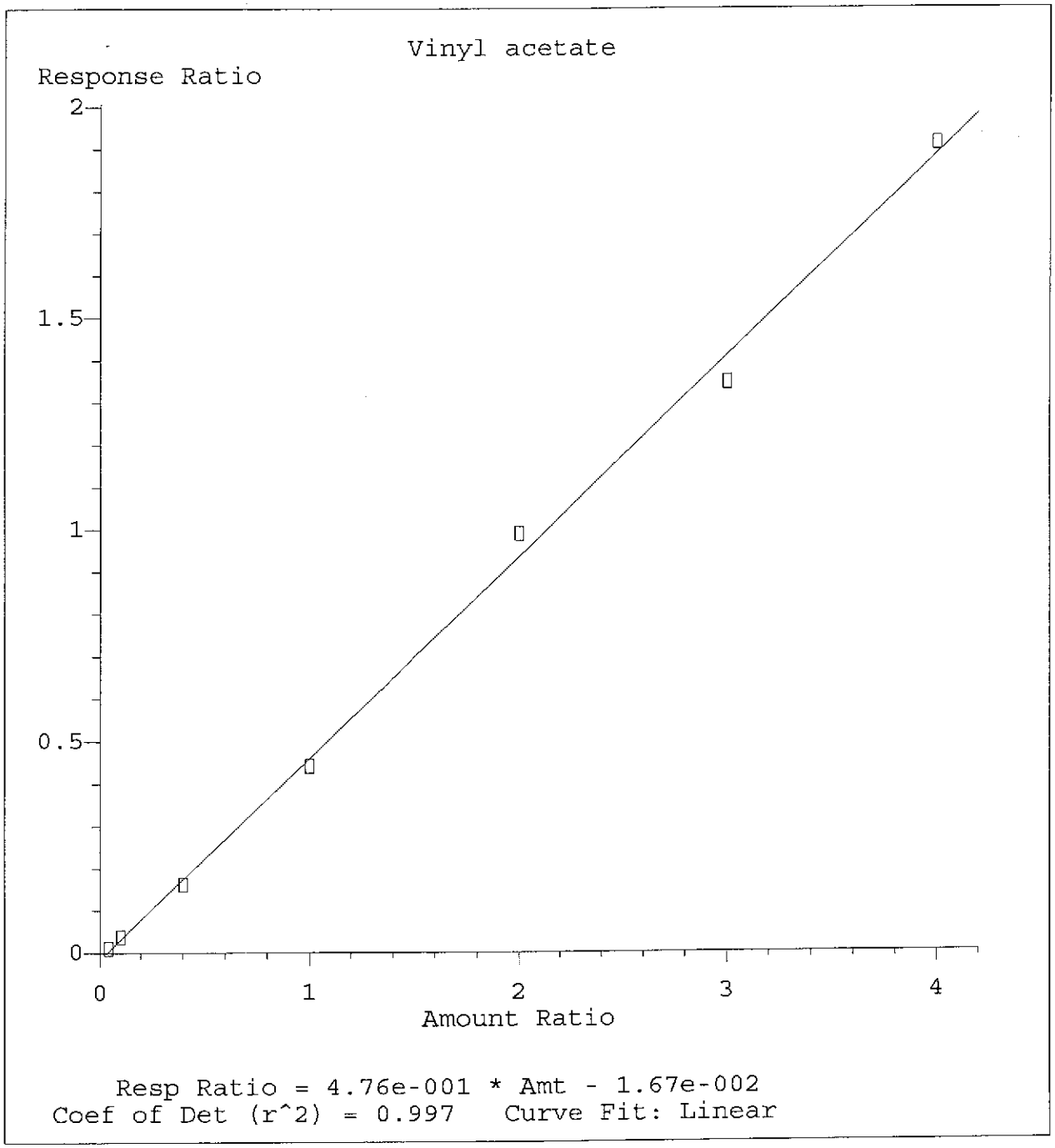
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Calibration Table Last Updated: Wed Sep 19 09:17:37 2007



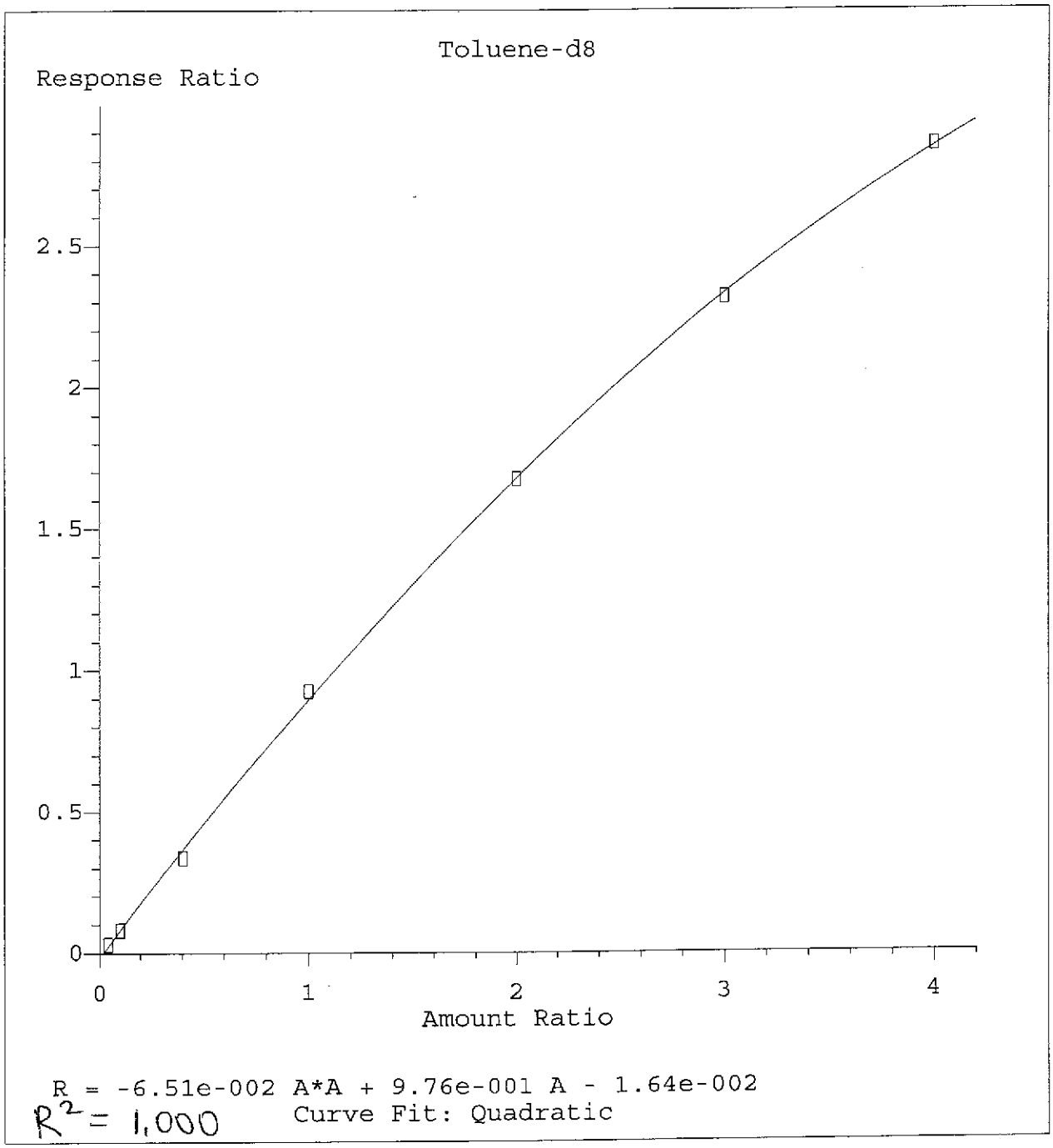
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:26:21 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:26:57 2007



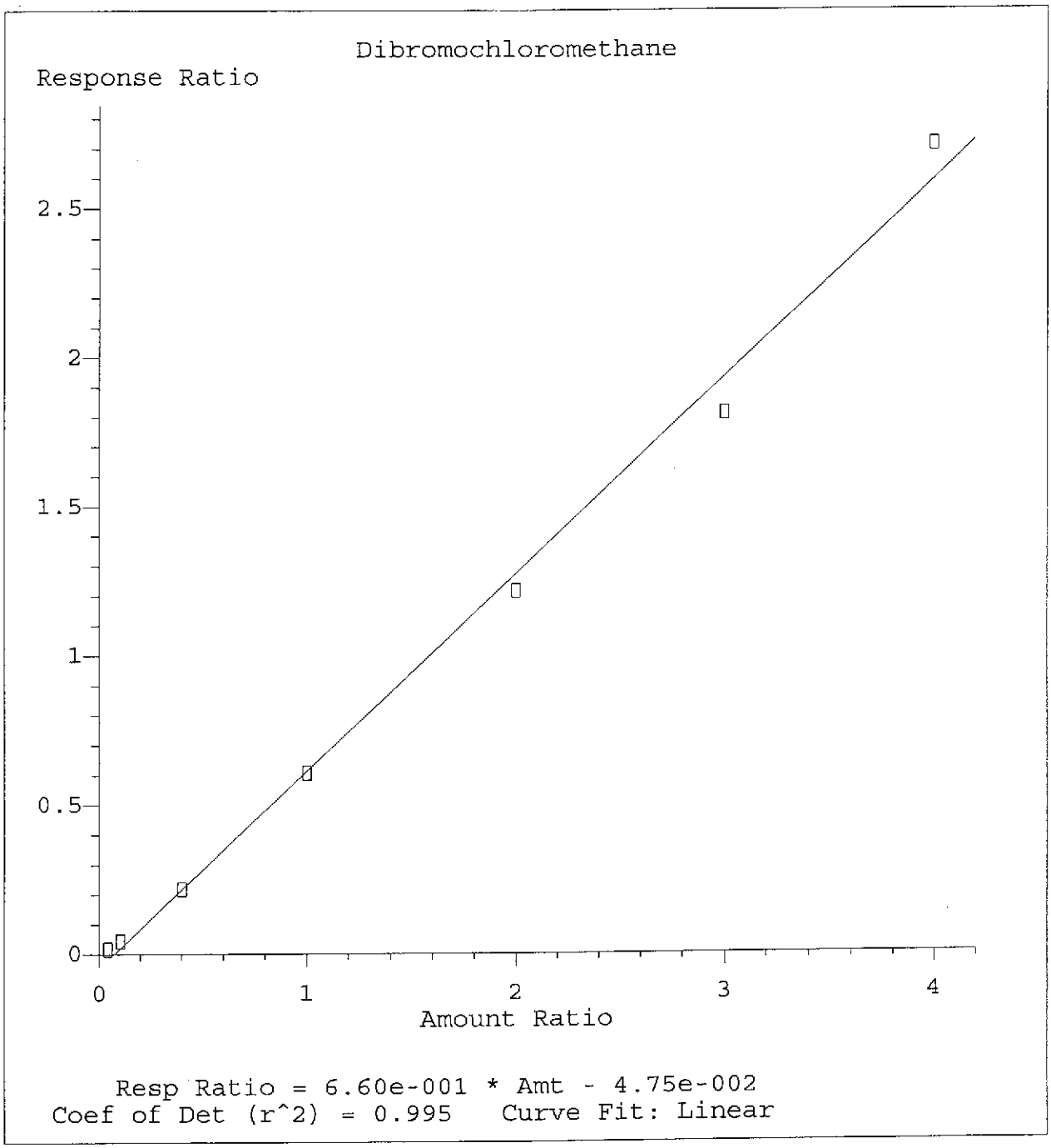
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:27:31 2007



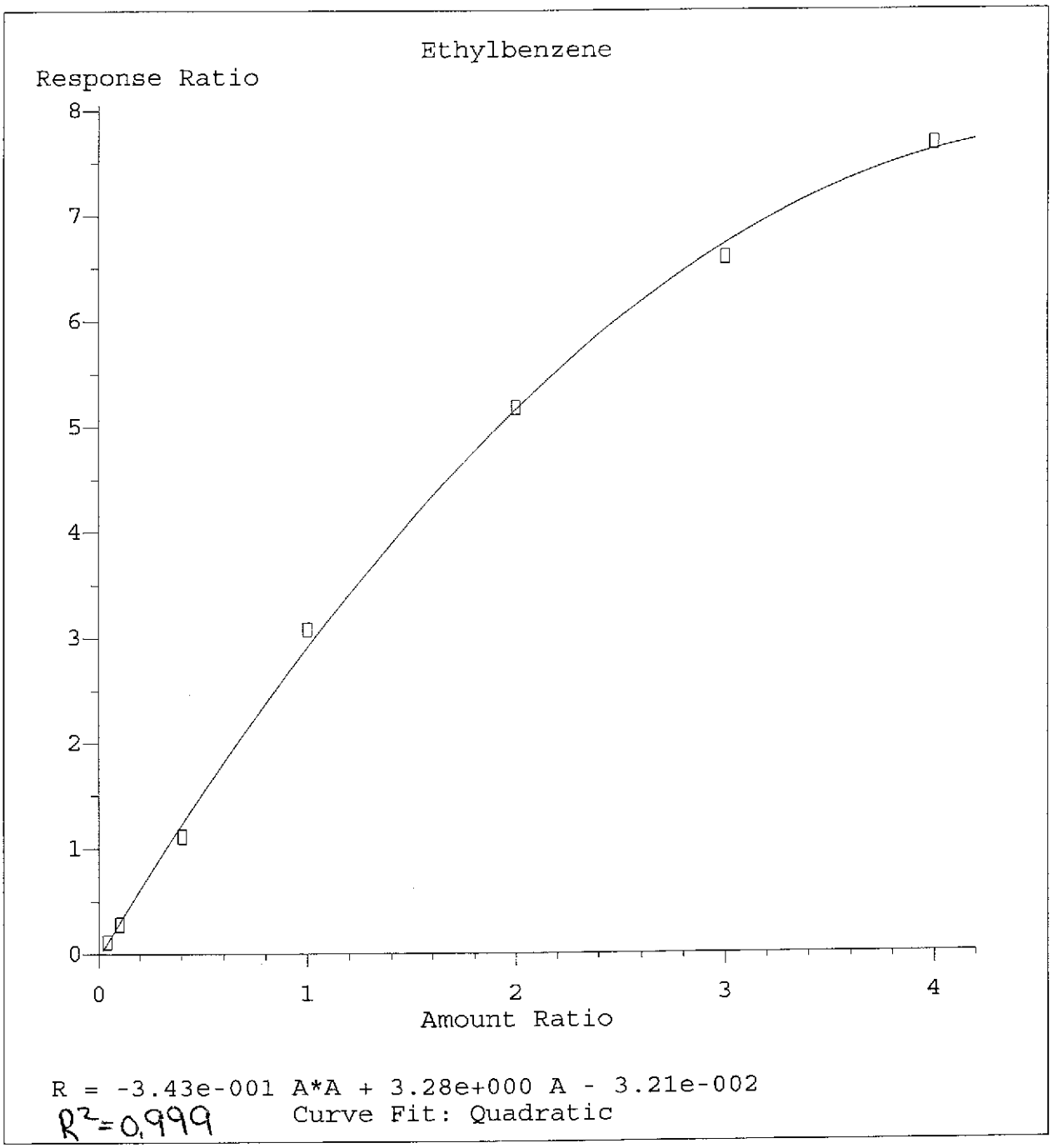
$R^2 = 1.000$

ABM 9-18-07

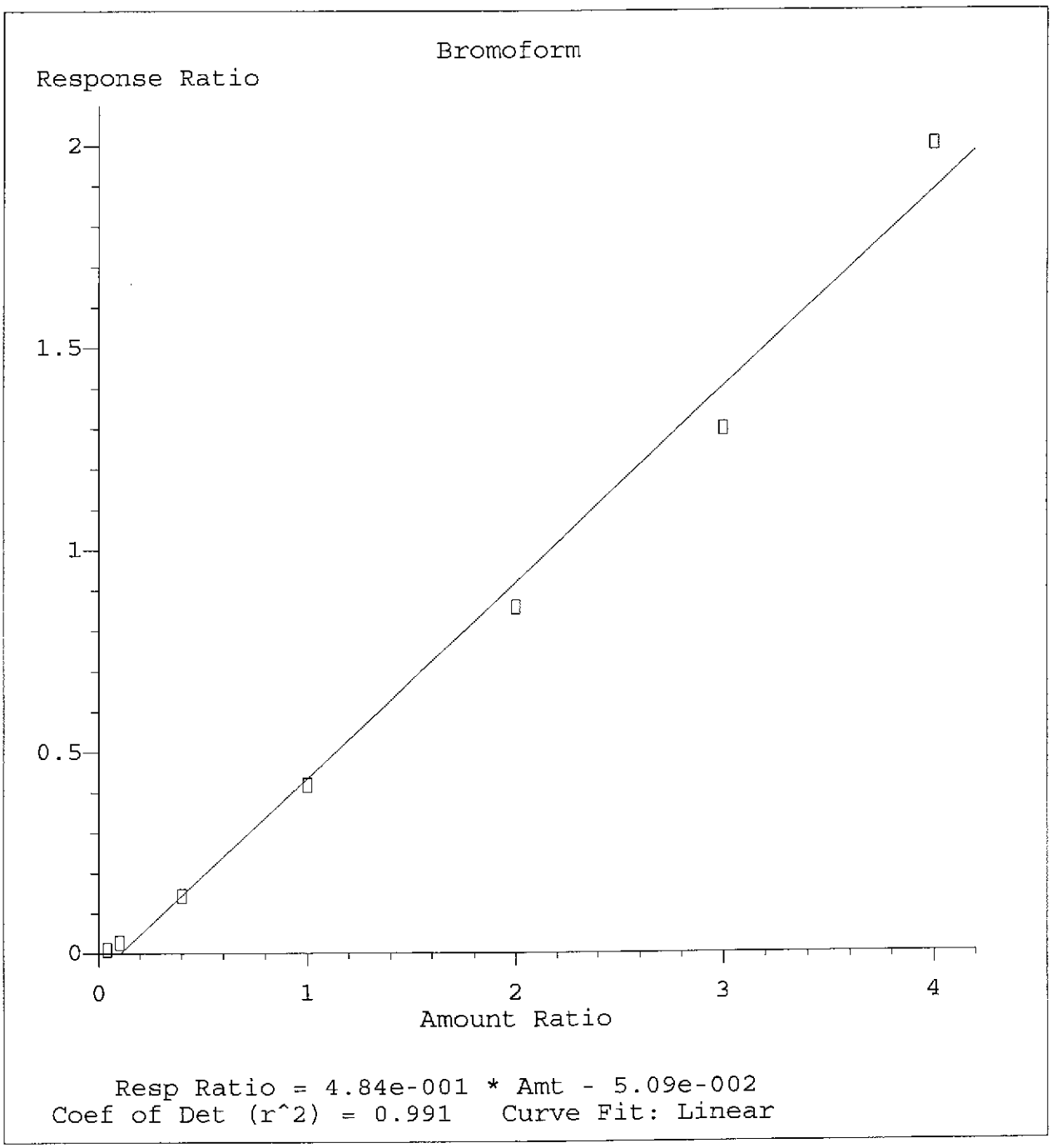
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Tue Sep 18 14:34:57 2007



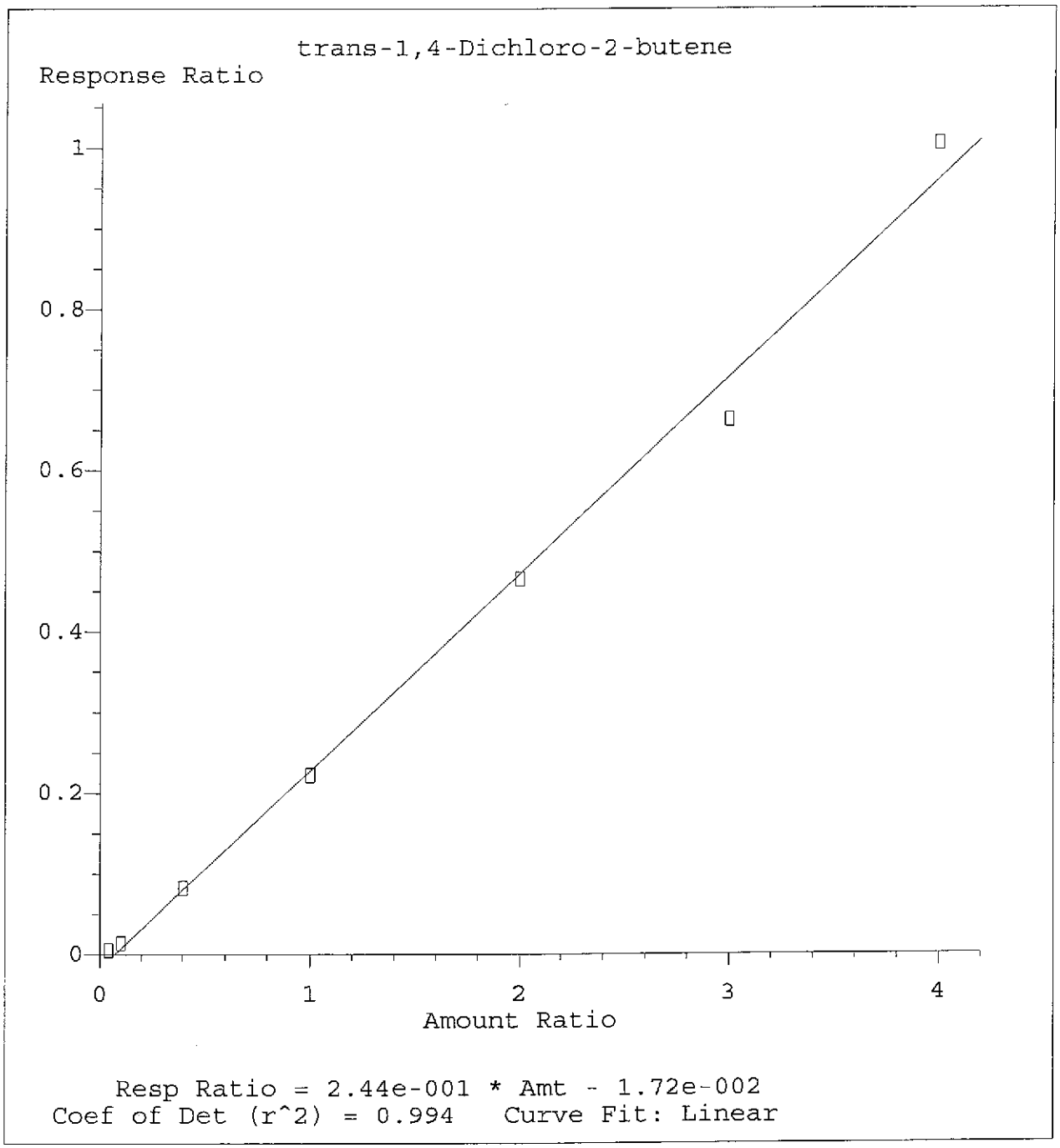
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:28:00 2007



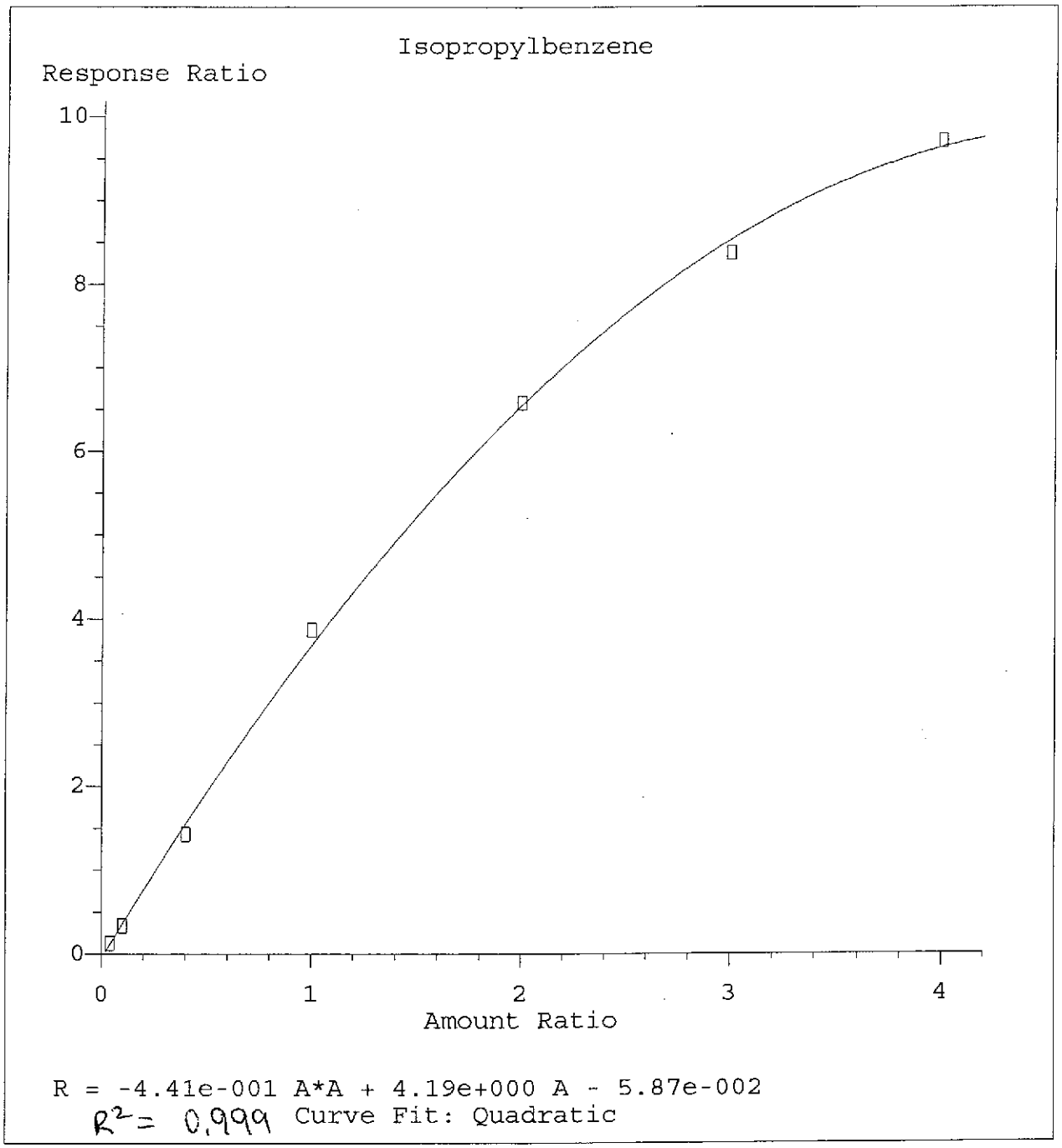
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:29:06 2007



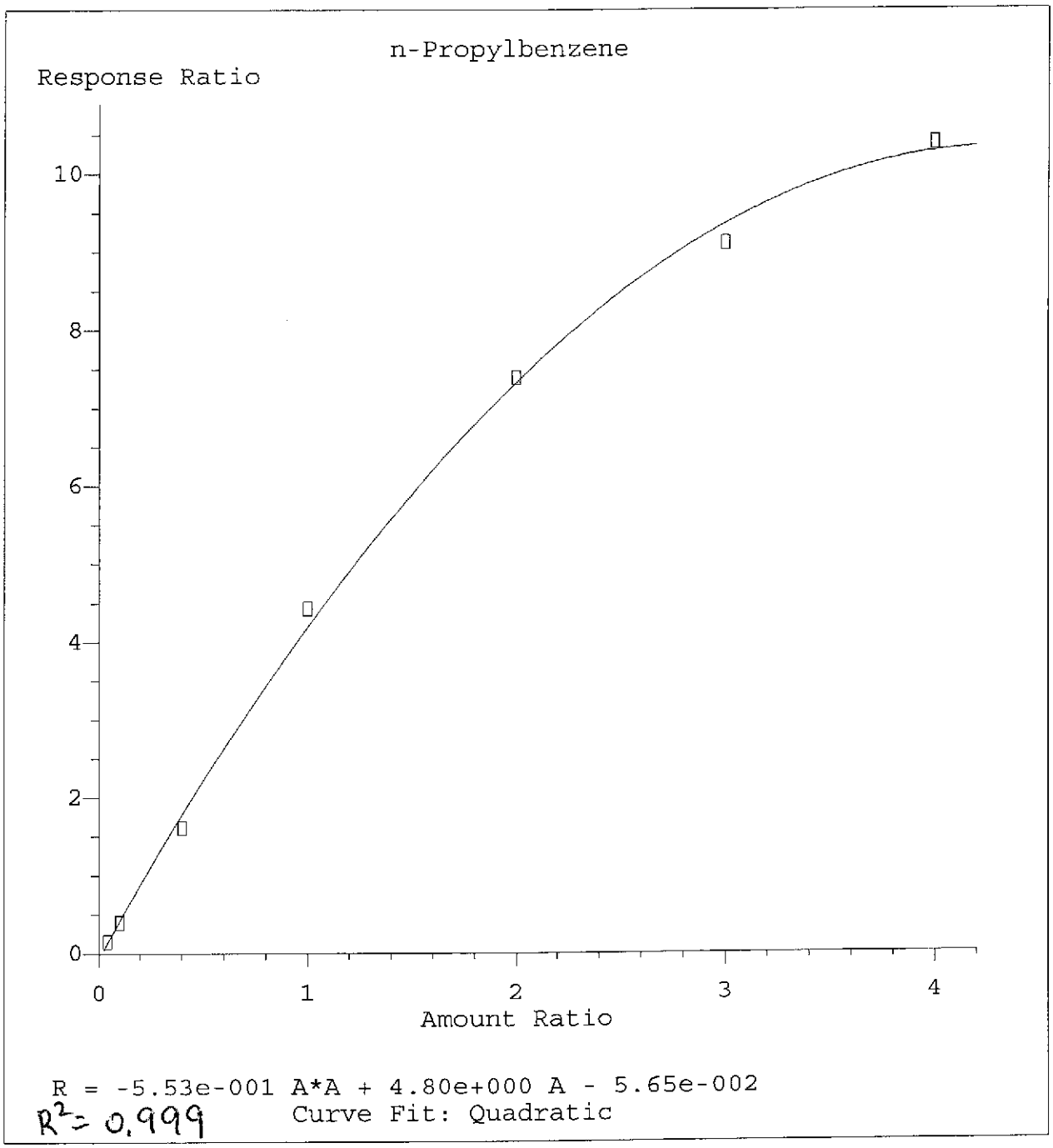
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:30:32 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:31:54 2007

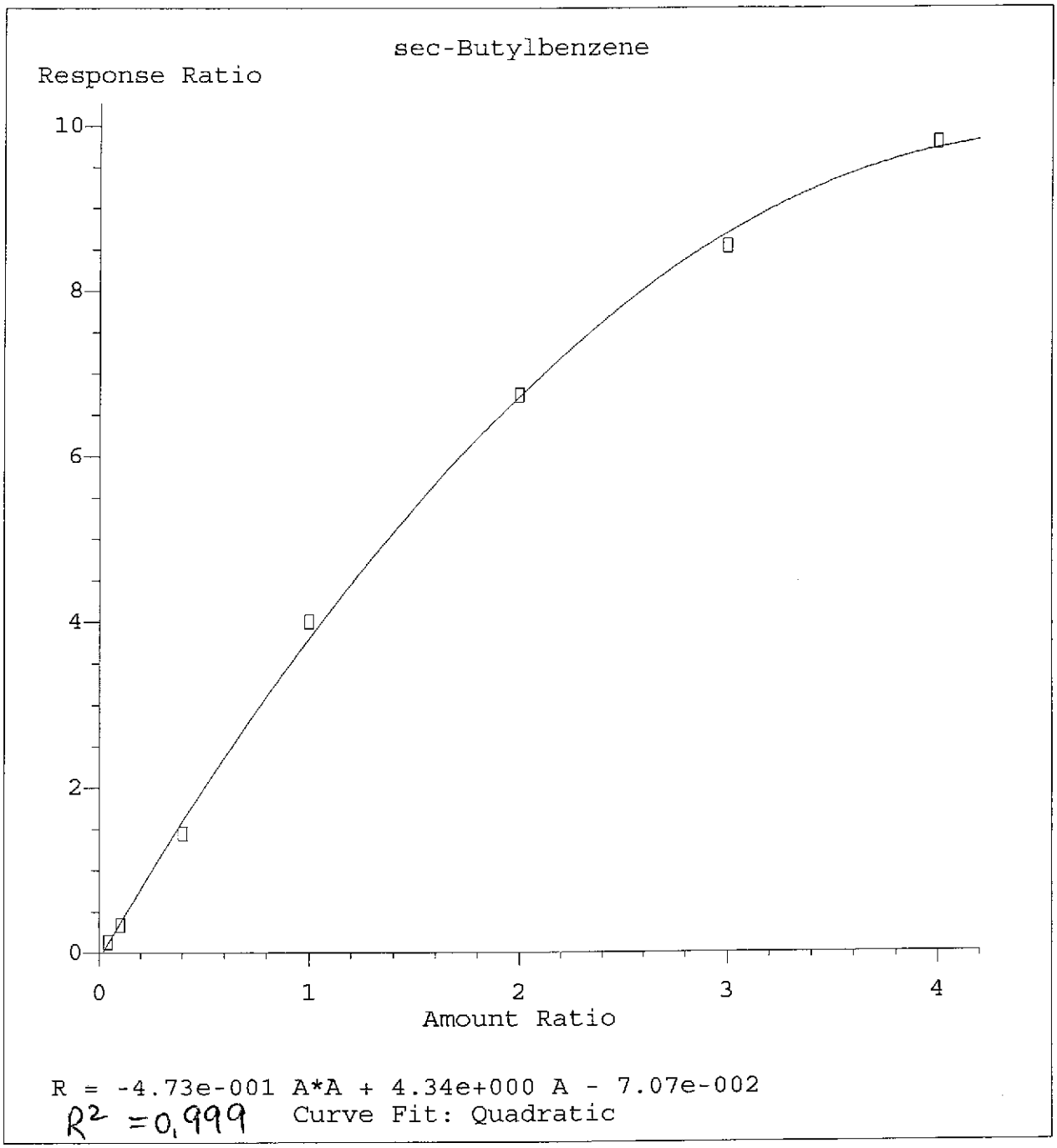


Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:45:12 2007

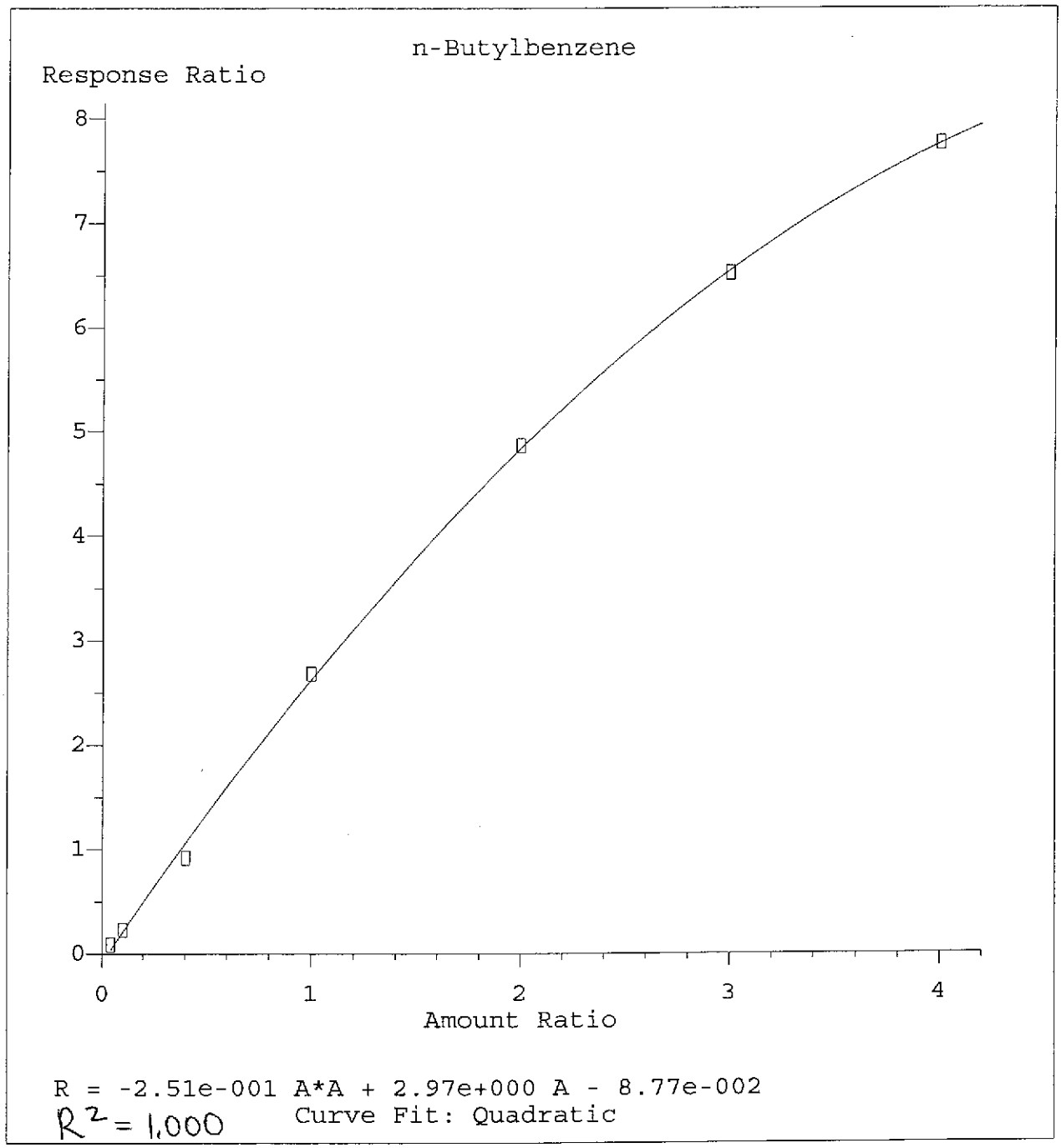


$R^2 = 0.999$

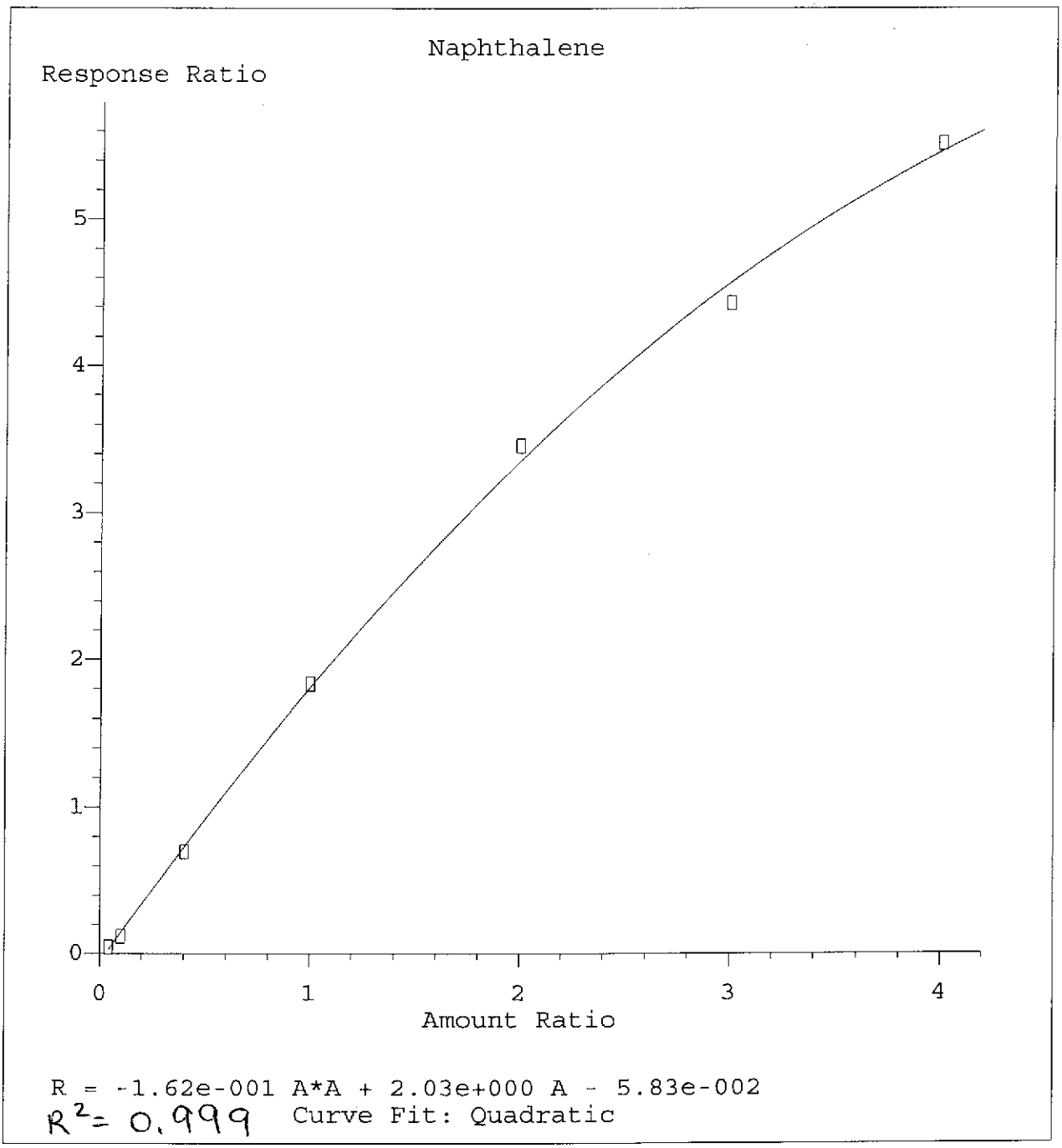
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:32:44 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:38:53 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:54:50 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:44:41 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 25-SEP-07

Initial Calibration ID: 1060

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

ICAL #1060

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	----------	----------	ISTD	----------	----------	----------		
2)		Dichlorodifluoromet	0.511	0.418	0.389	0.526	0.504	0.514	0.478	11.09
3)	P	Chloromethane	0.607	0.543	0.501	0.602	0.579	0.600	0.570	6.80
4)	CP	Vinyl chloride	0.499	0.448	0.407	0.535	0.521	0.541	0.494	9.94
5)		Bromomethane	0.401	0.361	0.257	0.315	0.324	0.354	0.336	13.33
6)		Chloroethane	0.419	0.360	0.322	0.384	0.371	0.378	0.370	7.99
7)		Trichlorofluorometh	0.595	0.561	0.506	0.663	0.673	0.639	0.605	9.80
8)		Acetone		0.076	0.058	0.058	0.060	0.058	0.061	11.58
9)		Acrolein	0.034	0.031	0.027	0.030	0.034	0.031	0.031	7.99
10)	CPM	1,1-Dichloroethene	0.187	0.173	0.167	0.207	0.215	0.207	0.195	9.75
11)		Methyl iodide	0.201	0.174	0.190	0.257	0.258	0.270	0.232	18.22
12)		1,1,2-Trichloro-1,2	0.236	0.209	0.210	0.257	0.266	0.254	0.241	9.59
13)		Methyl acetate	0.190	0.177	0.175	0.187	0.205	0.186	0.186	5.33
14)		Acrylonitrile	0.067	0.071	0.067	0.073	0.077	0.071	0.070	5.29
15)		Methylene chloride	0.553	0.441	0.297	0.285	0.277	0.268	0.341	32.61
16)		Carbon disulfide	0.939	0.821	0.780	1.001	0.974	0.936	0.901	9.23
17)		trans-1,2-Dichloroe	0.240	0.223	0.211	0.256	0.272	0.256	0.245	8.78
8)		Methyl tert-Butyl e	0.526	0.576	0.529	0.636	0.678	0.633	0.600	9.57
19)	P	1,1-Dichloroethane	0.484	0.473	0.429	0.510	0.522	0.490	0.483	6.20
20)		Vinyl acetate	0.262	0.252	0.259	0.313	0.343	0.352	0.303	14.71
21)		2-Butanone	0.094	0.098	0.086	0.096	0.100	0.097	0.095	4.68
22)		cis-1,2-Dichloroeth	0.260	0.258	0.237	0.281	0.298	0.280	0.270	7.40
23)		Bromochloromethane	0.120	0.132	0.110	0.122	0.127	0.126	0.123	5.87
24)	CP	Chloroform	0.498	0.440	0.408	0.485	0.496	0.465	0.463	7.15
25)		2,2-Dichloropropane	0.337	0.293	0.286	0.388	0.407	0.414	0.362	15.43
26)		Cyclohexane	0.455	0.408	0.399	0.566	0.574	0.561	0.502	15.63
27)	S	Dibromofluoromethan	0.224	0.207	0.184	0.225	0.235	0.225	0.218	7.88
28)	S	1,2-Dichloroethane-	0.283	0.273	0.255	0.292	0.302	0.278	0.280	5.33
29)		1,2-Dichloroethane	0.338	0.329	0.306	0.348	0.357	0.332	0.334	4.89
30)		1,1,1-Trichloroetha	0.394	0.347	0.323	0.428	0.436	0.426	0.397	11.29
31)		1,1-Dichloropropene	0.326	0.303	0.293	0.386	0.396	0.390	0.355	12.77
32)		Carbon tetrachlorid	0.272	0.239	0.234	0.314	0.334	0.335	0.295	15.55
33)	M	Benzene	1.097	1.018	0.975	1.196	1.161	1.104	1.085	7.25
34)	M	Trichloroethene	0.286	0.248	0.230	0.293	0.303	0.302	0.281	10.59
35)		Dibromomethane	0.148	0.126	0.130	0.143	0.151	0.144	0.141	6.66
36)		Methylcyclohexane	0.391	0.357	0.370	0.496	0.506	0.500	0.446	15.59
37)	CP	1,2-Dichloropropane	0.276	0.274	0.246	0.291	0.302	0.296	0.283	6.85
38)		Bromodichloromethan	0.296	0.263	0.276	0.339	0.352	0.344	0.316	11.64
39)		2-Chloroethylvinyl	0.070	0.081	0.078	0.110	0.120	0.113	0.096	20.42
40)		4-Methyl-2-pentanon			0.175	0.213	0.220	0.228	0.212	10.09
41)		cis-1,3-Dichloropro	0.344	0.334	0.313	0.419	0.441	0.439	0.389	14.45
42)	S	Toluene-d8	0.886	0.816	0.793	1.019	0.991	0.995	0.923	9.89
43)	CPM	Toluene	0.610	0.610	0.608	0.781	0.770	0.786	0.705	12.76

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Oshin

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.236	0.247	0.255	0.341	0.367	0.374	0.315	20.80
45)		1,1,2-Trichloroetha	0.174	0.162	0.152	0.178	0.185	0.177	0.172	6.60
46)		2-Hexanone			0.107	0.140	0.146	0.156	0.141	14.35
47)	I	Chlorobenzene-d5	----------ISTD----------							
48)		1,2-Dibromoethane	0.401	0.378	0.353	0.410	0.425	0.401	0.398	6.20
49)		1,3-Dichloropropane	0.812	0.758	0.744	0.835	0.859	0.798	0.801	5.05
50)		Dibromochloromethan	0.378	0.368	0.368	0.453	0.494	0.476	0.433	13.66
51)		Tetrachloroethene	0.677	0.523	0.488	0.597	0.598	0.585	0.581	10.51
52)		1-Chlorohexane	0.589	0.577	0.608	0.860	0.837	0.842	0.739	18.73
53)		1,1,1,2-Tetrachloro	0.451	0.446	0.387	0.481	0.515	0.495	0.469	9.67
54)	PM	Chlorobenzene	1.679	1.625	1.476	1.769	1.741	1.688	1.661	5.75
55)	CP	Ethylbenzene	3.142	2.894	2.655	3.332	3.219	2.966	2.990	8.48
56)		(m+p)-Xylene	0.918	0.868	0.880	1.122	1.108	1.062	1.003	11.01
57)		o-Xylene	0.864	0.803	0.820	1.070	1.065	1.040	0.961	13.04
58)		Styrene	1.137	1.042	1.235	1.738	1.764	1.709	1.479	21.91
59)	P	Bromoform	0.188	0.200	0.174	0.245	0.267	0.277	0.235	20.11
60)	S	Bromofluorobenzene	0.884	0.628	0.602	0.777	0.776	0.755	0.742	13.03
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
62)		trans-1,4-Dichloro-	0.091	0.073	0.076	0.120	0.139	0.153	0.116	30.76
63)	P	1,1,2,2-Tetrachloro	0.986	0.986	0.909	0.916	0.892	0.901	0.923	4.91
64)		Isopropylbenzene	4.545	4.223	3.915	4.692	4.524	4.125	4.246	8.55
65)		1,2,3-Trichloroprop	0.804	0.846	0.714	0.757	0.695	0.749	0.758	6.83
66)		Bromobenzene	1.129	1.054	0.935	1.090	1.094	1.095	1.072	6.04
67)		n-Propylbenzene	4.789	4.551	4.329	5.168	4.955	4.423	4.590	9.15
68)		2-Chlorotoluene	3.484	3.319	3.047	3.551	3.473	3.290	3.323	5.88
69)		4-Chlorotoluene	2.653	2.717	2.484	2.927	2.882	2.722	2.710	5.75
70)		1,3,5-Trimethylbenz	2.753	2.693	2.697	3.254	3.150	2.915	2.884	8.03
71)		tert-Butylbenzene	2.677	2.562	2.439	2.869	2.787	2.654	2.644	5.69
72)		1,2,4-Trimethylbenz	2.551	2.287	2.457	2.939	2.847	2.632	2.592	8.98
73)		sec-Butylbenzene	3.791	3.581	3.659	4.335	4.051	3.631	3.754	9.46
74)		1,3-Dichlorobenzene	1.658	1.542	1.448	1.734	1.733	1.691	1.638	6.47
75)		p-Isopropyltoluene	2.453	2.496	2.554	3.241	3.140	2.911	2.778	11.51
76)		1,4-Dichlorobenzene	1.615	1.646	1.404	1.653	1.636	1.598	1.591	5.42
77)		n-Butylbenzene	1.861	1.749	1.974	2.823	2.749	2.546	2.288	19.04
78)		1,2-Dichlorobenzene	1.453	1.442	1.400	1.623	1.615	1.563	1.519	5.81
79)		1,2-Dibromo-3-chlor	0.092	0.086	0.097	0.128	0.135	0.140	0.117	21.01
80)		1,2,4-Trichlorobenz	0.213	0.195	0.400	0.742	0.833	0.847	0.580	51.73
81)		Hexachlorobutadiene	0.317	0.344	0.403	0.515	0.521	0.537	0.456	21.64
82)		Naphthalene	0.388	0.387	0.510	1.348	1.564	1.524	1.021	54.87
83)		1,2,3-Trichlorobenz	0.184	0.162	0.423	0.753	0.827	0.824	0.569	53.65

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.483		
3)	P	Chloromethane	0.557		
4)	CP	Vinyl chloride	0.508		
5)		Bromomethane	0.342		
6)		Chloroethane	0.355		
7)		Trichlorofluorometh	0.599		
8)		Acetone	0.057		
9)		Acrolein	0.031		
10)	CPM	1,1-Dichloroethene	0.206		
11)		Methyl iodide	0.275		
12)		1,1,2-Trichloro-1,2	0.255		
13)		Methyl acetate	0.184		
14)		Acrylonitrile	0.068		
15)		Methylene chloride	0.269		
16)		Carbon disulfide	0.852		
17)		trans-1,2-Dichloroe	0.255		
)		Methyl tert-Butyl e	0.618		
19)	P	1,1-Dichloroethane	0.474		
20)		Vinyl acetate	0.342		
21)		2-Butanone	0.095		
22)		cis-1,2-Dichloroeth	0.278		
23)		Bromochloromethane	0.127		
24)	CP	Chloroform	0.448		
25)		2,2-Dichloropropane	0.409		
26)		Cyclohexane	0.554		
27)	S	Dibromofluoromethan	0.226		
28)	S	1,2-Dichloroethane-	0.277		
29)		1,2-Dichloroethane	0.327		
30)		1,1,1-Trichloroetha	0.422		
31)		1,1-Dichloropropene	0.387		
32)		Carbon tetrachlorid	0.338		
33)	M	Benzene	1.041		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.144		
36)		Methylcyclohexane	0.503		
37)	CP	1,2-Dichloropropane	0.296		
38)		Bromodichloromethan	0.341		
39)		2-Chloroethylvinyl	0.101		
40)		4-Methyl-2-pentanon	0.224		
41)		cis-1,3-Dichloropro	0.434		
42)	S	Toluene-d8	0.960		
)	CPM	Toluene	0.771		

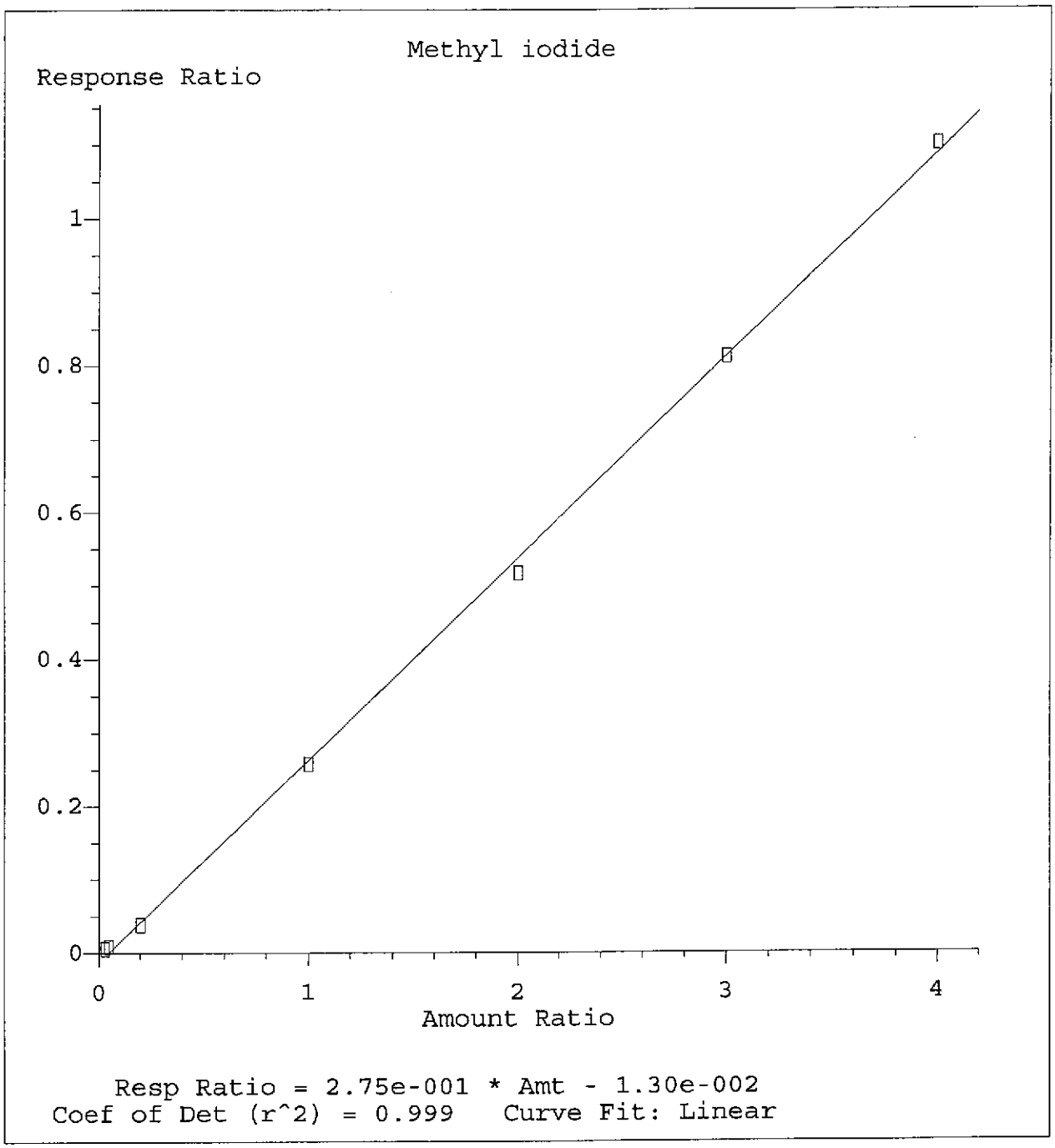
(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

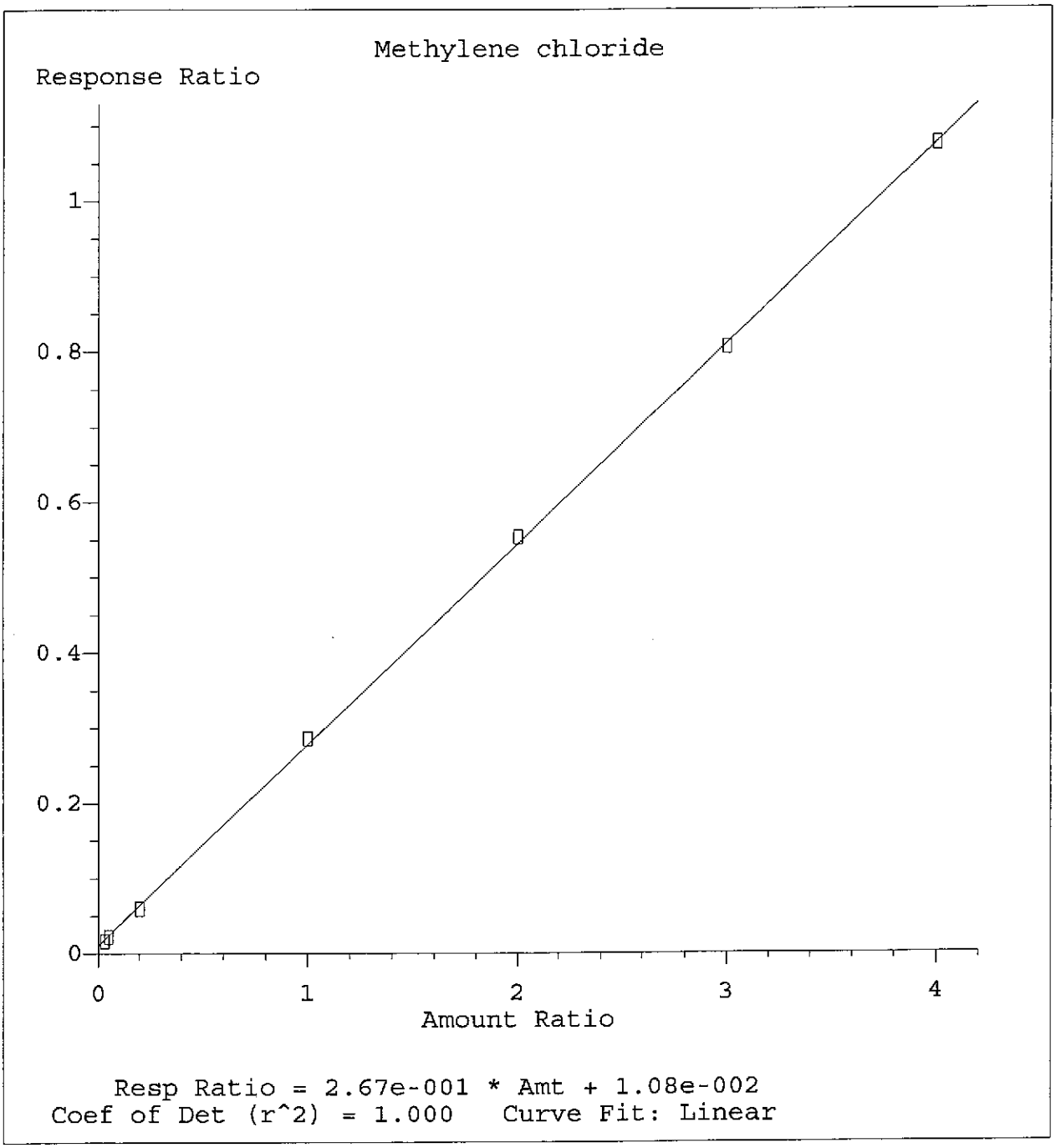
Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.381		
45)		1,1,2-Trichloroetha	0.179		
46)		2-Hexanone	0.155		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.416		
49)		1,3-Dichloropropane	0.797		
50)		Dibromochloromethan	0.492		
51)		Tetrachloroethene	0.602		
52)		1-Chlorohexane	0.859		
53)		1,1,1,2-Tetrachloro	0.512		
54)	PM	Chlorobenzene	1.649		
55)	CP	Ethylbenzene	2.722		
56)		(m+p)-Xylene	1.064		
57)		o-Xylene	1.066		
58)		Styrene	1.726		
59)	P	Bromoform	0.293		
60)	S	Bromofluorobenzene	0.772		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.156		
63)	P	1,1,2,2-Tetrachloro	0.871		
64)		Isopropylbenzene	3.698		
65)		1,2,3-Trichloroprop	0.740		
66)		Bromobenzene	1.110		
67)		n-Propylbenzene	3.916		
68)		2-Chlorotoluene	3.095		
69)		4-Chlorotoluene	2.588		
70)		1,3,5-Trimethylbenz	2.726		
71)		tert-Butylbenzene	2.523		
72)		1,2,4-Trimethylbenz	2.434		
73)		sec-Butylbenzene	3.229		
74)		1,3-Dichlorobenzene	1.658		
75)		p-Isopropyltoluene	2.653		
76)		1,4-Dichlorobenzene	1.582		
77)		n-Butylbenzene	2.316		
78)		1,2-Dichlorobenzene	1.540		
79)		1,2-Dibromo-3-chlor	0.144		
80)		1,2,4-Trichlorobenz	0.830		
81)		Hexachlorobutadiene	0.551		
82)		Naphthalene	1.427		
83)		1,2,3-Trichlorobenz	0.812		

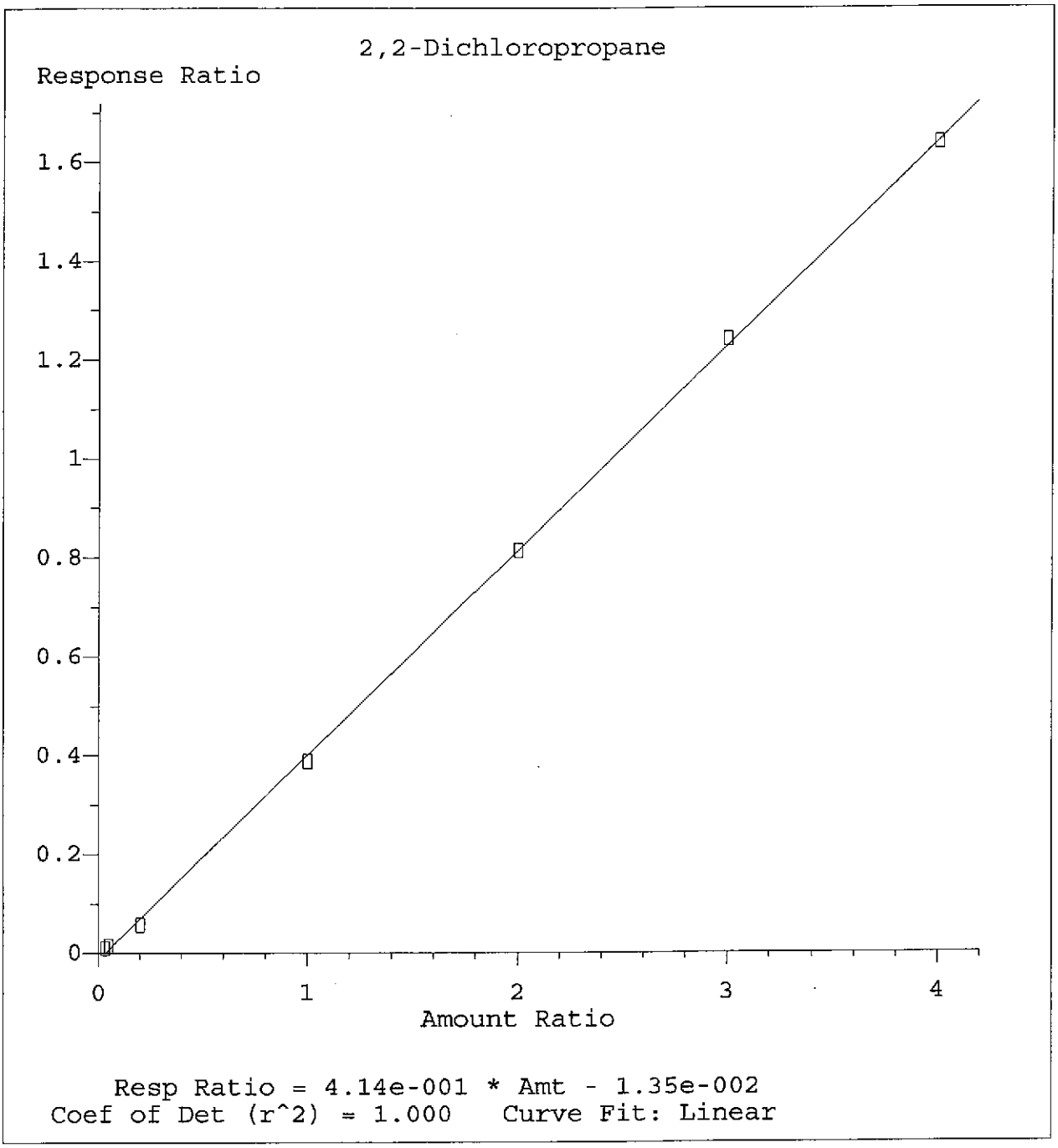
(#) = Out of Range ### Number of calibration levels exceeded format ###



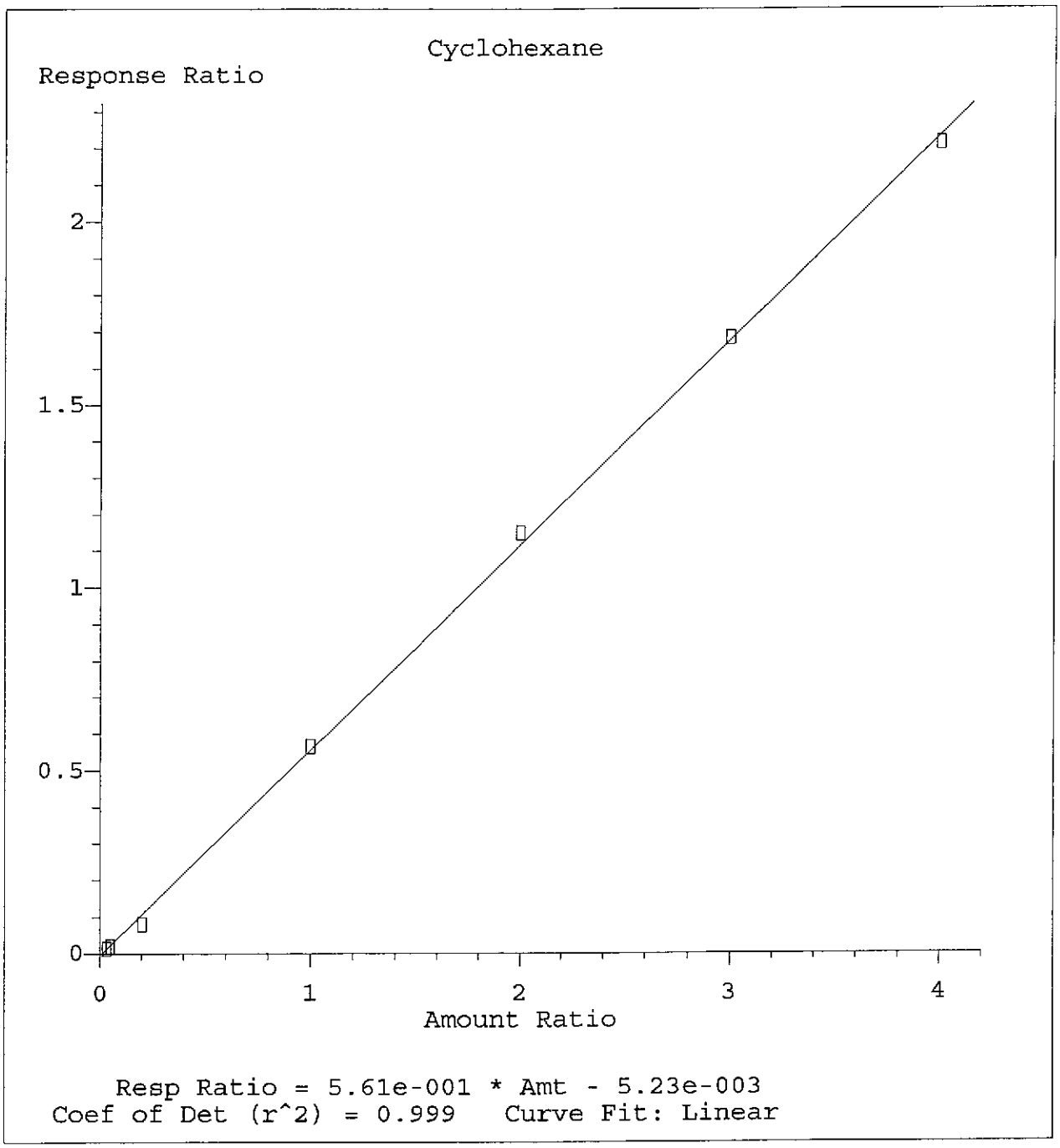
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:20:54 2007



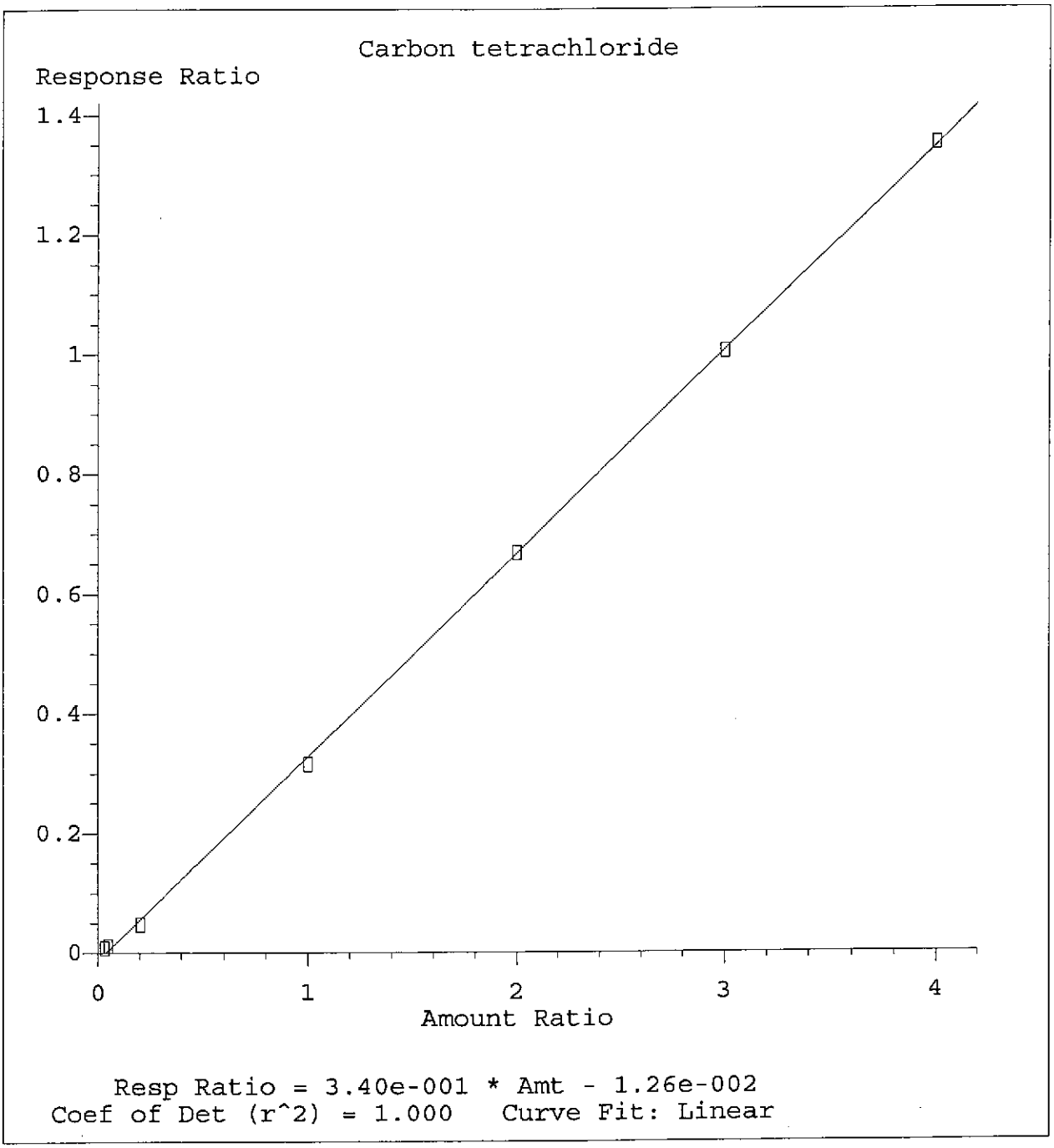
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:21:32 2007



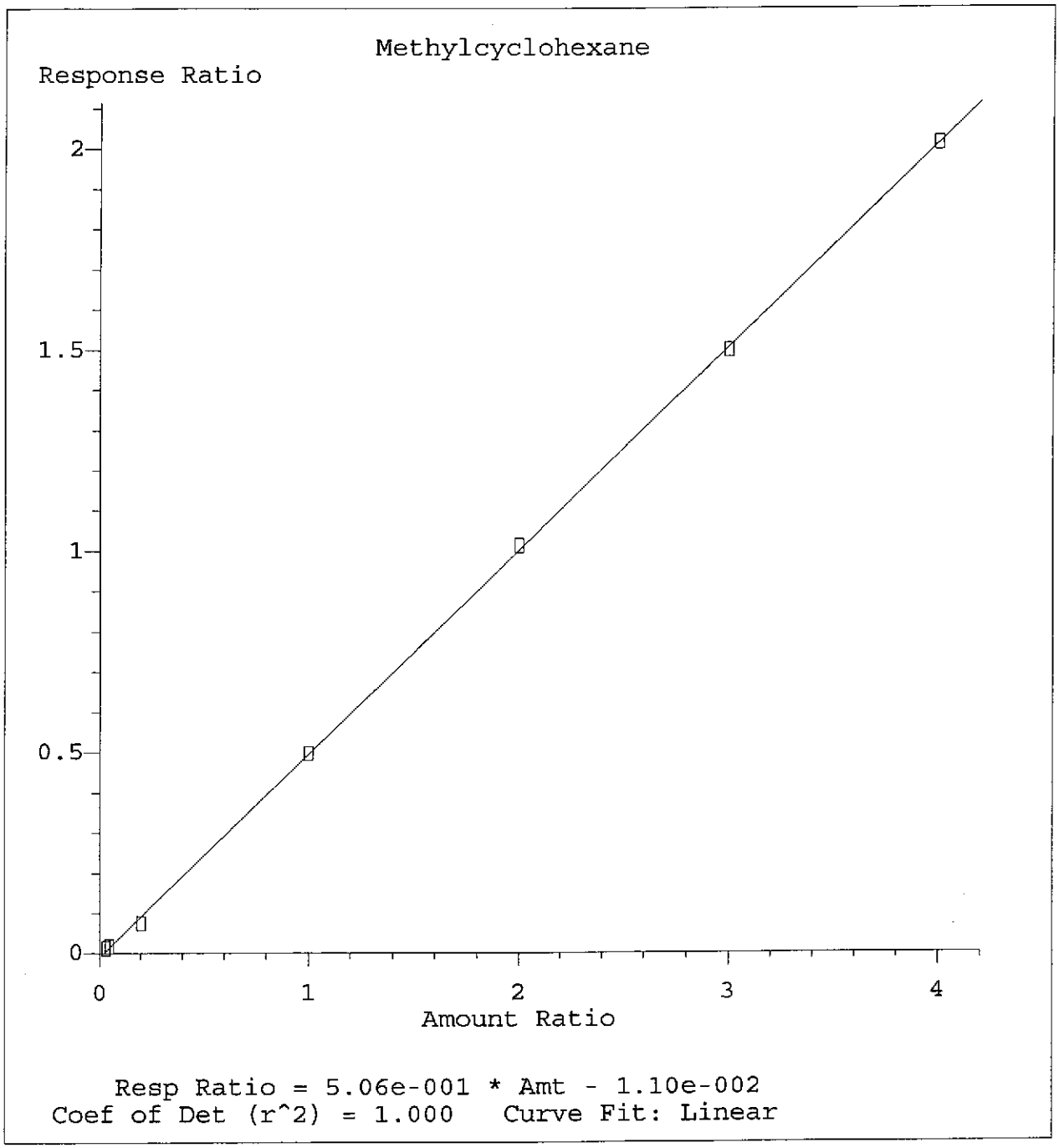
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:22:42 2007



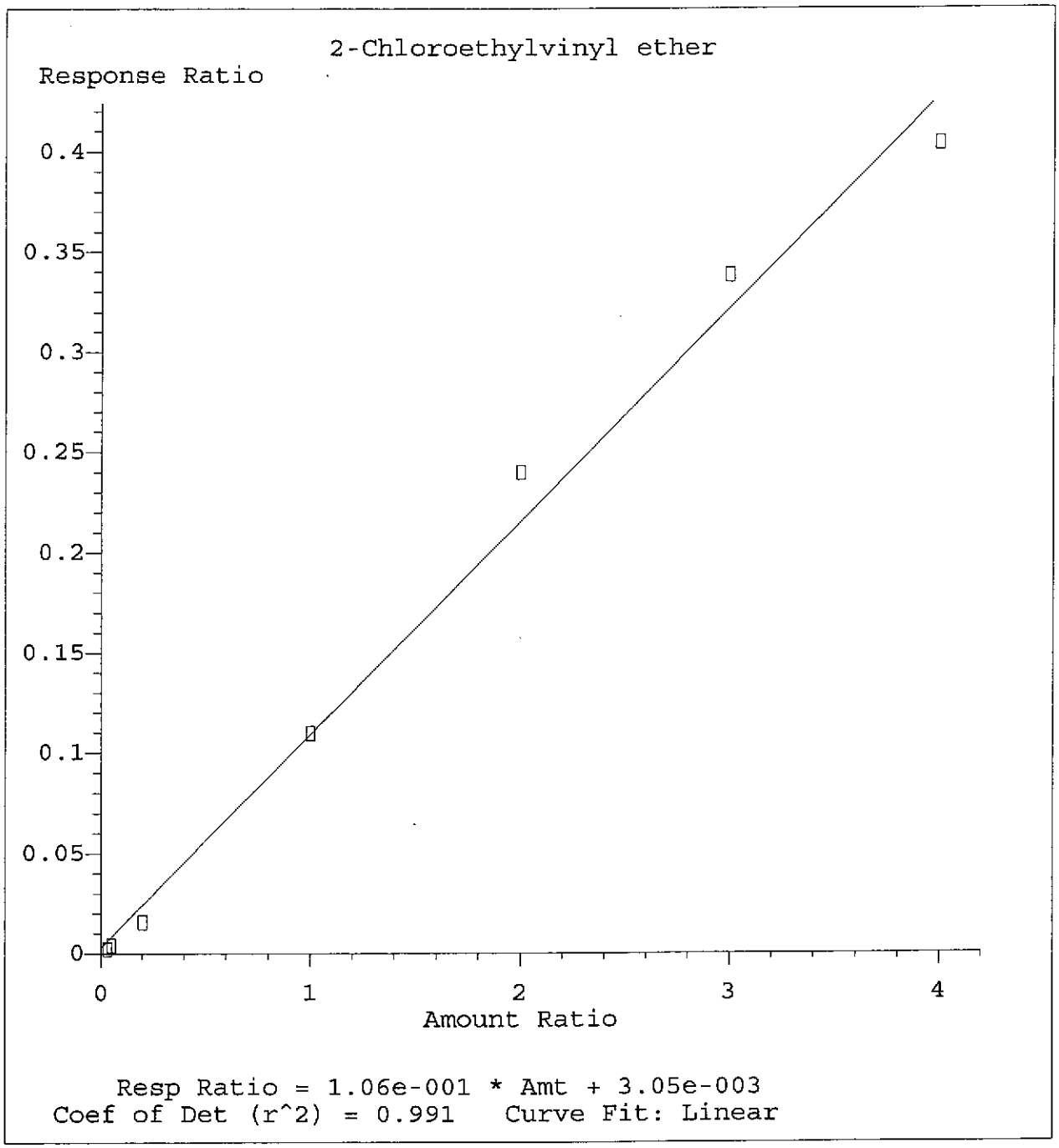
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:23:14 2007



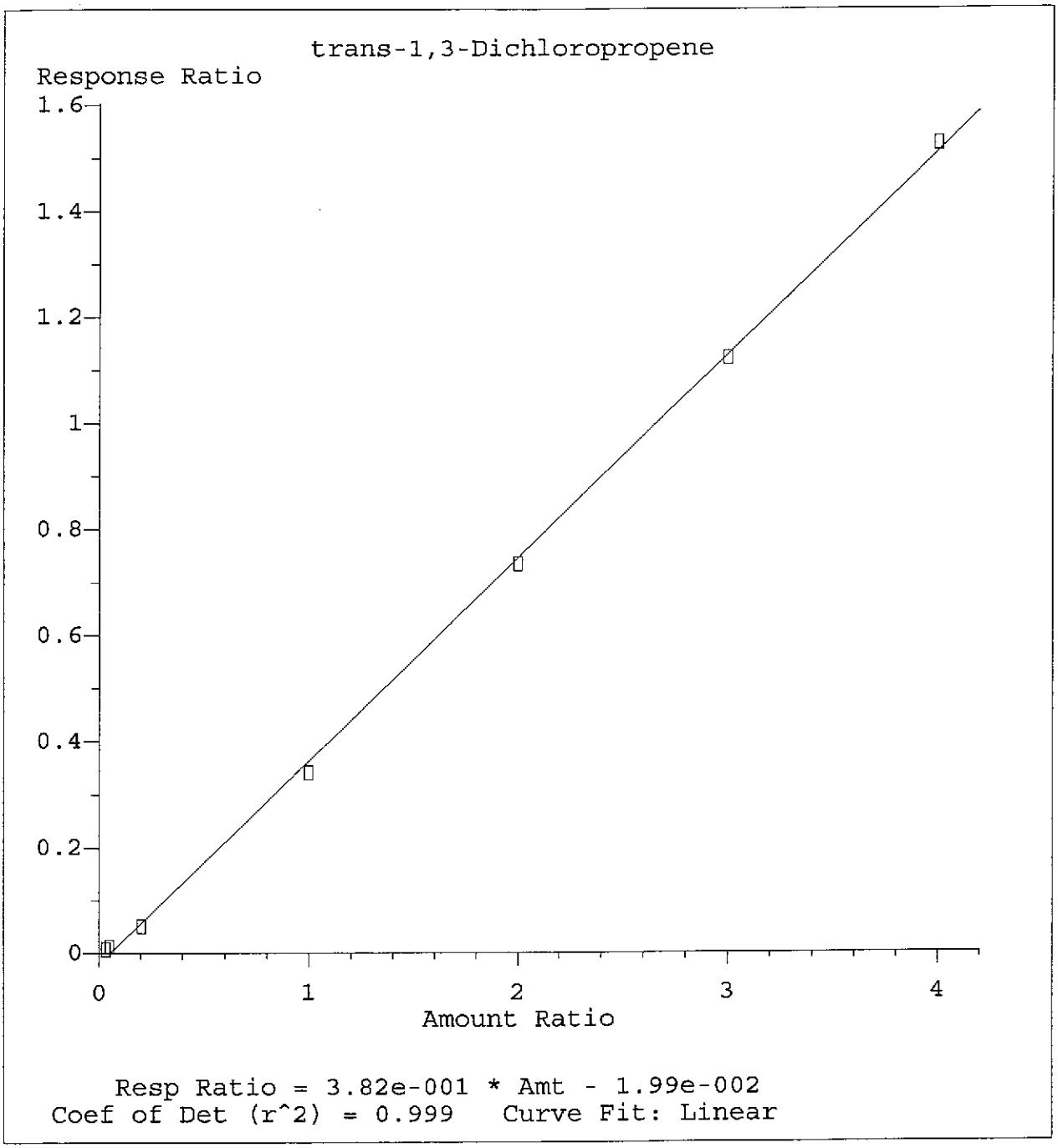
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:23:44 2007



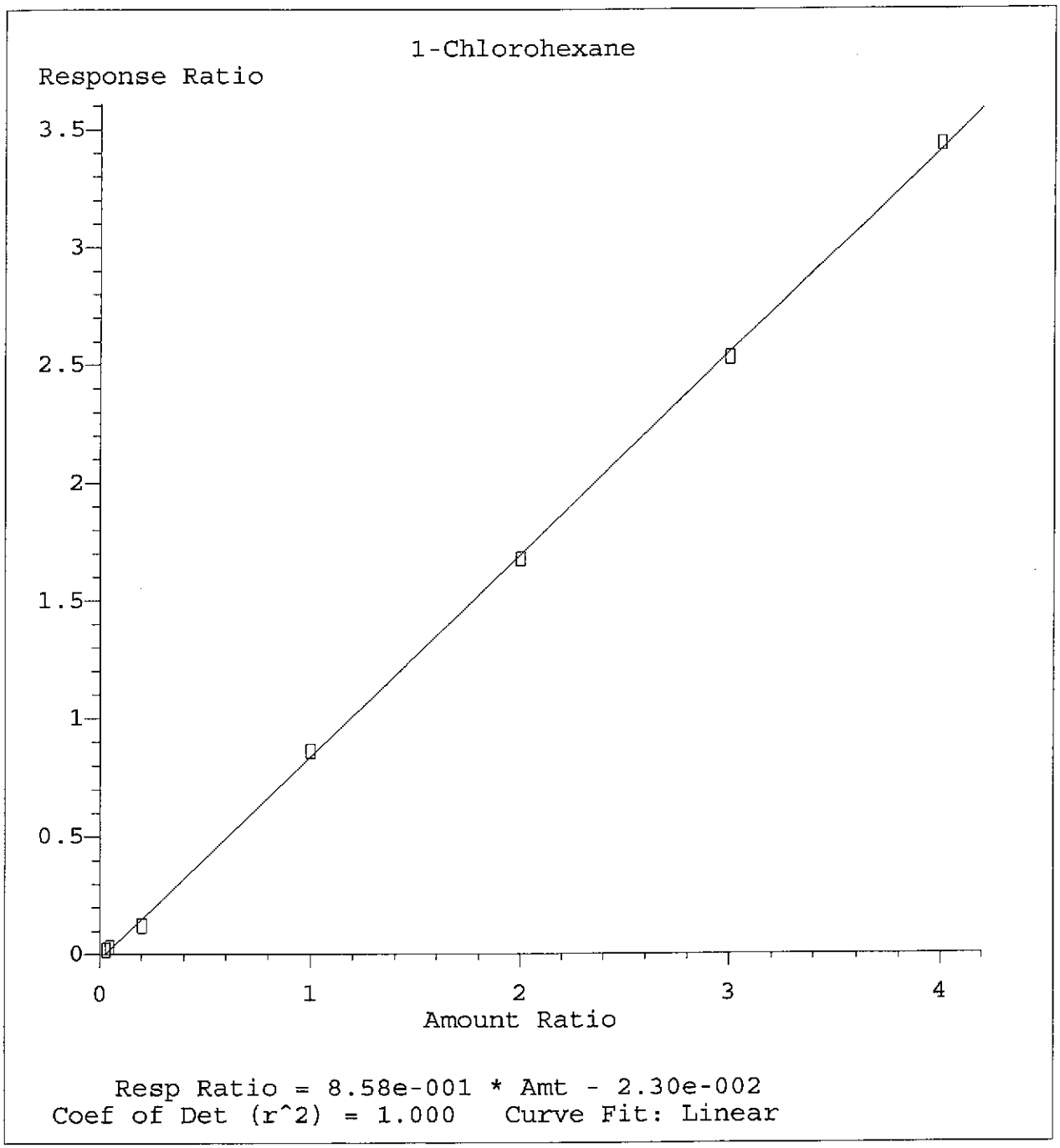
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:24:31 2007



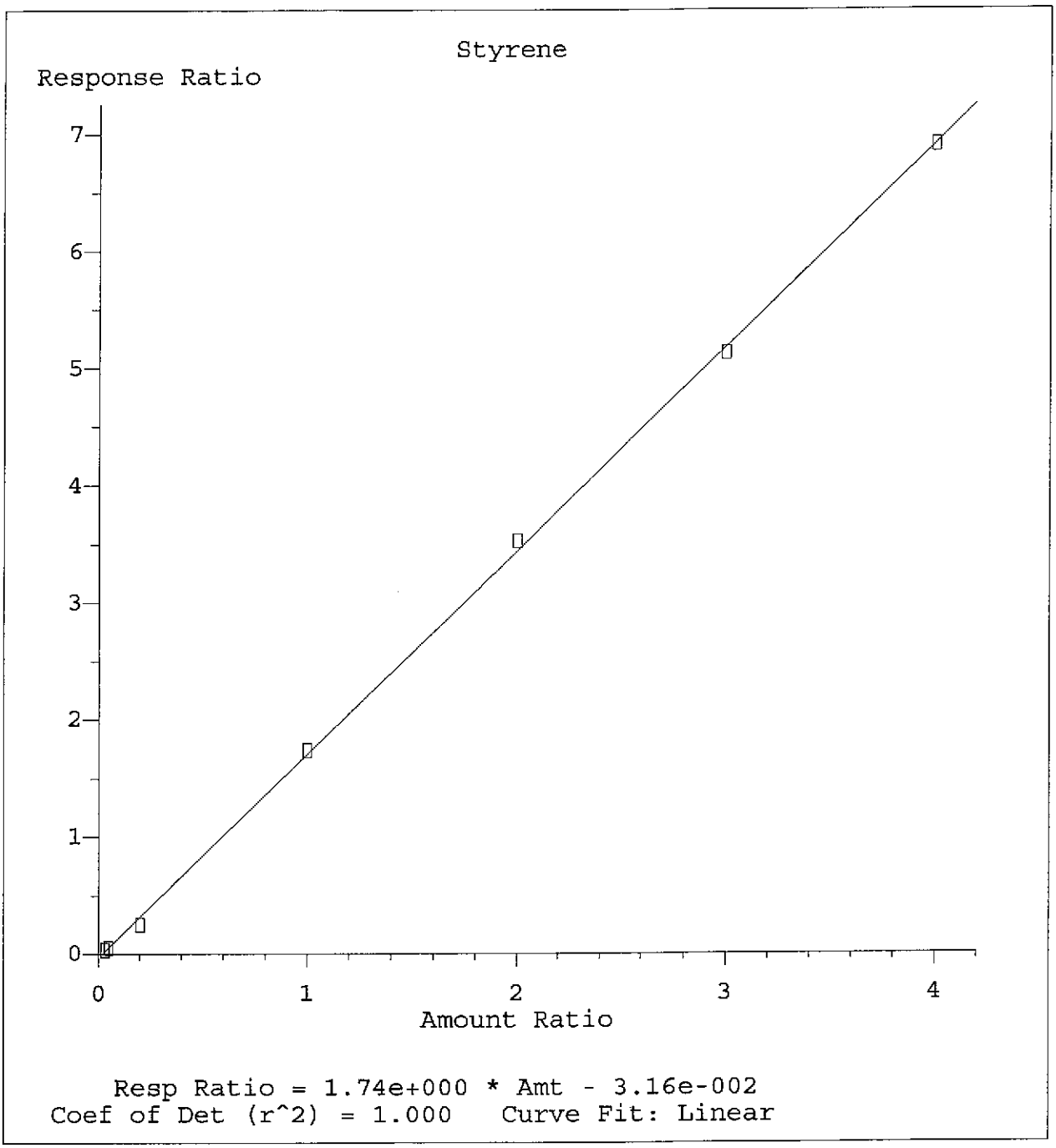
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:37:38 2007



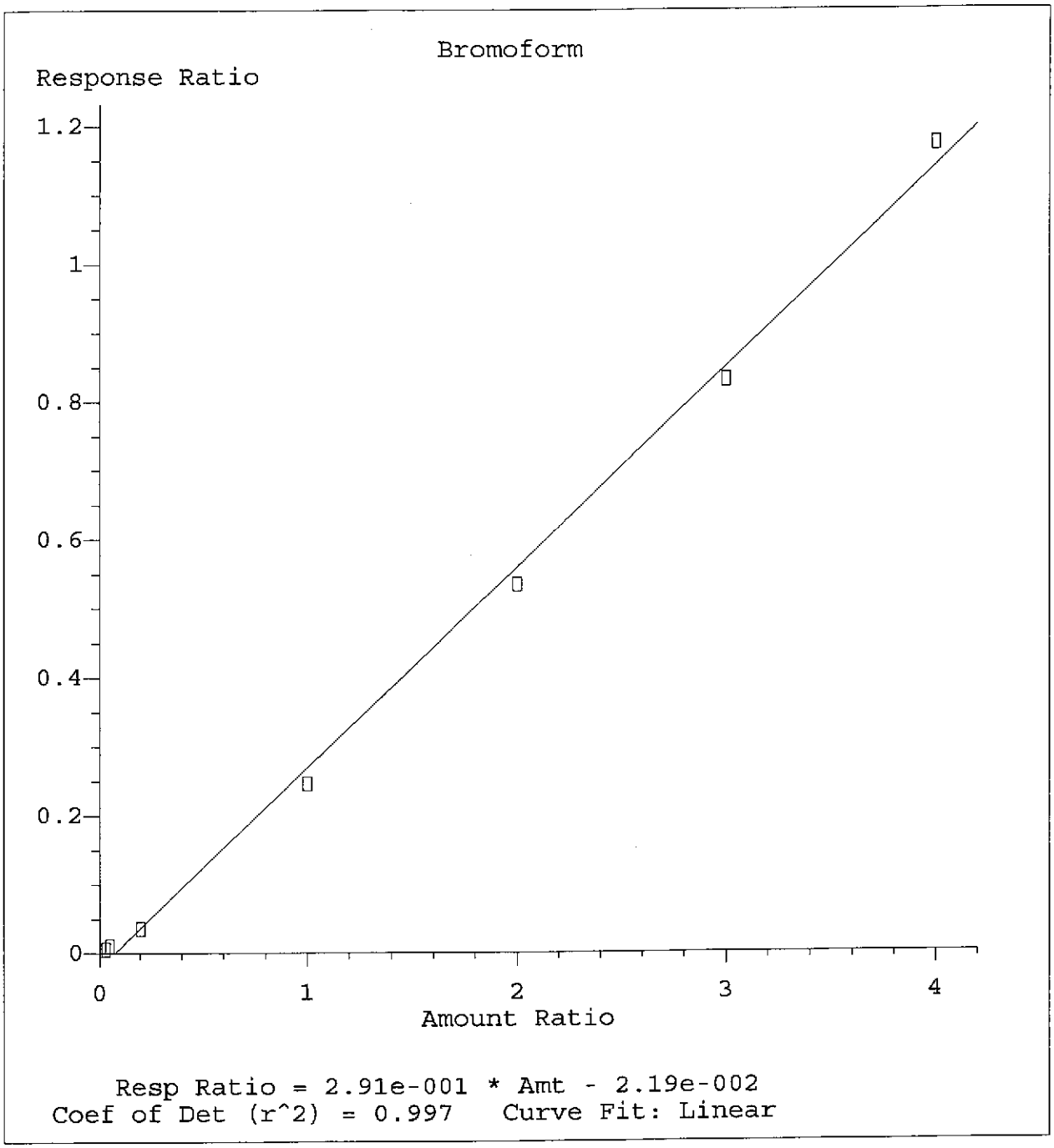
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:27:50 2007



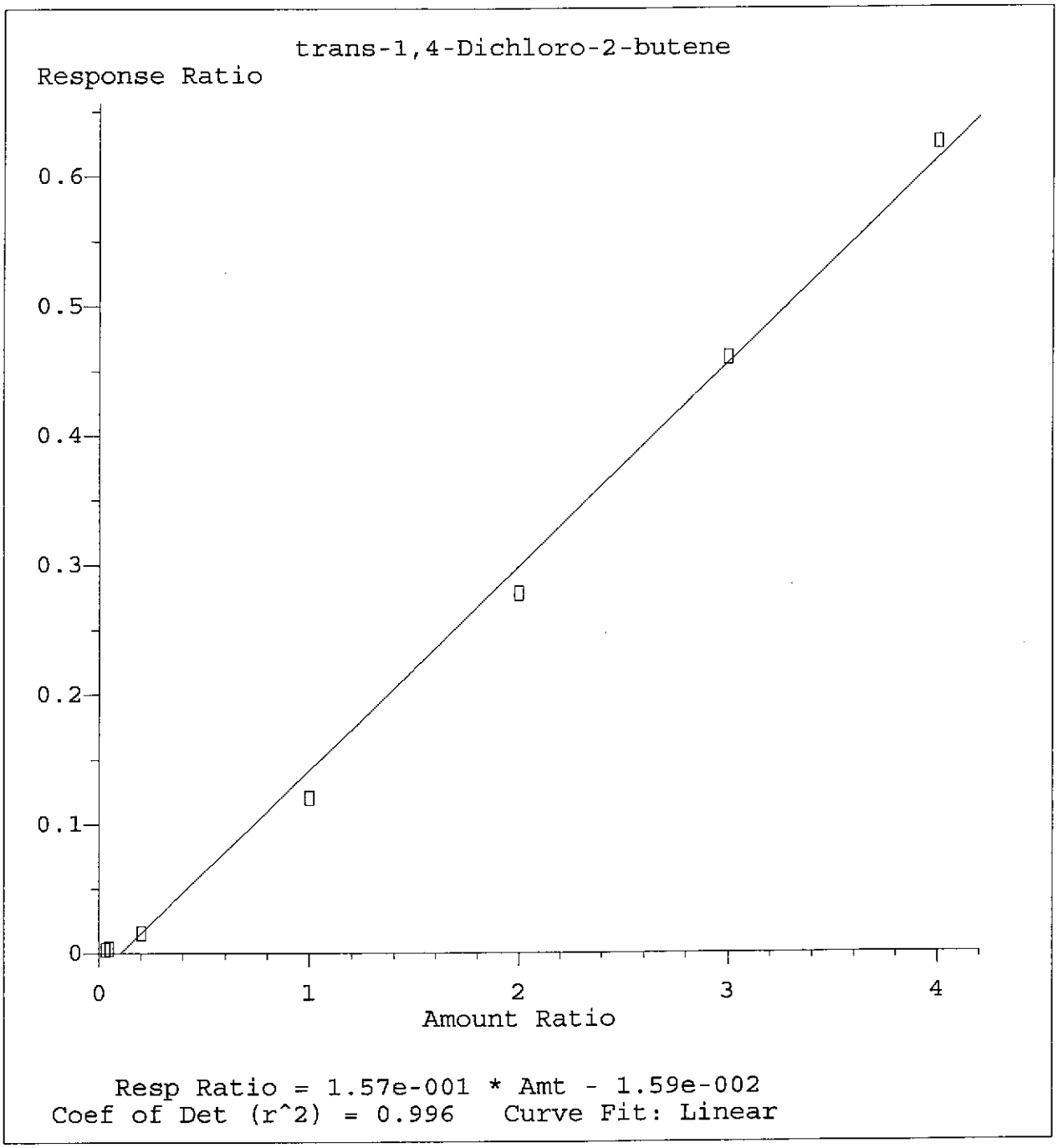
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:28:58 2007



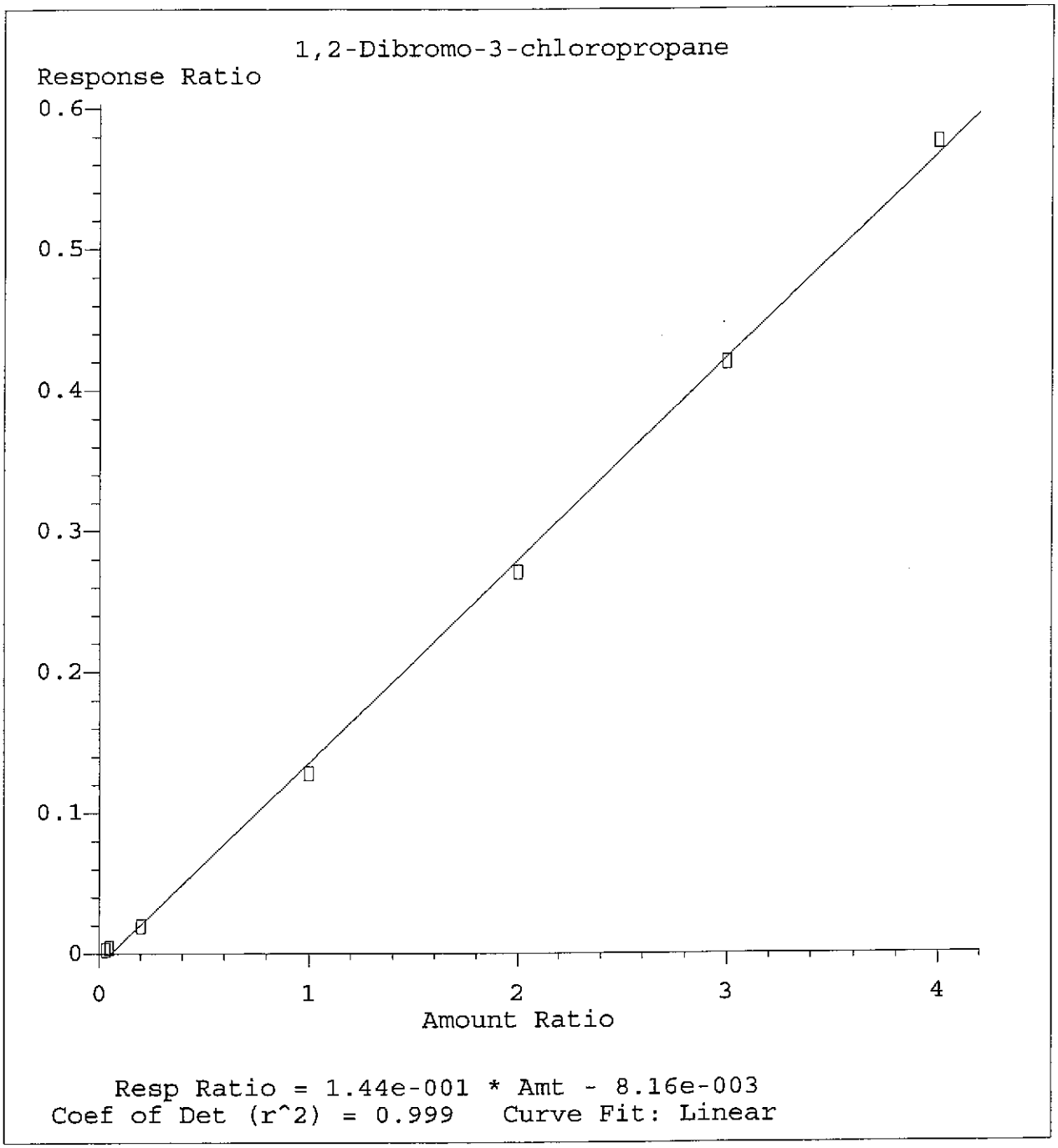
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:29:48 2007



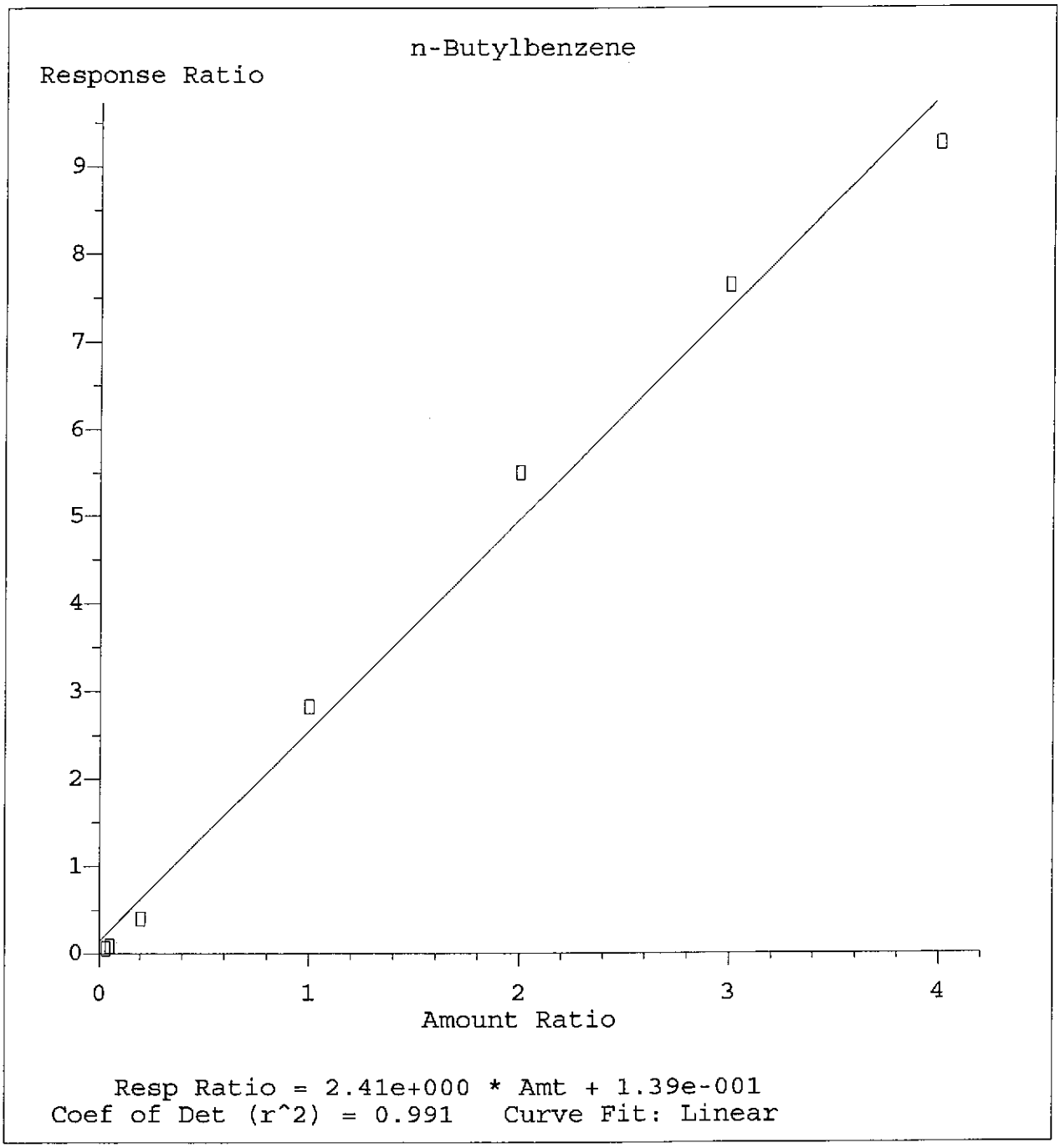
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:30:12 2007



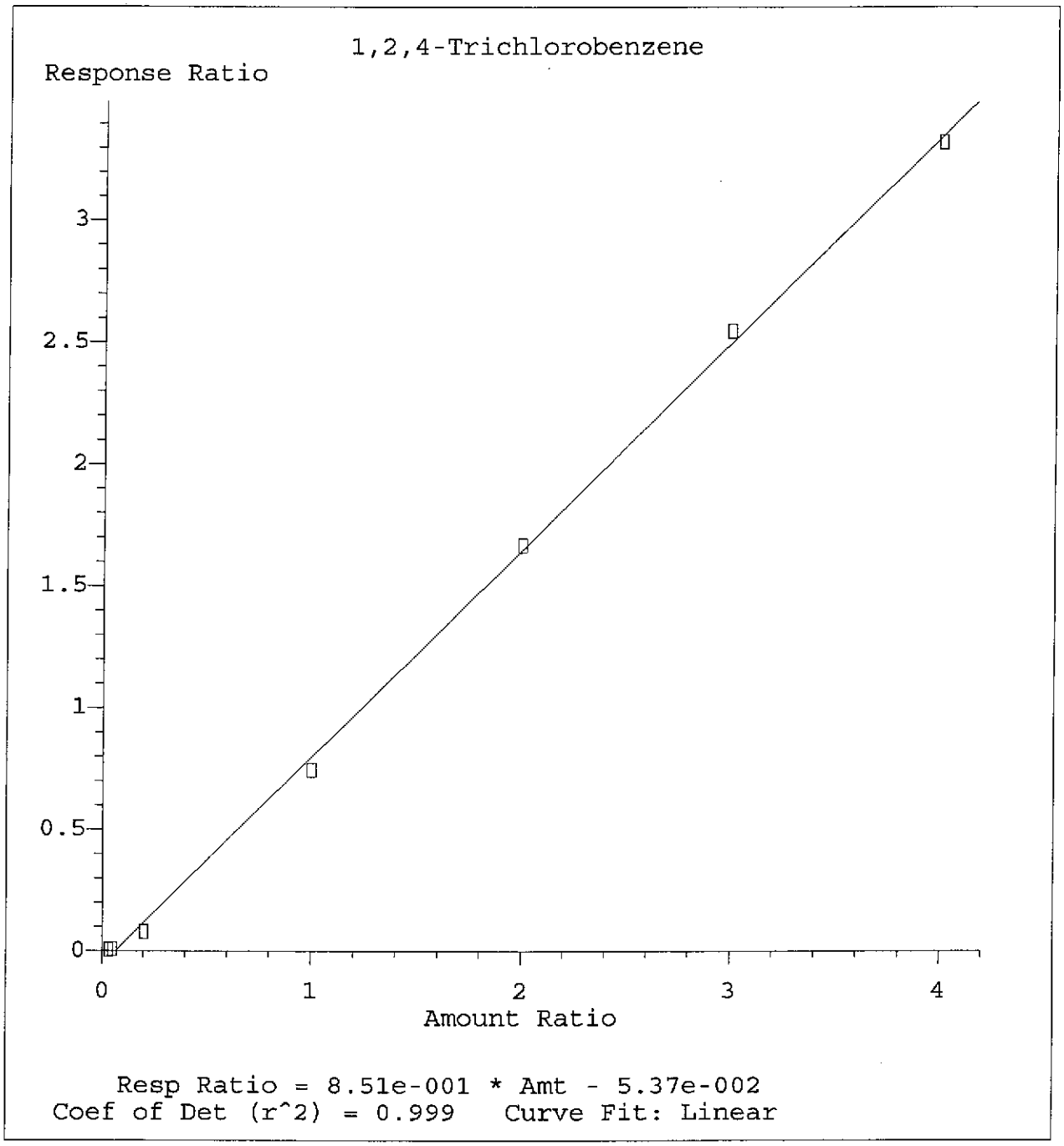
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:30:39 2007



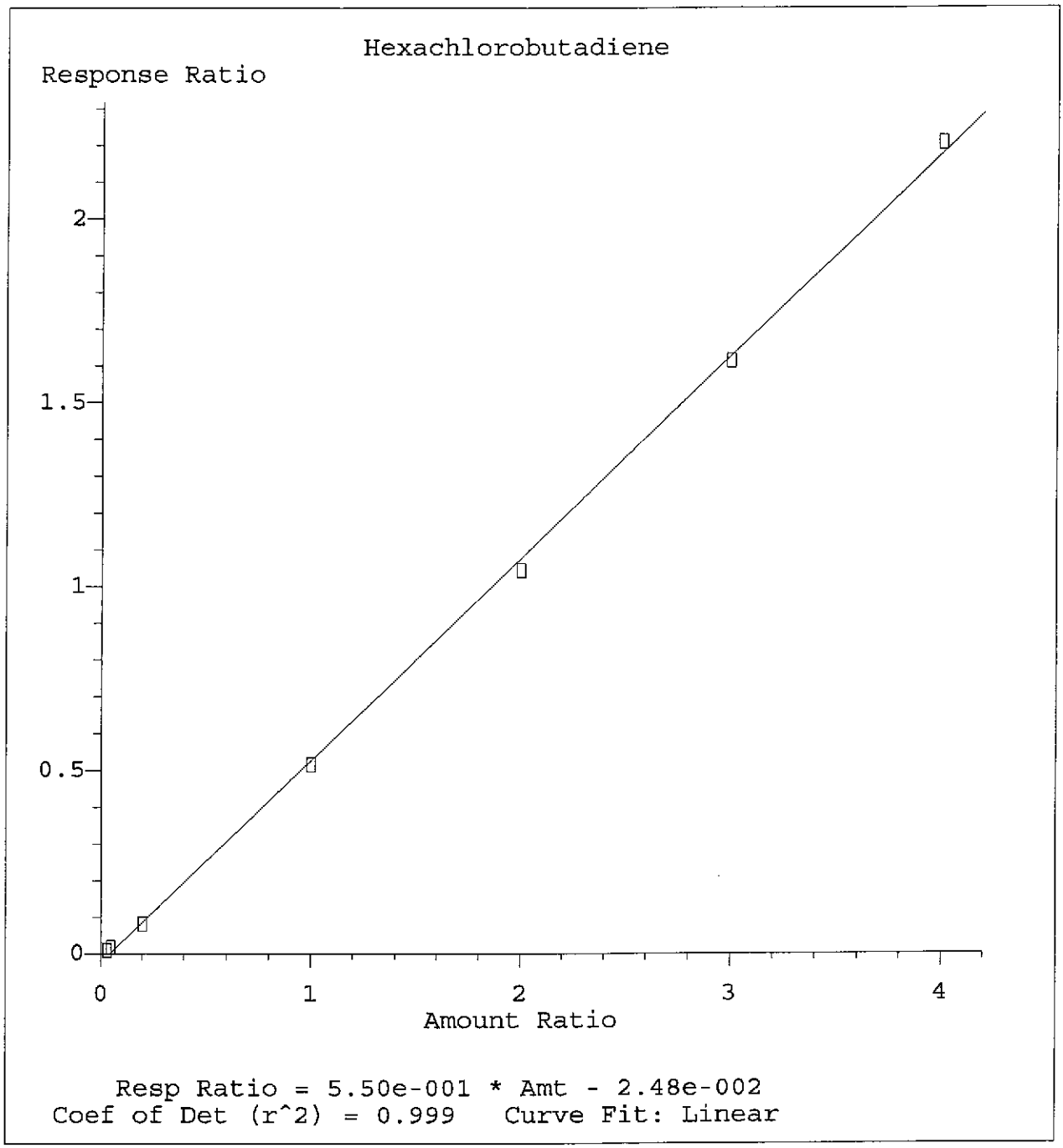
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:32:06 2007



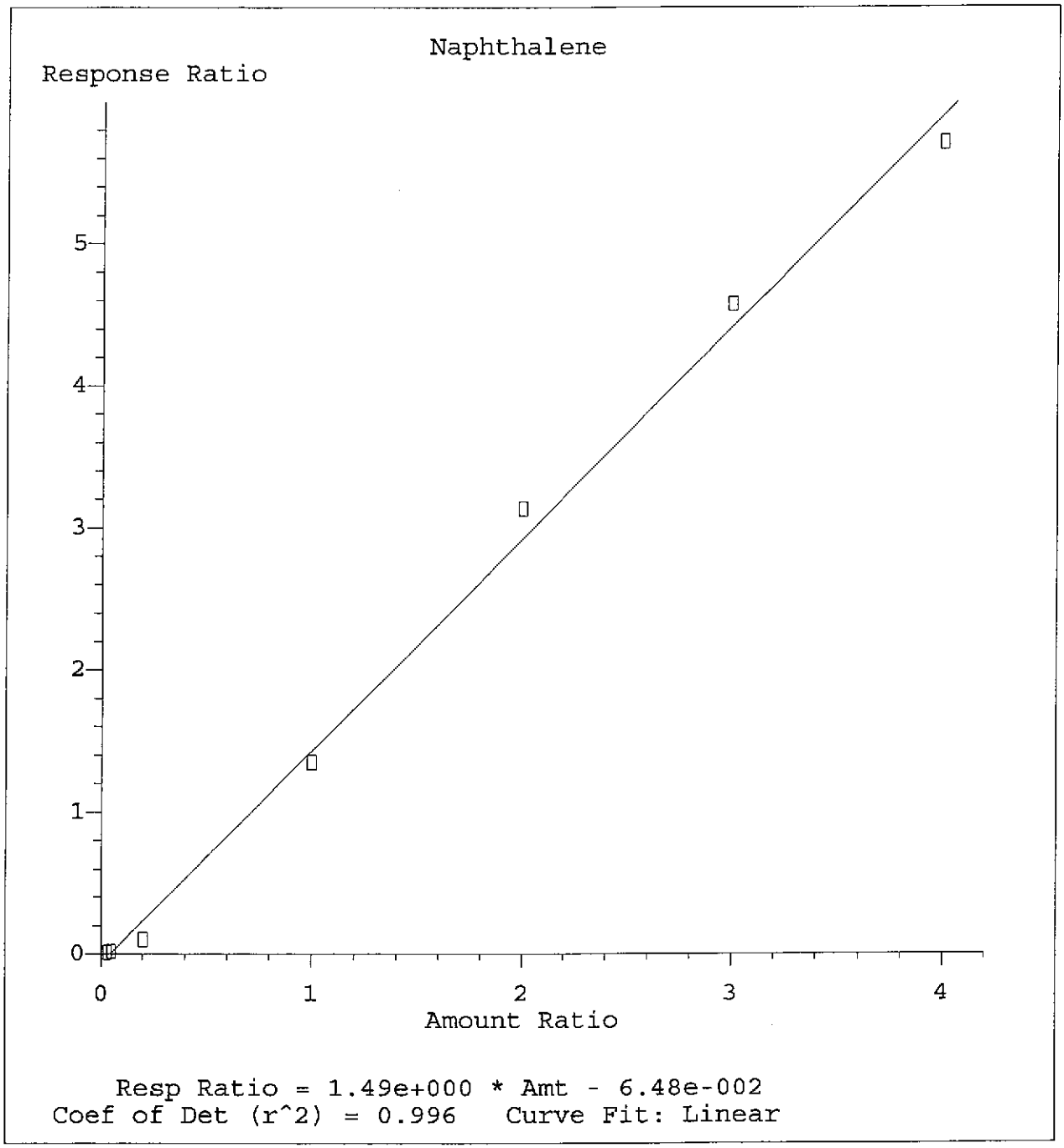
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 08:57:43 2007



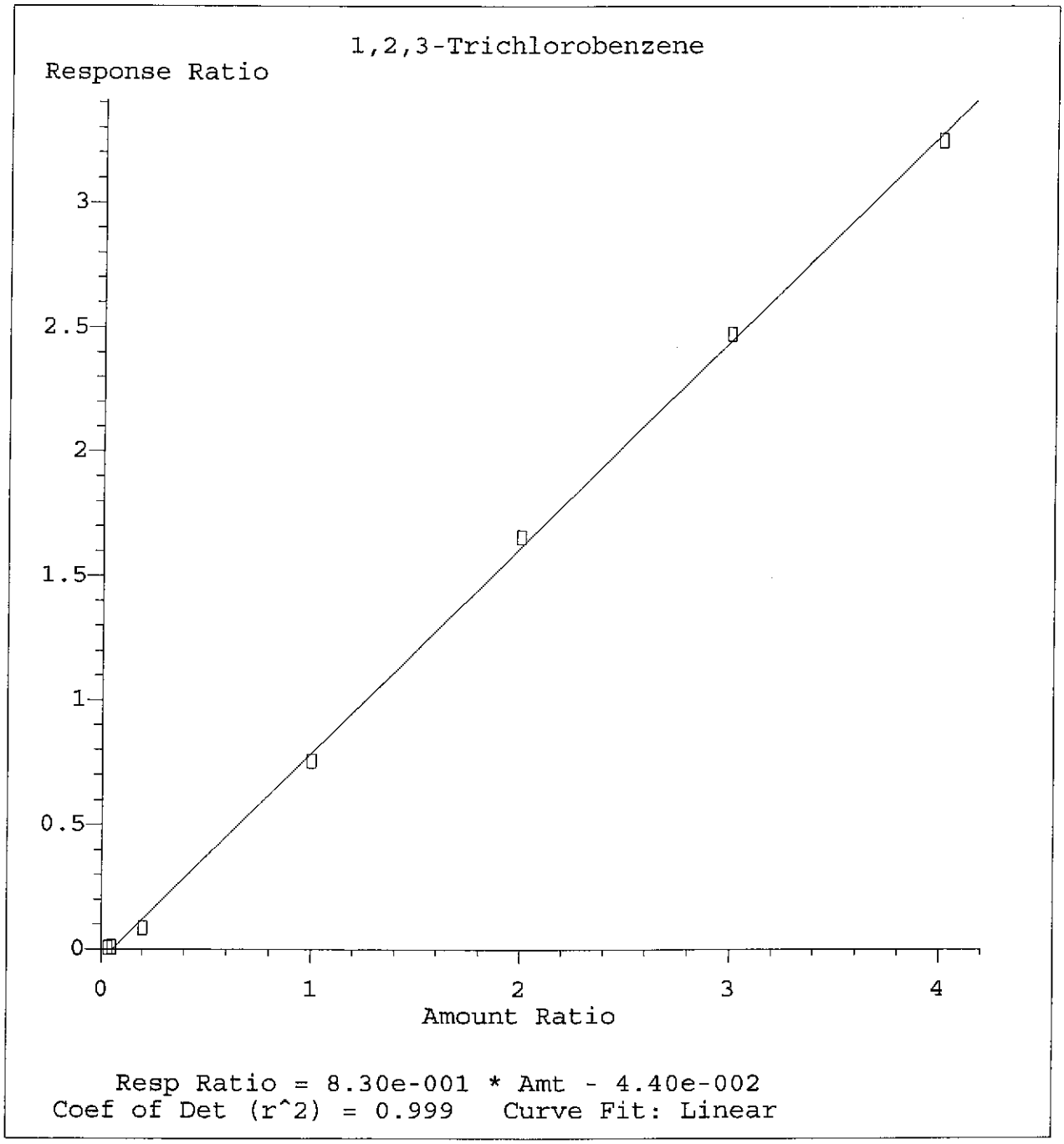
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:32:40 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:41 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:58 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:34:16 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Date of Initial Calibration: 9-SEP-07

Initial Calibration ID: 1078

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

ICAL # 1078

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 06:35:15 2007
Response via : Initial Calibration

Calibration Files
0.3 =M2775.D 0.5 =M2776.D 2.0 =M2777.D
10 =M2778.D 20 =M2779.D 30 =M2780.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.773	0.678	0.742	0.925	0.923	0.911	0.838	12.41
3)	P	Chloromethane	0.378	0.300	0.266	0.293	0.291	0.300	0.306	11.42
4)	CP	Vinyl chloride	0.231	0.176	0.220	0.283	0.225	0.285	0.244	17.42
5)		Bromomethane	0.184	0.219	0.186	0.261	0.278	0.294	0.248	20.94
6)		Chloroethane	0.143	0.133	0.141	0.172	0.178	0.174	0.159	12.20
7)		Trichlorofluorometh	0.687	0.711	0.677	0.882	0.879	0.862	0.794	12.16
8)		Acetone	0.042	0.043	0.031	0.037	0.035	0.033	0.036#	13.51
9)		Acrolein	0.006	0.010	0.010	0.014	0.014	0.015	0.012#	26.39
10)	CPM	1,1-Dichloroethene	0.231	0.221	0.224	0.276	0.281	0.278	0.256	11.08
11)		Methyl iodide	0.270	0.342	0.375	0.542	0.588	0.595	0.473	29.46
12)		1,1,2-Trichloro-1,2	0.647	0.582	0.578	0.751	0.743	0.727	0.678	11.02
13)		Methyl acetate	0.140	0.143	0.107	0.113	0.108	0.119	0.121	12.14
14)		Acrylonitrile	0.026	0.024	0.026	0.029	0.030	0.030	0.028#	9.02
15)		Methylene chloride	0.362	0.326	0.302	0.324	0.307	0.318	0.322	6.12
16)		Carbon disulfide	0.615	0.482	0.544	0.807	0.833	0.856	0.715	22.76
17)		trans-1,2-Dichloroe	0.332	0.289	0.286	0.350	0.351	0.342	0.328	8.78
18)		Methyl tert-Butyl e	0.443	0.424	0.429	0.473	0.462	0.475	0.453	4.62
19)	P	1,1-Dichloroethane	0.632	0.652	0.664	0.780	0.790	0.783	0.725	9.88
20)		Vinyl acetate	0.302	0.283	0.296	0.388	0.405	0.416	0.362	18.28
21)		2-Butanone	0.063	0.055	0.053	0.064	0.072	0.071	0.064	11.62
22)		cis-1,2-Dichloroeth	0.347	0.319	0.328	0.378	0.383	0.370	0.356	7.13
23)		Bromochloromethane	0.186	0.167	0.168	0.192	0.193	0.190	0.183	6.02
24)	CP	Chloroform	0.788	0.764	0.776	0.893	0.900	0.885	0.838	7.16
25)		2,2-Dichloropropane	0.428	0.449	0.416	0.568	0.584	0.588	0.519	16.10
26)		Cyclohexane	0.420	0.411	0.392	0.499	0.481	0.463	0.447	8.84
27)	S	Dibromofluoromethan	0.669	0.651	0.658	0.748	0.748	0.732	0.704	6.14
28)	S	1,2-Dichloroethane-	0.354	0.338	0.336	0.345	0.338	0.330	0.337	3.50
29)		1,2-Dichloroethane	0.386	0.385	0.370	0.398	0.398	0.403	0.391	2.91
30)		1,1,1-Trichloroetha	0.531	0.544	0.574	0.736	0.746	0.748	0.661	15.85
31)		1,1-Dichloropropene	0.462	0.448	0.477	0.562	0.562	0.553	0.517	9.94
32)		Carbon tetrachlorid	0.487	0.468	0.524	0.709	0.730	0.732	0.625	19.99
33)	M	Benzene	0.887	0.850	0.836	0.969	0.952	0.943	0.909	5.73
34)	M	Trichloroethene	0.449	0.437	0.420	0.513	0.504	0.491	0.470	7.58
35)		Dibromomethane	0.294	0.316	0.323	0.348	0.352	0.338	0.329	6.08
36)		Methylcyclohexane	0.363	0.333	0.345	0.438	0.435	0.427	0.395	11.69
37)	CP	1,2-Dichloropropane	0.339	0.355	0.357	0.397	0.396	0.386	0.373	6.20
38)		Bromodichloromethan	0.574	0.580	0.688	0.919	0.947	0.928	0.793	21.71
39)		2-Chloroethylvinyl	0.096	0.085	0.090	0.104	0.103	0.100	0.097	7.25
40)		4-Methyl-2-pentanon	0.186	0.170	0.191	0.222	0.230	0.232	0.208	12.08
41)		cis-1,3-Dichloropro	0.284	0.298	0.338	0.465	0.503	0.515	0.418	25.69
42)	S	Toluene-d8	0.759	0.766	0.782	0.924	0.909	0.897	0.845	8.63
43)	CPM	Toluene	0.485	0.502	0.524	0.600	0.585	0.587	0.551	8.41

(#) = Out of Range ### Number of calibration levels exceeded format ##"

10-10-07

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 06:35:15 2007
Response via : Initial Calibration

Calibration Files
0.3 =M2775.D 0.5 =M2776.D 2.0 =M2777.D
10 =M2778.D 20 =M2779.D 30 =M2780.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.180	0.197	0.230	0.322	0.360	0.374	0.293	30.14
45)		1,1,2-Trichloroetha	0.227	0.212	0.219	0.258	0.256	0.253	0.238	7.95
46)		2-Hexanone	0.090	0.082	0.101	0.123	0.129	0.132	0.112	18.62
47)	I	Chlorobenzene-d5	ISTD							
48)		1,2-Dibromoethane	0.601	0.563	0.561	0.667	0.641	0.701	0.631	8.97
49)		1,3-Dichloropropane	0.651	0.657	0.640	0.703	0.676	0.722	0.678	4.49
50)		Dibromochloromethan	0.576	0.555	0.729	0.989	0.976	1.072	0.850	26.42
51)		Tetrachloroethene	0.836	0.717	0.761	0.881	0.804	0.860	0.814	7.11
52)		1-Chlorohexane	0.532	0.487	0.520	0.646	0.629	0.677	0.595	13.30
53)		1,1,1,2-Tetrachloro	0.542	0.562	0.603	0.712	0.673	0.722	0.646	11.76
54)	PM	Chlorobenzene	1.302	1.172	1.125	1.247	1.145	1.205	1.193	5.29
55)	CP	Ethylbenzene	1.653	1.830	1.681	1.919	1.792	1.839	1.776	5.41
56)		(m+p)-Xylene	0.611	0.626	0.619	0.693	0.653	0.675	0.648	4.74
57)		o-Xylene	0.588	0.566	0.620	0.729	0.688	0.732	0.662	10.55
58)		Styrene	0.798	0.887	0.924	1.115	1.033	1.098	0.985	11.96
59)	P	Bromoform	0.277	0.253	0.336	0.512	0.525	0.582	0.437	32.80
60)	S	Bromofluorobenzene	1.437	1.213	1.147	1.219	1.152	1.191	1.217	8.32
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-			0.025	0.036	0.047	0.047	0.043#	31.56
63)	P	1,1,2,2-Tetrachloro	0.951	0.896	0.915	0.997	1.005	1.061	0.981	6.32
64)		Isopropylbenzene	2.291	2.372	2.465	2.920	2.920	2.880	2.673	10.59
65)		1,2,3-Trichloroprop	0.485	0.556	0.544	0.518	0.501	0.559	0.532	5.73
66)		Bromobenzene	0.794	0.910	0.949	0.993	0.991	0.983	0.942	7.58
67)		n-Propylbenzene	2.873	3.333	3.433	3.809	3.812	3.883	3.544	10.17
68)		2-Chlorotoluene	2.296	3.160	2.915	2.876	2.764	3.008	2.844	9.54
69)		4-Chlorotoluene	2.603	2.993	2.580	2.843	2.884	2.606	2.717	6.82
70)		1,3,5-Trimethylbenz	1.761	1.774	2.019	2.278	2.287	2.308	2.099	11.74
71)		tert-Butylbenzene	1.818	1.884	2.018	2.308	2.350	2.318	2.137	10.53
72)		1,2,4-Trimethylbenz	1.565	1.717	1.774	2.077	2.141	2.133	1.925	12.15
73)		sec-Butylbenzene	2.563	2.679	2.827	3.329	3.384	3.353	3.047	11.42
74)		1,3-Dichlorobenzene	1.645	1.647	1.571	1.713	1.720	1.693	1.666	3.08
75)		p-Isopropyltoluene	1.627	1.860	2.004	2.381	2.476	2.464	2.173	15.68
76)		1,4-Dichlorobenzene	1.511	1.373	1.372	1.515	1.555	1.536	1.483	5.20
77)		n-Butylbenzene	1.769	1.708	1.838	2.267	2.359	2.343	2.084	14.20
78)		1,2-Dichlorobenzene	1.346	1.342	1.395	1.522	1.548	1.505	1.446	5.87
79)		1,2-Dibromo-3-chlor	0.113	0.130	0.142	0.203	0.231	0.244	0.186	30.12
80)		1,2,4-Trichlorobenz	1.082	0.959	0.883	0.998	1.042	1.080	1.012	7.07
81)		Hexachlorobutadiene	0.717	0.754	0.753	0.872	0.868	0.879	0.815	8.57
82)		Naphthalene	1.106	0.945	0.877	0.856	0.892	0.948	0.931	9.06
83)		1,2,3-Trichlorobenz	0.877	0.710	0.725	0.784	0.834	0.852	0.800	7.92

(#) = Out of Range ### Number of calibration levels exceeded format ##"

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 06:59:05 2007
Response via : Initial Calibration

Calibration Files
40 =M2781.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.914		
3)	P	Chloromethane	0.311		
4)	CP	Vinyl chloride	0.287		
5)		Bromomethane	0.313		
6)		Chloroethane	0.173		
7)		Trichlorofluorometh	0.860		
8)		Acetone	0.032		
9)		Acrolein	0.014		
10)	CPM	1,1-Dichloroethene	0.278		
11)		Methyl iodide	0.599		
12)		1,1,2-Trichloro-1,2	0.715		
13)		Methyl acetate	0.116		
14)		Acrylonitrile	0.030		
15)		Methylene chloride	0.313		
16)		Carbon disulfide	0.867		
17)		trans-1,2-Dichloroe	0.349		
18)		Methyl tert-Butyl e	0.466		
19)	P	1,1-Dichloroethane	0.775		
20)		Vinyl acetate	0.444		
21)		2-Butanone	0.069		
22)		cis-1,2-Dichloroeth	0.368		
23)		Bromochloromethane	0.186		
24)	CP	Chloroform	0.865		
25)		2,2-Dichloropropane	0.601		
26)		Cyclohexane	0.461		
27)	S	Dibromofluoromethan	0.725		
28)	S	1,2-Dichloroethane-	0.316		
29)		1,2-Dichloroethane	0.396		
30)		1,1,1-Trichloroetha	0.748		
31)		1,1-Dichloropropene	0.551		
32)		Carbon tetrachlorid	0.726		
33)	M	Benzene	0.928		
34)	M	Trichloroethene	0.478		
35)		Dibromomethane	0.334		
36)		Methylcyclohexane	0.426		
37)	CP	1,2-Dichloropropane	0.385		
38)		Bromodichloromethan	0.917		
39)		2-Chloroethylvinyl	0.098		
40)		4-Methyl-2-pentanon	0.225		
41)		cis-1,3-Dichloropro	0.527		
42)	S	Toluene-d8	0.881		
43)	CPM	Toluene	0.574		

(#) = Out of Range ### Number of calibration levels exceeded format ##"

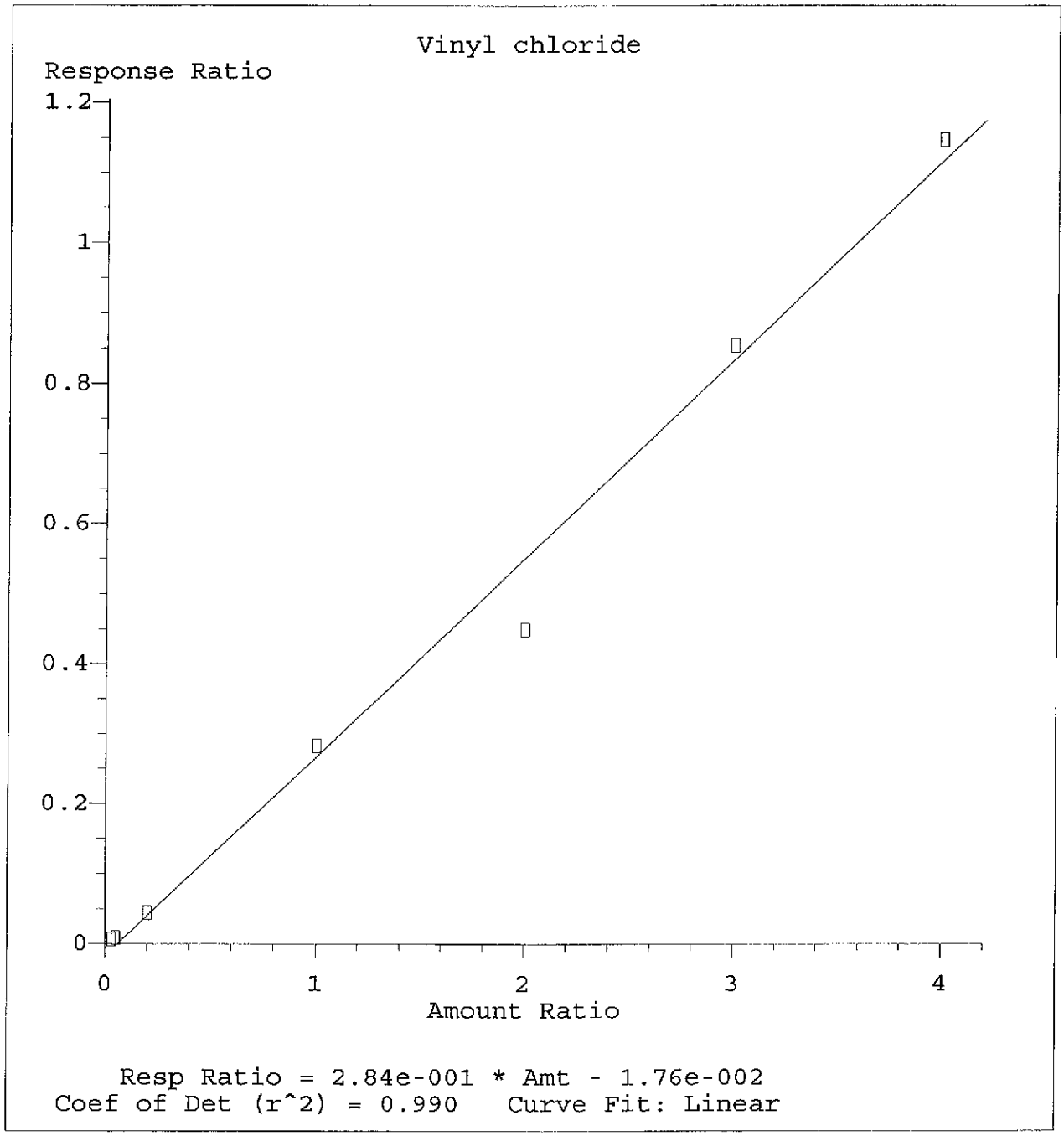
Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
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Last Update : Wed Oct 10 06:59:05 2007
Response via : Initial Calibration

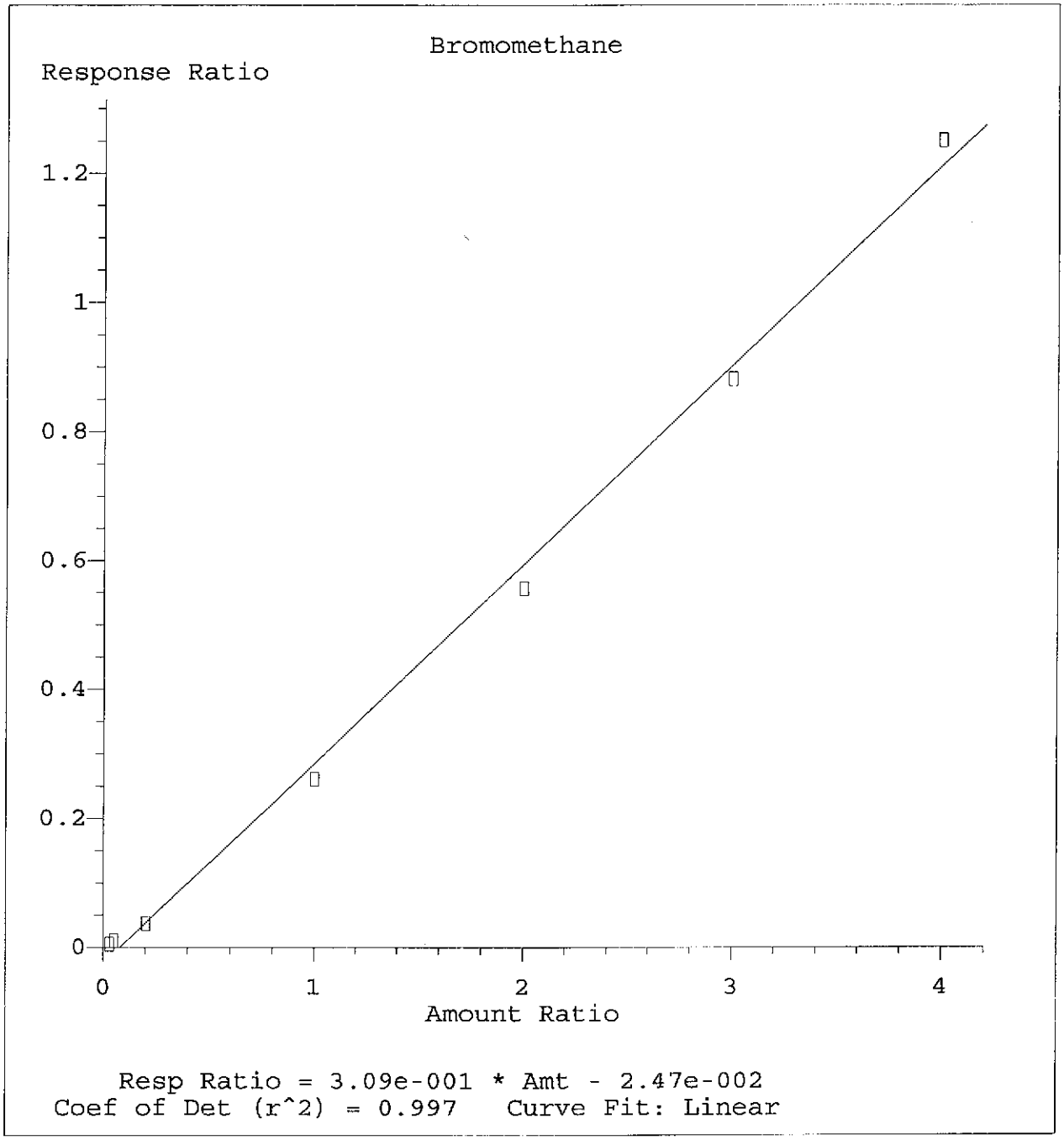
Calibration Files
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		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.386		
45)		1,1,2-Trichloroetha	0.243		
46)		2-Hexanone	0.129		
47)	I	Chlorobenzene-d5	----------ISTD----------		
48)		1,2-Dibromoethane	0.680		
49)		1,3-Dichloropropane	0.696		
50)		Dibromochloromethan	1.054		
51)		Tetrachloroethene	0.839		
52)		1-Chlorohexane	0.672		
53)		1,1,1,2-Tetrachloro	0.711		
54)	PM	Chlorobenzene	1.153		
55)	CP	Ethylbenzene	1.715		
56)		(m+p)-Xylene	0.658		
57)		o-Xylene	0.714		
58)		Styrene	1.039		
59)	P	Bromoform	0.576		
60)	S	Bromofluorobenzene	1.160		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.062		
63)	P	1,1,2,2-Tetrachloro	1.040		
64)		Isopropylbenzene	2.861		
65)		1,2,3-Trichloroprop	0.559		
66)		Bromobenzene	0.973		
67)		n-Propylbenzene	3.668		
68)		2-Chlorotoluene	2.887		
69)		4-Chlorotoluene	2.512		
70)		1,3,5-Trimethylbenz	2.263		
71)		tert-Butylbenzene	2.265		
72)		1,2,4-Trimethylbenz	2.065		
73)		sec-Butylbenzene	3.192		
74)		1,3-Dichlorobenzene	1.670		
75)		p-Isopropyltoluene	2.402		
76)		1,4-Dichlorobenzene	1.519		
77)		n-Butylbenzene	2.303		
78)		1,2-Dichlorobenzene	1.461		
79)		1,2-Dibromo-3-chlor	0.239		
80)		1,2,4-Trichlorobenz	1.039		
81)		Hexachlorobutadiene	0.861		
82)		Naphthalene	0.892		
83)		1,2,3-Trichlorobenz	0.818		

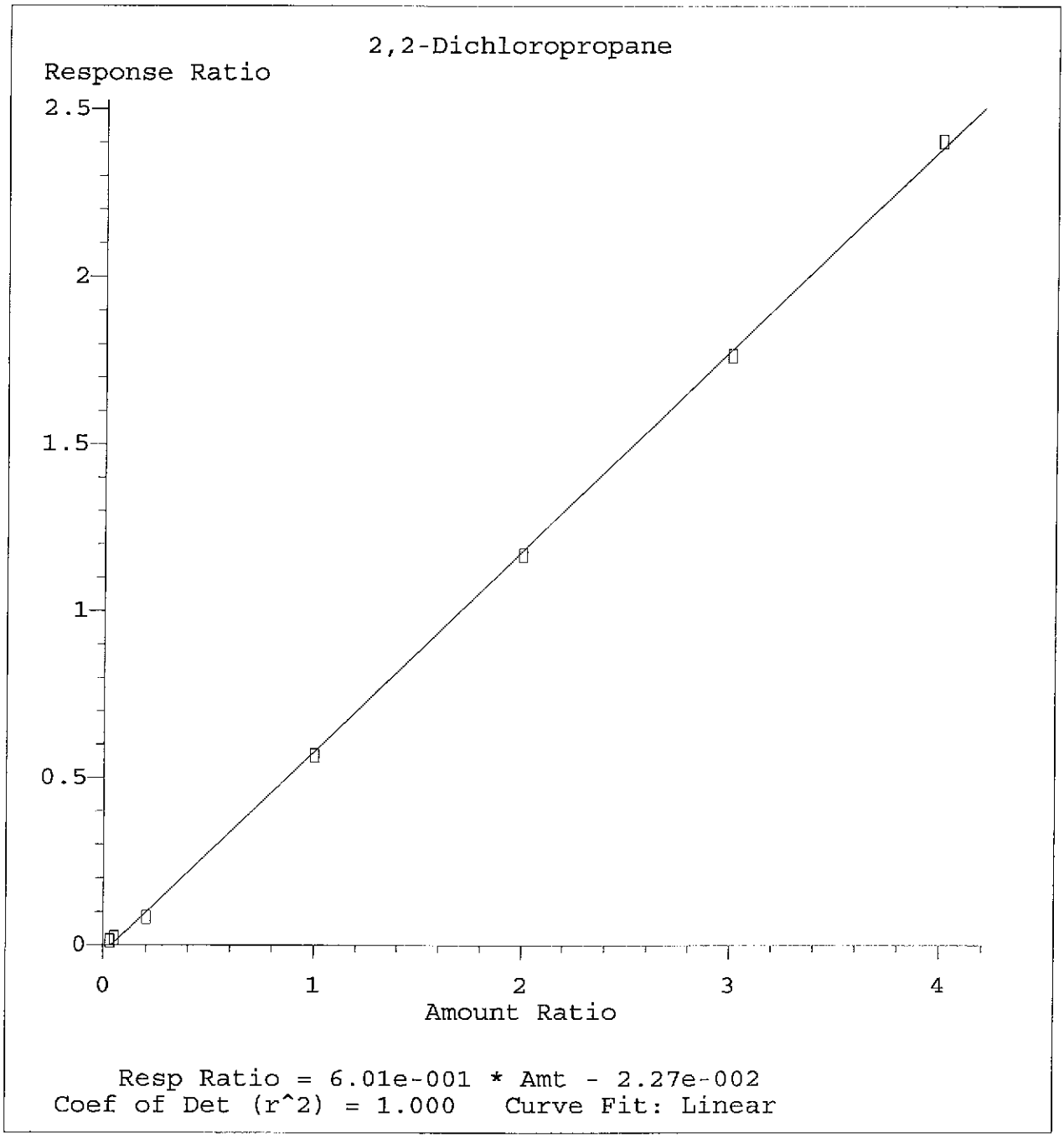
(#) = Out of Range ### Number of calibration levels exceeded format ##"



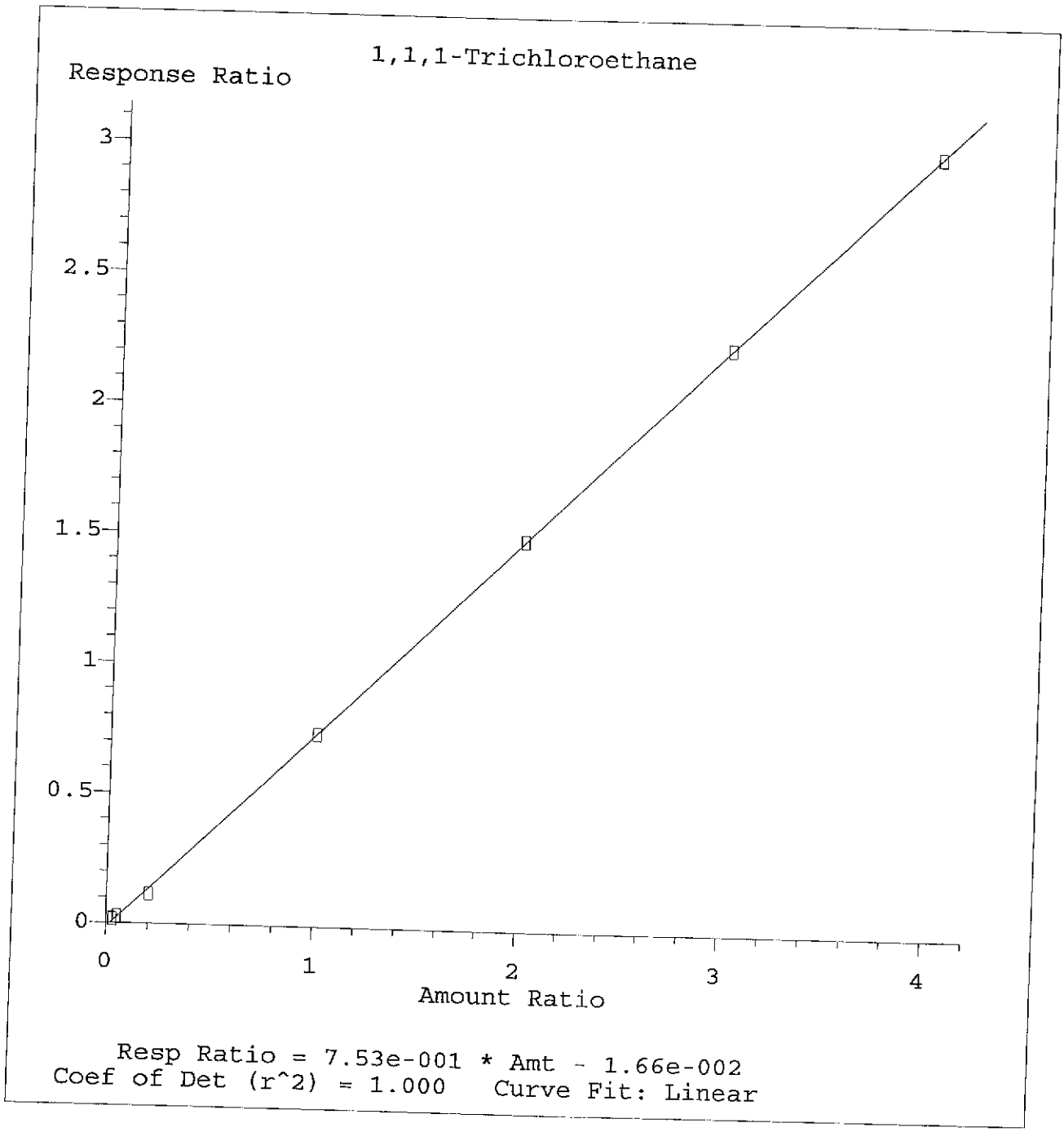
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Calibration Table Last Updated: Wed Oct 10 06:38:29 2007



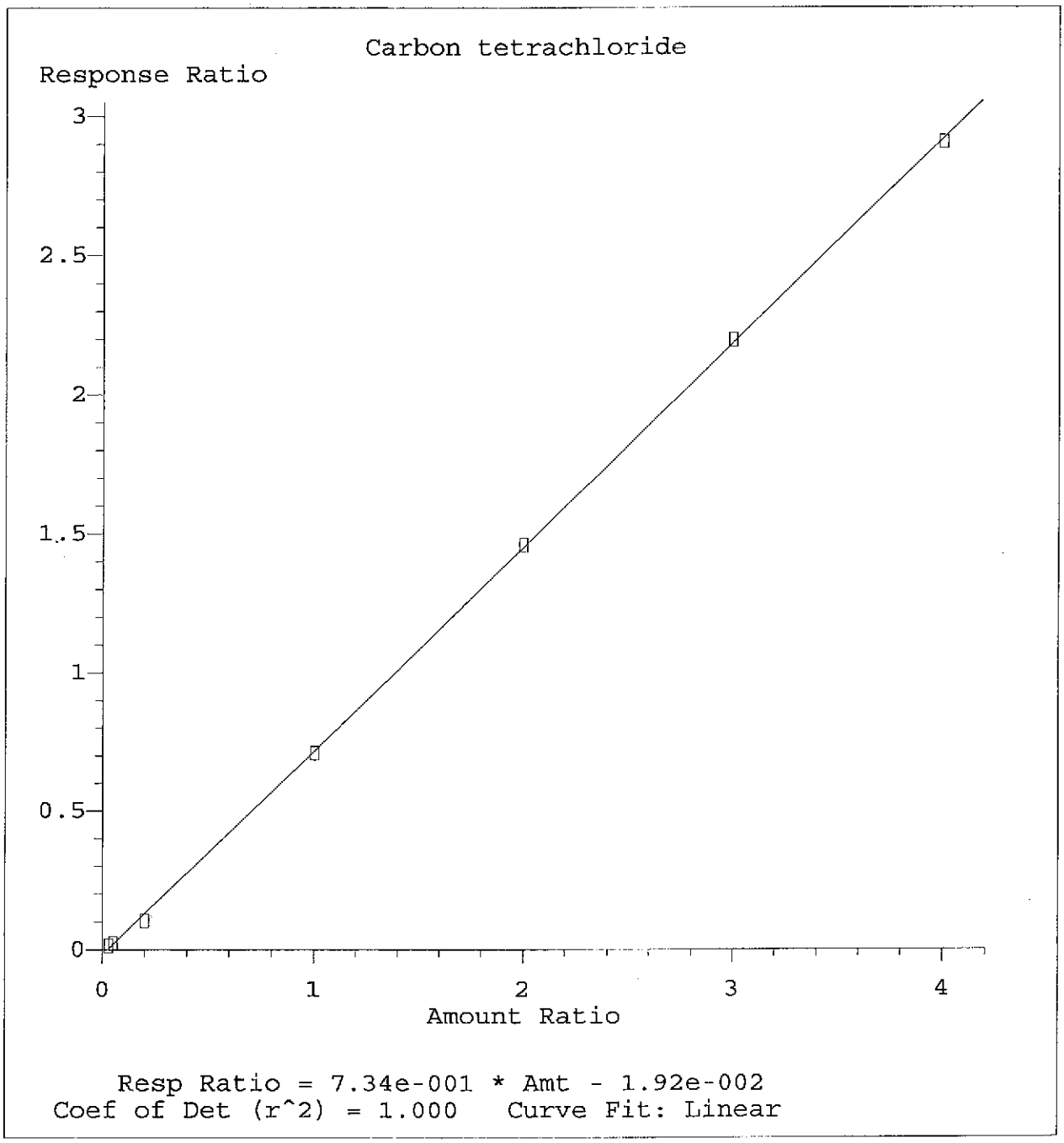
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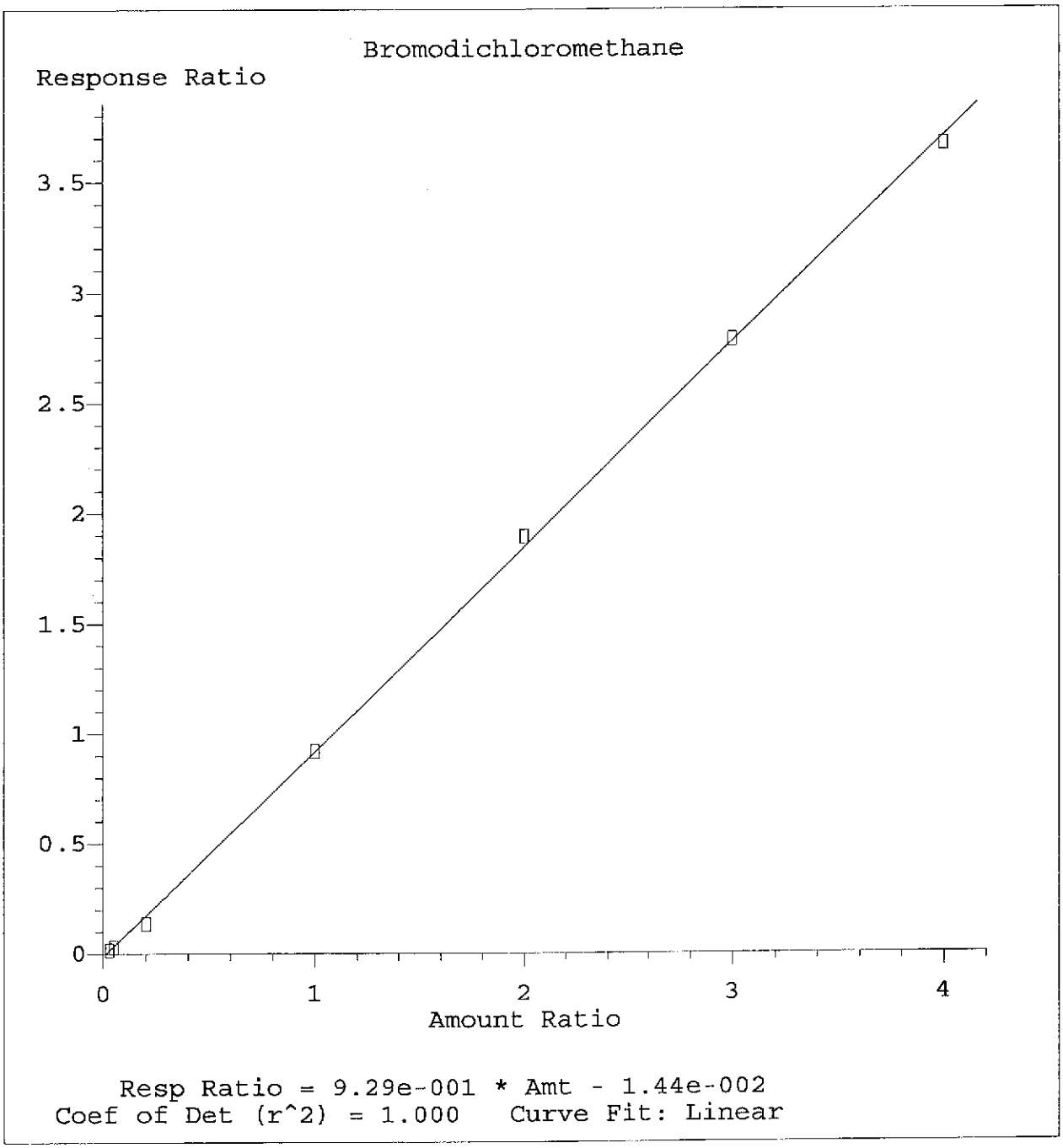
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Calibration Table Last Updated: Wed Oct 10 06:52:52 2007



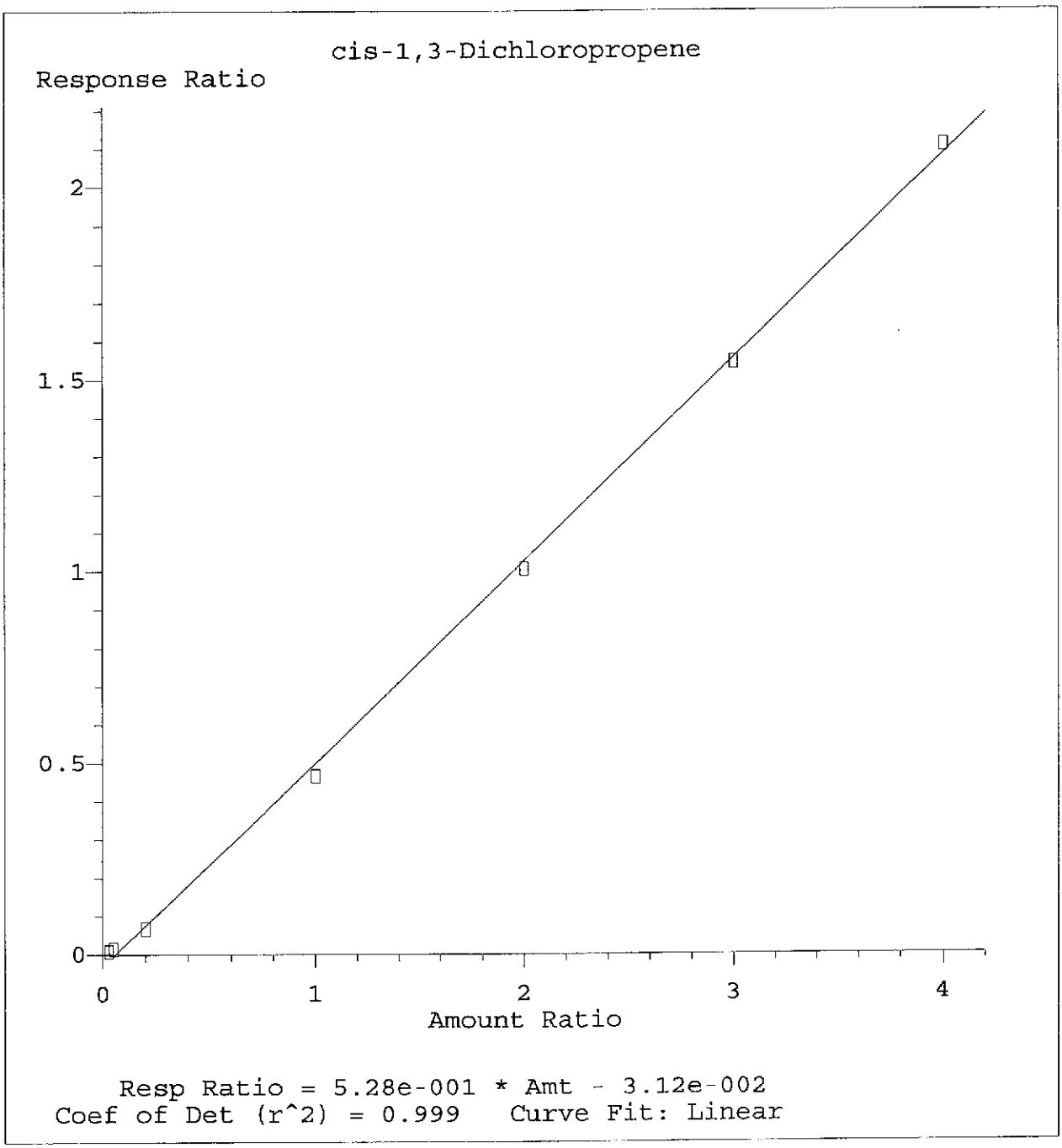
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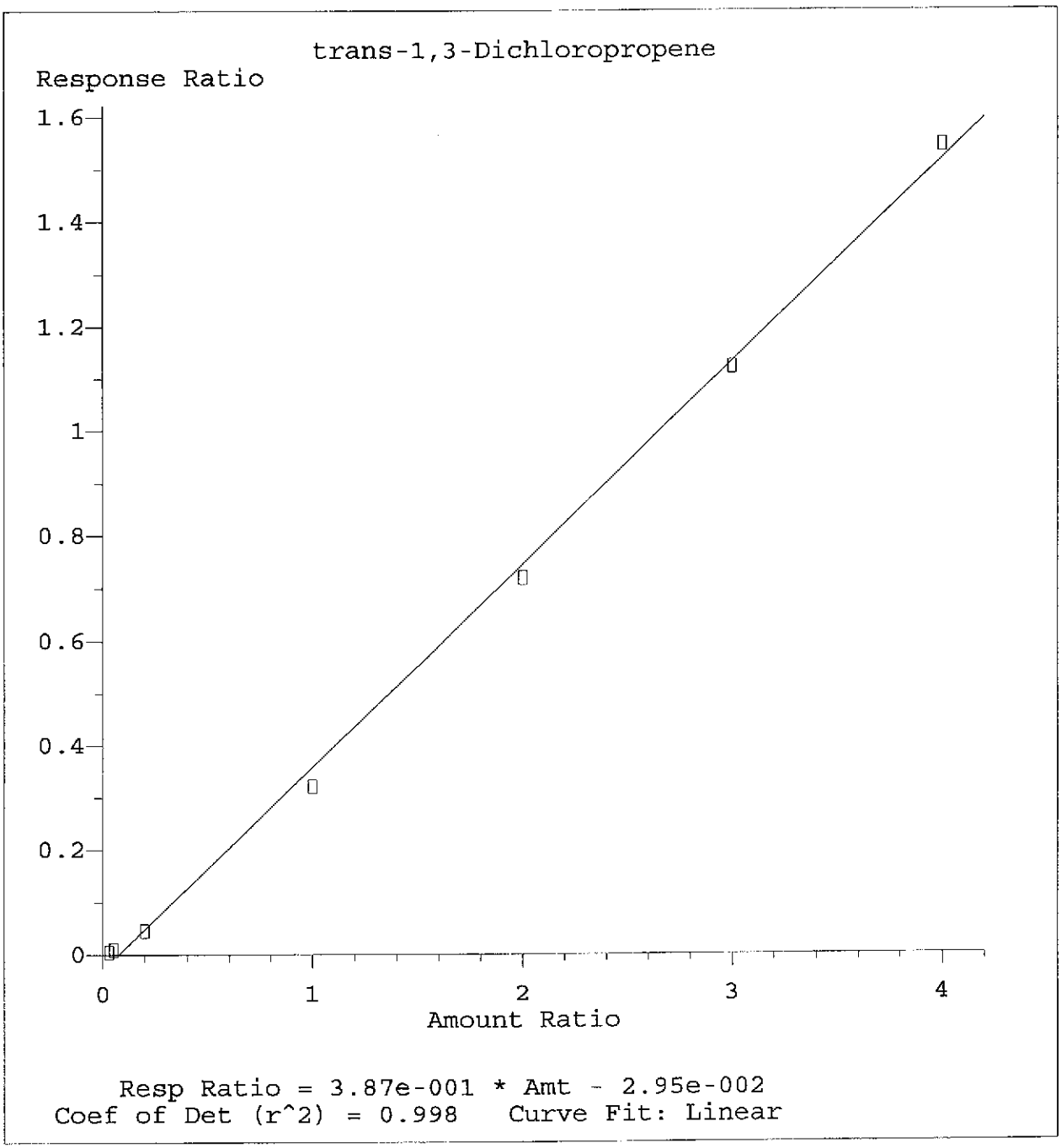
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Calibration Table Last Updated: Wed Oct 10 06:53:26 2007



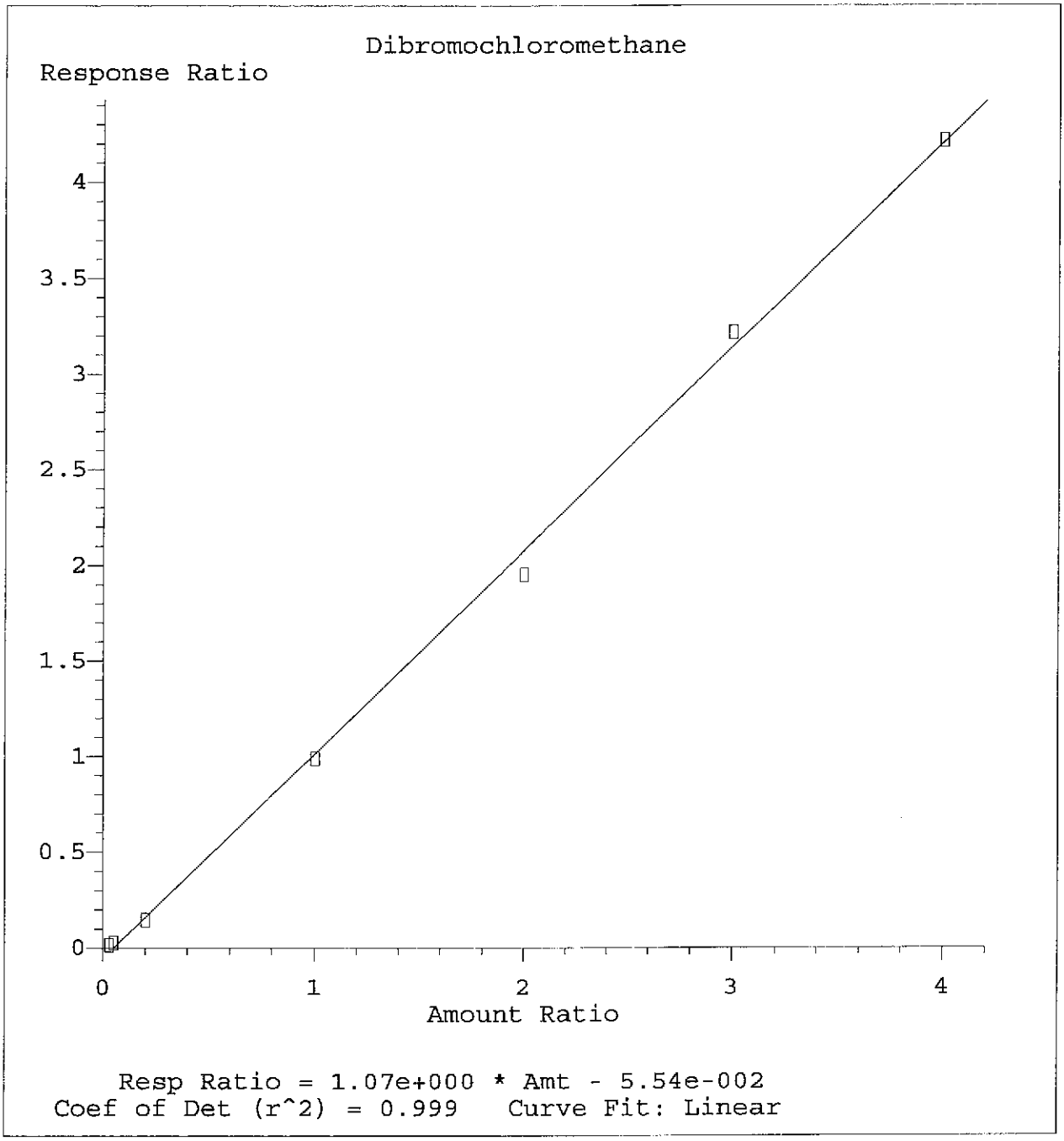
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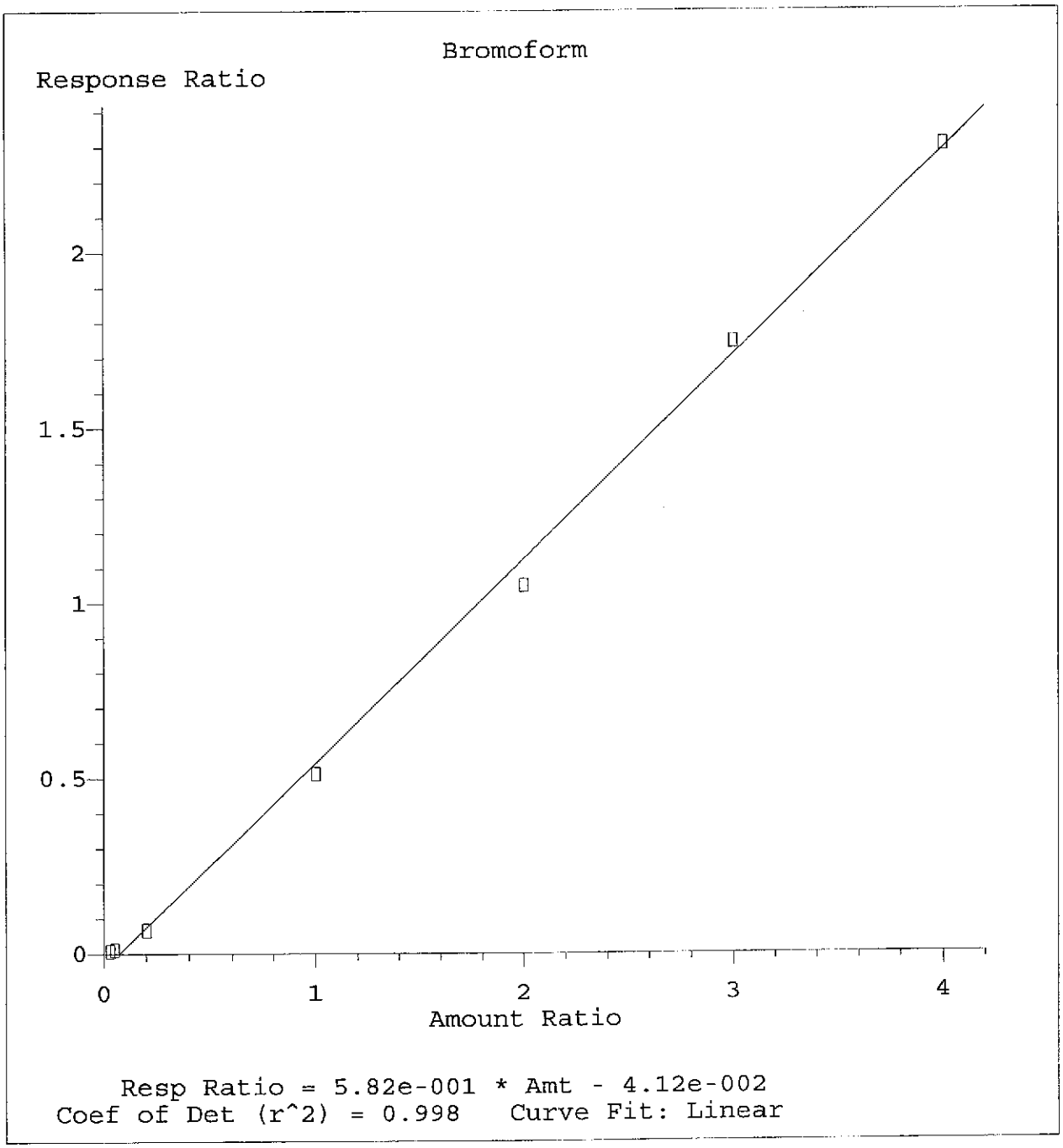
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Calibration Table Last Updated: Wed Oct 10 06:53:52 2007



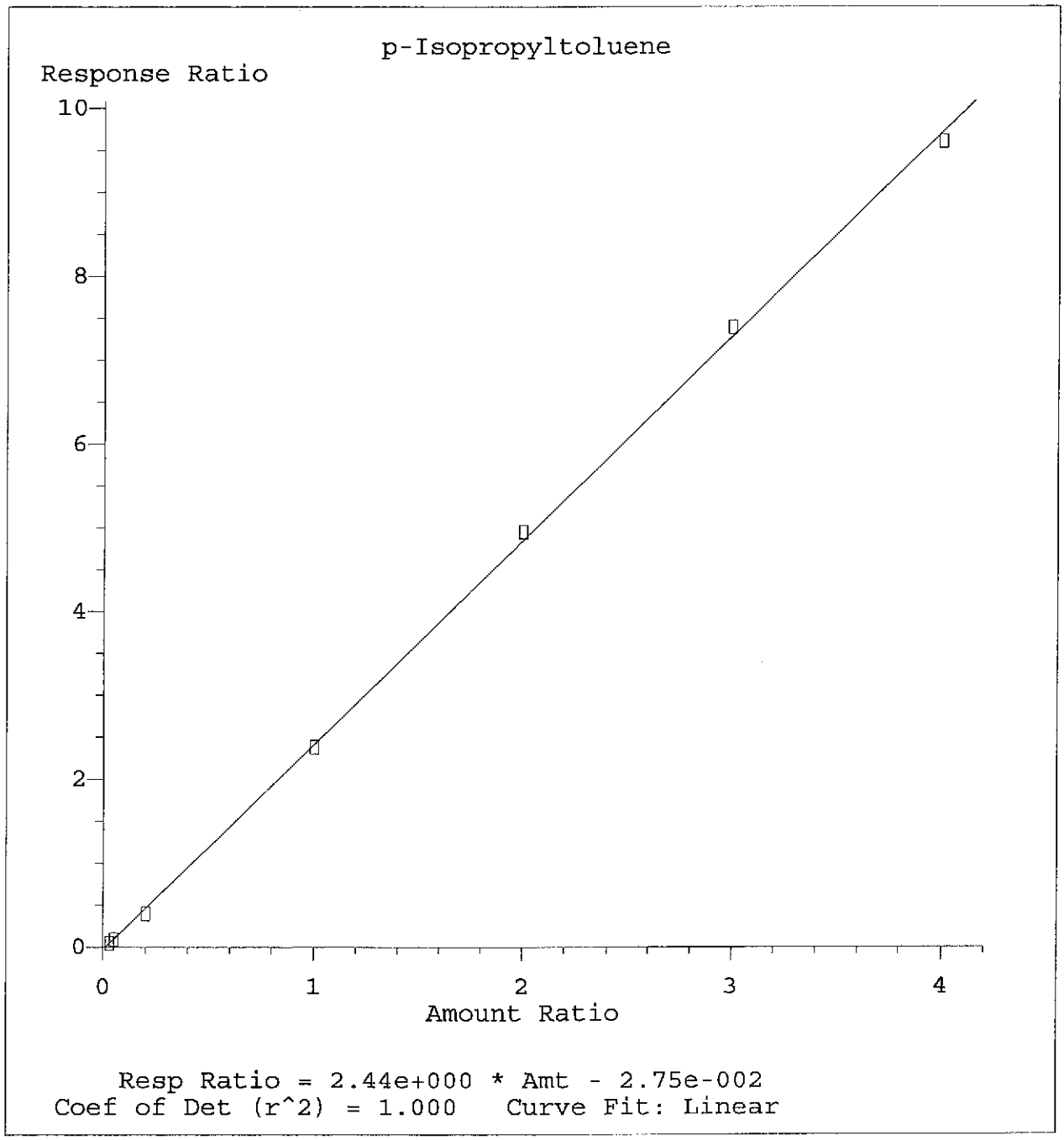
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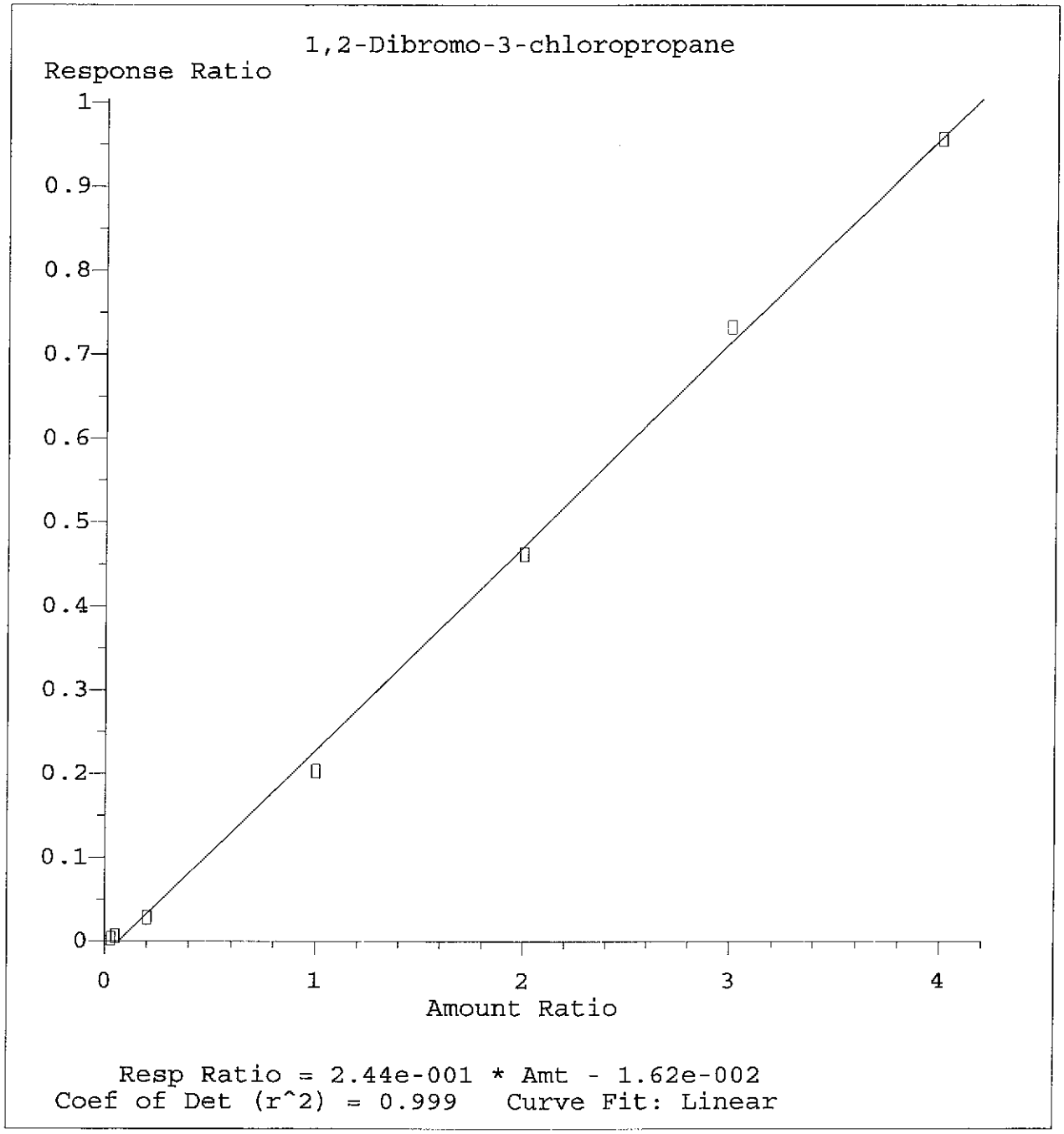
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Calibration Table Last Updated: Wed Oct 10 06:54:25 2007



Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:54:38 2007



Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:55:14 2007



Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:55:33 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10821
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	1038
Second Source ID:	ICV-10821	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	110	-8.9	
1,1,1,2-Tetrachloroethane	50	55	-10.6	
1,1,1-Trichloroethane	50	55	-9.1	
1,1,2,2-Tetrachloroethane	50	55	-10.4	
1,1,2-Trichloroethane	50	54	-7.9	
1,1-Dichloroethane	50	55	-9.8	
1,1-Dichloroethene	50	55	-10	
1,1-Dichloropropene	50	57	-13.5	
1,2,3-Trichlorobenzene	50	56	-11.3	
1,2,3-Trichloropropane	50	51	-1.3	
1,2,4-Trichlorobenzene	50	57	-14.5	
1,2,4-Trimethylbenzene	50	57	-13.6	
1,2-Dibromo-3-chloropropane	50	55	-10.1	
1,2-Dibromoethane	50	55	-9.5	
1,2-Dichlorobenzene	50	55	-10.5	
1,2-Dichloroethane	50	51	-2.9	
1,2-Dichloroethane-d4	50	50	0.6	
1,2-Dichloropropane	50	55	-9.2	
1,3,5-Trimethylbenzene	50	59	-18.2	
1,3-Dichlorobenzene	50	55	-10.7	
1,3-Dichloropropane	50	53	-5.1	
1,4-Dichlorobenzene	50	52	-3.2	
1-Chlorohexane	50	58	-15.8	
2,2-Dichloropropane	50	55	-9.6	
2-Butanone	100	100	-3.1	
2-Chlorotoluene	50	54	-7.1	
4-Bromofluorobenzene	50	52	-4.9	
4-Chlorotoluene	50	61	-21.8	
4-Methyl-2-pentanone	100	100	-1.4	
Acetone	100	100	-1.1	
Benzene	50	53	-6.8	
Bromobenzene	50	55	-10.6	
Bromochloromethane	50	55	-9.2	
Bromodichloromethane	50	57	-14.5	
Bromoform	50	51	-1.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10821
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	1038
Second Source ID:	ICV-10821	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	54	-8.9	
Carbon tetrachloride	50	57	-13.0	
Chlorobenzene	50	54	-8.7	
Chloroethane	50	54	-8.6	
Chloroform	50	53	-6.1	
Chloromethane	50	63	-25.3	
cis-1,2-Dichloroethene	50	54	-8.1	
cis-1,3-Dichloropropene	50	55	-9.7	
Dibromochloromethane	50	54	-7.6	
Dibromofluoromethane	50	52	-3.4	
Dibromomethane	50	55	-10	
Dichlorodifluoromethane	50	56	-12.4	
Ethylbenzene	50	56	-12.0	
Hexachlorobutadiene	50	52	-3.8	
Isopropylbenzene	50	57	-14.1	
Methyl tert-butyl ether	50	55	-10.3	
Methylene chloride	50	48	3.2	
n-Butylbenzene	50	57	-13.4	
n-Propylbenzene	50	58	-15.9	
Naphthalene	50	49	2.2	
o-Xylene	50	55	-10.7	
p-Isopropyltoluene	50	57	-13.2	
sec-Butylbenzene	50	56	-12.2	
Styrene	50	57	-13.2	
tert-Butylbenzene	50	56	-12.6	
Tetrachloroethene	50	55	-10	
Toluene	50	54	-8.1	
Toluene-d8	50	53	-6.0	
trans-1,2-Dichloroethene	50	56	-11.5	
trans-1,3-Dichloropropene	50	50	-0.7	
Trichloroethene	50	55	-10.6	
Trichlorofluoromethane	50	56	-12.0	
Vinyl chloride	50	59	-17.1	
Xylenes (total)	150	160	-9.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11052
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1056
Second Source ID:	ICV-11072	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	97	2.9	
1,1,1,2-Tetrachloroethane	50	47	5.9	
1,1,1-Trichloroethane	50	45	9.3	
1,1,2,2-Tetrachloroethane	50	48	4.6	
1,1,2-Trichloroethane	50	45	9.3	
1,1-Dichloroethane	50	46	9.0	
1,1-Dichloroethene	50	45	10.2	
1,1-Dichloropropene	50	45	9.7	
1,2,3-Trichlorobenzene	50	51	-1.3	
1,2,3-Trichloropropane	50	46	7.8	
1,2,4-Trichlorobenzene	50	49	2.0	
1,2,4-Trimethylbenzene	50	50	0.3	
1,2-Dibromo-3-chloropropane	50	49	1.6	
1,2-Dibromoethane	50	46	7.9	
1,2-Dichlorobenzene	50	47	5.1	
1,2-Dichloroethane	50	45	9.6	
1,2-Dichloroethane-d4	50	53	-5.9	
1,2-Dichloropropane	50	45	9.7	
1,3,5-Trimethylbenzene	50	50	0.2	
1,3-Dichlorobenzene	50	47	6.8	
1,3-Dichloropropane	50	47	6.4	
1,4-Dichlorobenzene	50	45	10.4	
1-Chlorohexane	50	44	11.8	
2,2-Dichloropropane	50	45	9.8	
2-Butanone	100	100	-2.6	
2-Chlorotoluene	50	48	3.5	
4-Bromofluorobenzene	50	53	-6.0	
4-Chlorotoluene	50	48	3.0	
4-Methyl-2-pentanone	100	110	-5.9	
Acetone	100	110	-14.8	
Benzene	50	49	2.8	
Bromobenzene	50	47	6.8	
Bromochloromethane	50	46	7.6	
Bromodichloromethane	50	46	7.5	
Bromoform	50	43	13.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11052
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1056
Second Source ID:	ICV-11072	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	48	4.2	
Carbon tetrachloride	50	45	9.4	
Chlorobenzene	50	47	5.8	
Chloroethane	50	49	1.8	
Chloroform	50	45	9.6	
Chloromethane	50	51	-2.1	
cis-1,2-Dichloroethene	50	46	8.6	
cis-1,3-Dichloropropene	50	47	6.1	
Dibromochloromethane	50	44	12.1	
Dibromofluoromethane	50	54	-8.6	
Dibromomethane	50	46	7.5	
Dichlorodifluoromethane	50	48	3.1	
Ethylbenzene	50	44	11.3	
Hexachlorobutadiene	50	47	6.9	
Isopropylbenzene	50	45	10.3	
Methyl tert-butyl ether	50	49	2.8	
Methylene chloride	50	49	3.0	
n-Butylbenzene	50	41	18.2	
n-Propylbenzene	50	45	10.5	
Naphthalene	50	47	6.4	
o-Xylene	50	47	6.1	
p-Isopropyltoluene	50	50	0.3	
sec-Butylbenzene	50	44	12.4	
Styrene	50	50	-0.3	
tert-Butylbenzene	50	50	0.6	
Tetrachloroethene	50	44	12.1	
Toluene	50	45	10.6	
Toluene-d8	50	52	-4.9	
trans-1,2-Dichloroethene	50	45	10.5	
trans-1,3-Dichloropropene	50	47	6.1	
Trichloroethene	50	44	11.9	
Trichlorofluoromethane	50	48	4.4	
Vinyl chloride	50	51	-1.9	
Xylenes (total)	150	140	3.9	

Comments:

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ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	19.9	0.6	
1,1,1,2-Tetrachloroethane	10	9.42	5.8	
1,1,1-Trichloroethane	10	9.9	1.0	
1,1,2,2-Tetrachloroethane	10	10	0	
1,1,2-Trichloroethane	10	9.63	3.7	
1,1-Dichloroethane	10	9.6	4.0	
1,1-Dichloroethene	10	9.23	7.7	
1,1-Dichloropropene	10	10	-0.4	
1,2,3-Trichlorobenzene	10	9.26	7.4	
1,2,3-Trichloropropane	10	9.91	0.9	
1,2,4-Trichlorobenzene	10	9.25	7.5	
1,2,4-Trimethylbenzene	10	10.9	-9.2	
1,2-Dibromo-3-chloropropane	10	8.94	10.6	
1,2-Dibromoethane	10	9.56	4.4	
1,2-Dichlorobenzene	10	10.3	-3.1	
1,2-Dichloroethane	10	9.49	5.1	
1,2-Dichloroethane-d4	10	10	-0.5	
1,2-Dichloropropane	10	9.42	5.8	
1,3,5-Trimethylbenzene	10	10.8	-8.3	
1,3-Dichlorobenzene	10	10.1	-1.3	
1,3-Dichloropropane	10	9.57	4.3	
1,4-Dichlorobenzene	10	9.91	0.9	
1-Chlorohexane	10	9.45	5.5	
2,2-Dichloropropane	10	8.99	10.1	
2-Butanone	20	19.5	2.5	
2-Chlorotoluene	10	10.3	-3.4	
4-Bromofluorobenzene	10	9.94	0.6	
4-Chlorotoluene	10	10.4	-4.3	
4-Methyl-2-pentanone	20	17.7	11.4	
Acetone	20	22.4	-12.0	
Benzene	10	10	-0.4	
Bromobenzene	10	10.1	-0.7	
Bromochloromethane	10	9.2	8.0	
Bromodichloromethane	10	10.1	-0.7	
Bromoform	10	8.63	13.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	9.3	7.0	
Carbon tetrachloride	10	9.08	9.2	
Chlorobenzene	10	9.76	2.4	
Chloroethane	10	9.51	4.9	
Chloroform	10	9.61	3.9	
Chloromethane	10	9.52	4.8	
cis-1,2-Dichloroethene	10	9.65	3.5	
cis-1,3-Dichloropropene	10	10.2	-2.3	
Dibromochloromethane	10	9.6	4.0	
Dibromofluoromethane	10	10.1	-1.1	
Dibromomethane	10	9.45	5.5	
Dichlorodifluoromethane	10	9.58	4.2	
Ethylbenzene	10	10.3	-2.7	
Hexachlorobutadiene	10	9.44	5.6	
Isopropylbenzene	10	11	-9.6	
Methyl tert-butyl ether	10	10.1	-1.1	
Methylene chloride	10	9.11	8.9	
n-Butylbenzene	10	11.7	-17.4	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.14	8.6	
o-Xylene	10	9.84	1.6	
p-Isopropyltoluene	10	11.2	-11.7	
sec-Butylbenzene	10	11.2	-11.6	
Styrene	10	9.06	9.4	
tert-Butylbenzene	10	10.5	-5.0	
Tetrachloroethene	10	9.43	5.7	
Toluene	10	10.3	-2.8	
Toluene-d8	10	10.8	-8.2	
trans-1,2-Dichloroethene	10	9.52	4.8	
trans-1,3-Dichloropropene	10	8.96	10.4	
Trichloroethene	10	9.56	4.4	
Trichlorofluoromethane	10	10	-0.5	
Vinyl chloride	10	10	-0.1	
Xylenes (total)	30	29.7	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11406
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	1078
Second Source ID:	ICV-11406	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	20.3	-1.5	
1,1,1,2-Tetrachloroethane	10	10.7	-7.0	
1,1,1-Trichloroethane	10	9.81	1.9	
1,1,2,2-Tetrachloroethane	10	9.5	5.0	
1,1,2-Trichloroethane	10	10.1	-1.0	
1,1-Dichloroethane	10	10.4	-4.0	
1,1-Dichloroethene	10	10.7	-7.3	
1,1-Dichloropropene	10	10.5	-5.3	
1,2,3-Trichlorobenzene	10	9.3	7.0	
1,2,3-Trichloropropane	10	9.83	1.7	
1,2,4-Trichlorobenzene	10	9.45	5.5	
1,2,4-Trimethylbenzene	10	10.4	-4.3	
1,2-Dibromo-3-chloropropane	10	8.66	13.4	
1,2-Dibromoethane	10	9.91	0.9	
1,2-Dichlorobenzene	10	9.86	1.4	
1,2-Dichloroethane	10	9.48	5.2	
1,2-Dichloroethane-d4	10	9.87	1.3	
1,2-Dichloropropane	10	10	-0.5	
1,3,5-Trimethylbenzene	10	10.3	-3.0	
1,3-Dichlorobenzene	10	10.2	-2.3	
1,3-Dichloropropane	10	9.54	4.6	
1,4-Dichlorobenzene	10	10	-0.2	
1-Chlorohexane	10	11	-9.5	
2,2-Dichloropropane	10	9.59	4.1	
2-Butanone	20	18.3	8.6	
2-Chlorotoluene	10	9.75	2.5	
4-Bromofluorobenzene	10	9.76	2.4	
4-Chlorotoluene	10	9.89	1.1	
4-Methyl-2-pentanone	20	19.2	4.0	
Acetone	20	16.2	19.0	
Benzene	10	10.1	-1.1	
Bromobenzene	10	9.98	0.2	
Bromochloromethane	10	10.3	-3.4	
Bromodichloromethane	10	9.56	4.4	
Bromoform	10	8.98	10.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11406
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	1078
Second Source ID:	ICV-11406	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	9.54	4.6	
Carbon tetrachloride	10	9.85	1.5	
Chlorobenzene	10	9.93	0.7	
Chloroethane	10	10.6	-6.3	
Chloroform	10	10.3	-3.4	
Chloromethane	10	10.8	-8.5	
cis-1,2-Dichloroethene	10	10.3	-3.1	
cis-1,3-Dichloropropene	10	9.4	6.0	
Dibromochloromethane	10	9.34	6.6	
Dibromofluoromethane	10	10.6	-5.7	
Dibromomethane	10	10	0	
Dichlorodifluoromethane	10	10.2	-2.3	
Ethylbenzene	10	10.5	-5.2	
Hexachlorobutadiene	10	10.6	-5.6	
Isopropylbenzene	10	10.3	-3.4	
Methyl tert-butyl ether	10	10	-0.3	
Methylene chloride	10	9.87	1.3	
n-Butylbenzene	10	10.5	-5.0	
n-Propylbenzene	10	10.6	-6.0	
Naphthalene	10	8.5	15.0	
o-Xylene	10	10.1	-0.9	
p-Isopropyltoluene	10	9.63	3.7	
sec-Butylbenzene	10	10.9	-9.4	
Styrene	10	10.3	-2.9	
tert-Butylbenzene	10	10.4	-4.0	
Tetrachloroethene	10	10.3	-2.7	
Toluene	10	10.4	-4.5	
Toluene-d8	10	10.8	-8.1	
trans-1,2-Dichloroethene	10	10.4	-3.7	
trans-1,3-Dichloropropene	10	9.24	7.6	
Trichloroethene	10	10.4	-3.6	
Trichlorofluoromethane	10	10.5	-5.1	
Vinyl chloride	10	10.1	-1.1	
Xylenes (total)	30	30.4	-1.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Initial Calibration -ID: 1056

ICV ID: ICV-11072

CCV #1 ID: CCV-11241

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	101	0.00
2		Dichlorodifluoromethane	0.277	0.221	20.2#	80	0.00
3	P	Chloromethane	0.362	0.286	21.0#	84	0.00
4	CP	Vinyl chloride	0.321	0.318	0.9	102	0.00
5		Bromomethane	0.185	0.195	-5.4	121	0.00
6		Chloroethane	0.237	0.308	-30.0#	133	0.00
7		Trichlorofluoromethane	0.523	0.704	-34.6#	135	0.00
8		Acetone	0.125	0.087	30.4#	92	0.00
9	CPM	1,1-Dichloroethene	0.189	0.178	5.8	86	0.00
10		Methylene chloride	0.331	0.262	20.8#	75	0.00
11		trans-1,2-Dichloroethene	0.236	0.231	2.1	91	0.00
12		Methyl tert-Butyl ether	0.778	0.810	-4.1	96	0.00
13	P	1,1-Dichloroethane	0.471	0.475	-0.8	95	0.00
[illegible]		2-Butanone	0.196	0.168	14.3	95	0.00
[illegible]		cis-1,2-Dichloroethene	0.264	0.271	-2.7	96	0.00
16		Bromochloromethane	0.126	0.131	-4.0	100	0.00
17	CP	Chloroform	0.436	0.466	-6.9	101	0.00
18		2,2-Dichloropropane	0.374	0.412	-10.2	101	0.00
19	S	Dibromofluoromethane	0.218	0.229	-5.0	100	0.00
20	S	1,2-Dichloroethane-d4	0.303	0.324	-6.9	104	0.00
21		1,2-Dichloroethane	0.365	0.392	-7.4	103	0.00
22		1,1,1-Trichloroethane	0.386	0.422	-9.3	100	0.00
23		1,1-Dichloropropene	0.335	0.348	-3.9	95	0.00
24		Carbon tetrachloride	0.291	0.312	-7.2	97	0.00
25	M	Benzene	1.010	1.079	-6.8	94	0.00
26	M	Trichloroethene	0.262	0.275	-5.0	100	0.00
27		Dibromomethane	0.155	0.161	-3.9	98	0.00
28	CP	1,2-Dichloropropane	0.281	0.273	2.8	94	0.00
29		Bromodichloromethane	0.318	0.334	-5.0	98	0.00
30		4-Methyl-2-pentanone	0.364	0.388	-6.6	106	0.00
31		cis-1,3-Dichloropropene	0.425	0.438	-3.1	95	0.00
32	S	Toluene-d8	0.809	0.893	-10.4	97	0.00
33	CPM	Toluene	0.707	0.690	2.4	92	0.00
34		trans-1,3-Dichloropropene	0.385	0.415	-7.8	99	0.00
35		1,1,2-Trichloroethane	0.196	0.198	-1.0	96	0.00
36		1,2-Dibromoethane	0.223	0.225	-0.9	95	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
[illegible]		1,3-Dichloropropane	0.985	0.979	0.6	96	0.00
		Dibromochloromethane	0.557	0.556	0.2	95	0.00
40		Tetrachloroethene	0.601	0.633	-5.3	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.781	0.812	-4.0	97	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.552	-3.6	98	0.00
43	PM	Chlorobenzene	1.576	1.682	-6.7	100	0.00
44	CP	Ethylbenzene	2.597	2.995	-15.3	101	0.00
45		(m+p)-Xylene	0.962	1.080	-12.3	101	0.00
46		o-Xylene	0.992	1.019	-2.7	97	0.00
47		Styrene	1.558	1.733	-11.2	98	0.00
48	P	Bromoform	0.377	0.369	2.1	92	0.00
49	S	Bromofluorobenzene	0.756	0.745	1.5	98	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
51	P	1,1,2,2-Tetrachloroethane	1.054	1.031	2.2	93	0.00
52		Isopropylbenzene	3.211	3.761	-17.1	100	0.00
		1,2,3-Trichloropropane	0.950	0.909	4.3	93	0.00
		Bromobenzene	0.918	0.960	-4.6	102	0.00
55		n-Propylbenzene	3.655	4.489	-22.8#	105	0.00
56		2-Chlorotoluene	2.641	2.884	-9.2	101	0.00
57		4-Chlorotoluene	2.269	2.448	-7.9	99	0.00
58		1,3,5-Trimethylbenzene	2.508	2.891	-15.3	103	0.00
59		tert-Butylbenzene	2.322	2.597	-11.8	99	0.00
60		1,2,4-Trimethylbenzene	2.340	2.655	-13.5	102	0.00
61		sec-Butylbenzene	3.265	3.899	-19.4	101	0.00
62		1,3-Dichlorobenzene	1.482	1.565	-5.6	101	0.00
63		p-Isopropyltoluene	2.617	3.094	-18.2	102	0.00
64		1,4-Dichlorobenzene	1.521	1.541	-1.3	99	0.00
65		n-Butylbenzene	2.288	2.699	-18.0	104	0.00
66		1,2-Dichlorobenzene	1.443	1.483	-2.8	99	0.00
67		1,2-Dibromo-3-chloropropane	0.186	0.175	5.9	90	0.00
68		1,2,4-Trichlorobenzene	0.723	0.830	-14.8	103	0.00
69		Hexachlorobutadiene	0.542	0.589	-8.7	95	0.00
70		Naphthalene	1.488	1.744	-17.2	98	0.00
71		1,2,3-Trichlorobenzene	0.672	0.753	-12.1	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	101	0.00
2		Dichlorodifluoromethane	50.000	39.850	20.3#	80	0.00
3	P	Chloromethane	50.000	39.537	20.9#	84	0.00
4	CP	Vinyl chloride	50.000	49.390	1.2	102	0.00
5		Bromomethane	50.000	52.694	-5.4	121	0.00
6		Chloroethane	50.000	64.885	-29.8#	133	0.00
7		Trichlorofluoromethane	50.000	67.276	-34.6#	135	0.00
8		Acetone	100.000	80.460	19.5	92	0.00
9	CPM	1,1-Dichloroethene	50.000	46.953	6.1	86	0.00
10		Methylene chloride	50.000	41.917	16.2	75	0.00
11		trans-1,2-Dichloroethene	50.000	48.957	2.1	91	0.00
12		Methyl tert-Butyl ether	50.000	52.076	-4.2	96	0.00
13	P	1,1-Dichloroethane	50.000	50.356	-0.7	95	0.00
[illegible]		2-Butanone	100.000	85.637	14.4	95	0.00
[illegible]		cis-1,2-Dichloroethene	50.000	51.213	-2.4	96	0.00
16		Bromochloromethane	50.000	52.239	-4.5	100	0.00
17	CP	Chloroform	50.000	53.468	-6.9	101	0.00
18		2,2-Dichloropropane	50.000	55.117	-10.2	101	0.00
19	S	Dibromofluoromethane	50.000	52.523	-5.0	100	0.00
20	S	1,2-Dichloroethane-d4	50.000	53.497	-7.0	104	0.00
21		1,2-Dichloroethane	50.000	53.690	-7.4	103	0.00
22		1,1,1-Trichloroethane	50.000	54.693	-9.4	100	0.00
23		1,1-Dichloropropene	50.000	51.948	-3.9	95	0.00
24		Carbon tetrachloride	50.000	53.646	-7.3	97	0.00
25	M	Benzene	50.000	53.431	-6.9	94	0.00
26	M	Trichloroethene	50.000	52.571	-5.1	100	0.00
27		Dibromomethane	50.000	51.943	-3.9	98	0.00
28	CP	1,2-Dichloropropane	50.000	48.665	2.7	94	0.00
29		Bromodichloromethane	50.000	52.548	-5.1	98	0.00
30		4-Methyl-2-pentanone	100.000	106.530	-6.5	106	0.00
31		cis-1,3-Dichloropropene	50.000	51.615	-3.2	95	0.00
32	S	Toluene-d8	50.000	49.889	0.2	97	0.00
33	CPM	Toluene	50.000	48.798	2.4	92	0.00
34		trans-1,3-Dichloropropene	50.000	53.850	-7.7	99	0.00
35		1,1,2-Trichloroethane	50.000	50.304	-0.6	96	0.00
36		1,2-Dibromoethane	50.000	50.490	-1.0	95	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
[illegible]		1,3-Dichloropropane	50.000	49.690	0.6	96	0.00
		Dibromochloromethane	50.000	45.715	8.6	95	0.00
40		Tetrachloroethene	50.000	52.634	-5.3	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4592.D
Acq On : 1 Oct 2007 8:19
Sample : CCV-11241
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 07:15:40 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	51.972	-3.9	97	0.00
42		1,1,1,2-Tetrachloroethane	50.000	51.761	-3.5	98	0.00
43	PM	Chlorobenzene	50.000	53.371	-6.7	100	0.00
44	CP	Ethylbenzene	50.000	51.727	-3.5	101	0.00
45		(m+p)-Xylene	100.000	112.291	-12.3	101	0.00
46		o-Xylene	50.000	51.358	-2.7	97	0.00
47		Styrene	50.000	55.618	-11.2	98	0.00
48	P	Bromoform	50.000	43.313	13.4	92	0.00
49	S	Bromofluorobenzene	50.000	49.326	1.3	98	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	48.911	2.2	93	0.00
52		Isopropylbenzene	50.000	51.145	-2.3	100	0.00
		1,2,3-Trichloropropane	50.000	47.863	4.3	93	0.00
		Bromobenzene	50.000	52.342	-4.7	102	0.00
55		n-Propylbenzene	50.000	54.157	-8.3	105	0.00
56		2-Chlorotoluene	50.000	54.603	-9.2	101	0.00
57		4-Chlorotoluene	50.000	53.945	-7.9	99	0.00
58		1,3,5-Trimethylbenzene	50.000	57.649	-15.3	103	0.00
59		tert-Butylbenzene	50.000	55.923	-11.8	99	0.00
60		1,2,4-Trimethylbenzene	50.000	56.727	-13.5	102	0.00
61		sec-Butylbenzene	50.000	51.545	-3.1	101	0.00
62		1,3-Dichlorobenzene	50.000	52.813	-5.6	101	0.00
63		p-Isopropyltoluene	50.000	59.102	-18.2	102	0.00
64		1,4-Dichlorobenzene	50.000	50.653	-1.3	99	0.00
65		n-Butylbenzene	50.000	51.467	-2.9	104	0.00
66		1,2-Dichlorobenzene	50.000	51.390	-2.8	99	0.00
67		1,2-Dibromo-3-chloropropane	50.000	46.891	6.2	90	0.00
68		1,2,4-Trichlorobenzene	50.000	57.373	-14.7	103	0.00
69		Hexachlorobutadiene	50.000	54.427	-8.9	95	0.00
70		Naphthalene	50.000	48.114	3.8	98	0.00
71		1,2,3-Trichlorobenzene	50.000	55.981	-12.0	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Initial Calibration -ID: 1056

ICV ID: ICV-11072

CCV #1 ID: CCV-11283

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4614.D
Acq On : 2 Oct 2007 13:40
Sample : CCV-11283
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	79	0.00
2		Dichlorodifluoromethane	0.277	0.236	14.8	67	0.00
3	P	Chloromethane	0.362	0.292	19.3	67	0.00
4	CP	Vinyl chloride	0.321	0.341	-6.2	86	0.00
5		Bromomethane	0.185	0.241	-30.3#	117	0.00
6		Chloroethane	0.237	0.313	-32.1#	106	0.00
7		Trichlorofluoromethane	0.523	0.720	-37.7#	108	0.00
8		Acetone	0.125	0.095	24.0#	79	0.00
9	CPM	1,1-Dichloroethene	0.189	0.203	-7.4	78	0.00
10		Methylene chloride	0.331	0.270	18.4	60	0.00
11		trans-1,2-Dichloroethene	0.236	0.235	0.4	73	0.00
12		Methyl tert-Butyl ether	0.778	0.839	-7.8	78	0.00
13	P	1,1-Dichloroethane	0.471	0.489	-3.8	76	0.00
		2-Butanone	0.196	0.171	12.8	76	0.00
		cis-1,2-Dichloroethene	0.264	0.275	-4.2	76	0.00
16		Bromochloromethane	0.126	0.134	-6.3	80	0.00
17	CP	Chloroform	0.436	0.485	-11.2	82	0.00
18		2,2-Dichloropropane	0.374	0.417	-11.5	81	0.00
19	S	Dibromofluoromethane	0.218	0.237	-8.7	81	0.00
20	S	1,2-Dichloroethane-d4	0.303	0.338	-11.6	85	0.00
21		1,2-Dichloroethane	0.365	0.411	-12.6	85	0.00
22		1,1,1-Trichloroethane	0.386	0.437	-13.2	81	0.00
23		1,1-Dichloropropene	0.335	0.360	-7.5	77	0.00
24		Carbon tetrachloride	0.291	0.326	-12.0	80	0.00
25	M	Benzene	1.010	1.121	-11.0	76	0.00
26	M	Trichloroethene	0.262	0.281	-7.3	80	0.00
27		Dibromomethane	0.155	0.168	-8.4	81	0.00
28	CP	1,2-Dichloropropane	0.281	0.285	-1.4	77	0.00
29		Bromodichloromethane	0.318	0.351	-10.4	81	0.00
30		4-Methyl-2-pentanone	0.364	0.391	-7.4	84	0.00
31		cis-1,3-Dichloropropene	0.425	0.460	-8.2	78	0.00
32	S	Toluene-d8	0.809	0.926	-14.5	79	0.00
33	CPM	Toluene	0.707	0.712	-0.7	75	0.00
34		trans-1,3-Dichloropropene	0.385	0.434	-12.7	81	0.00
35		1,1,2-Trichloroethane	0.196	0.207	-5.6	79	0.00
36		1,2-Dibromoethane	0.223	0.235	-5.4	78	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
		1,3-Dichloropropane	0.985	1.029	-4.5	79	0.00
		Dibromochloromethane	0.557	0.599	-7.5	80	0.00
40		Tetrachloroethene	0.601	0.649	-8.0	80	0.00

(#) = Out of Range

ABM 10-3-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4614.D
Acq On : 2 Oct 2007 13:40
Sample : CCV-11283
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.781	0.818	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.576	-8.1	80	0.00
43	PM	Chlorobenzene	1.576	1.742	-10.5	81	0.00
44	CP	Ethylbenzene	2.597	3.059	-17.8	80	0.00
45		(m+p)-Xylene	0.962	1.063	-10.5	77	0.00
46		o-Xylene	0.992	1.010	-1.8	75	0.00
47		Styrene	1.558	1.726	-10.8	76	0.00
48	P	Bromoform	0.377	0.396	-5.0	77	0.00
49	S	Bromofluorobenzene	0.756	0.756	0.0	77	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
51	P	1,1,2,2-Tetrachloroethane	1.054	1.176	-11.6	79	0.00
52		Isopropylbenzene	3.211	3.995	-24.4#	79	0.00
[illegible]		1,2,3-Trichloropropane	0.950	1.013	-6.6	77	0.00
[illegible]		Bromobenzene	0.918	1.013	-10.3	79	0.00
55		n-Propylbenzene	3.655	4.636	-26.8#	80	0.00
56		2-Chlorotoluene	2.641	2.987	-13.1	78	0.00
57		4-Chlorotoluene	2.269	2.558	-12.7	76	0.00
58		1,3,5-Trimethylbenzene	2.508	2.937	-17.1	77	0.00
59		tert-Butylbenzene	2.322	2.705	-16.5	76	0.00
60		1,2,4-Trimethylbenzene	2.340	2.699	-15.3	77	0.00
61		sec-Butylbenzene	3.265	4.012	-22.9#	77	0.00
62		1,3-Dichlorobenzene	1.482	1.616	-9.0	77	0.00
63		p-Isopropyltoluene	2.617	3.117	-19.1	76	0.00
64		1,4-Dichlorobenzene	1.521	1.586	-4.3	76	0.00
65		n-Butylbenzene	2.288	2.652	-15.9	76	0.00
66		1,2-Dichlorobenzene	1.443	1.544	-7.0	76	0.00
67		1,2-Dibromo-3-chloropropane	0.186	0.190	-2.2	72	0.00
68		1,2,4-Trichlorobenzene	0.723	0.808	-11.8	74	0.00
69		Hexachlorobutadiene	0.542	0.607	-12.0	73	0.00
70		Naphthalene	1.488	1.744	-17.2	73	0.00
71		1,2,3-Trichlorobenzene	0.672	0.733	-9.1	72	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4614.D
Acq On : 2 Oct 2007 13:40
Sample : CCV-11283
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	79	0.00
2		Dichlorodifluoromethane	50.000	42.623	14.8	67	0.00
3	P	Chloromethane	50.000	40.415	19.2	67	0.00
4	CP	Vinyl chloride	50.000	53.022	-6.0	86	0.00
5		Bromomethane	50.000	65.156	-30.3#	117	0.00
6		Chloroethane	50.000	65.938	-31.9#	106	0.00
7		Trichlorofluoromethane	50.000	68.824	-37.6#	108	0.00
8		Acetone	100.000	87.730	12.3	79	0.00
9	CPM	1,1-Dichloroethene	50.000	53.731	-7.5	78	0.00
10		Methylene chloride	50.000	43.165	13.7	60	0.00
11		trans-1,2-Dichloroethene	50.000	49.730	0.5	73	0.00
12		Methyl tert-Butyl ether	50.000	53.897	-7.8	78	0.00
13	P	1,1-Dichloroethane	50.000	51.936	-3.9	76	0.00
		2-Butanone	100.000	87.410	12.6	76	0.00
		cis-1,2-Dichloroethene	50.000	52.107	-4.2	76	0.00
16		Bromochloromethane	50.000	53.243	-6.5	80	0.00
17	CP	Chloroform	50.000	55.658	-11.3	82	0.00
18		2,2-Dichloropropane	50.000	55.809	-11.6	81	0.00
19	S	Dibromofluoromethane	50.000	54.230	-8.5	81	0.00
20	S	1,2-Dichloroethane-d4	50.000	55.726	-11.5	85	0.00
21		1,2-Dichloroethane	50.000	56.340	-12.7	85	0.00
22		1,1,1-Trichloroethane	50.000	56.592	-13.2	81	0.00
23		1,1-Dichloropropene	50.000	53.636	-7.3	77	0.00
24		Carbon tetrachloride	50.000	56.043	-12.1	80	0.00
25	M	Benzene	50.000	55.486	-11.0	76	0.00
26	M	Trichloroethene	50.000	53.564	-7.1	80	0.00
27		Dibromomethane	50.000	54.346	-8.7	81	0.00
28	CP	1,2-Dichloropropane	50.000	50.759	-1.5	77	0.00
29		Bromodichloromethane	50.000	55.303	-10.6	81	0.00
30		4-Methyl-2-pentanone	100.000	107.371	-7.4	84	0.00
31		cis-1,3-Dichloropropene	50.000	54.228	-8.5	78	0.00
32	S	Toluene-d8	50.000	51.813	-3.6	79	0.00
33	CPM	Toluene	50.000	50.331	-0.7	75	0.00
34		trans-1,3-Dichloropropene	50.000	56.333	-12.7	81	0.00
35		1,1,2-Trichloroethane	50.000	52.797	-5.6	79	0.00
36		1,2-Dibromoethane	50.000	52.800	-5.6	78	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
		1,3-Dichloropropane	50.000	52.229	-4.5	79	0.00
		Dibromochloromethane	50.000	49.037	1.9	80	0.00
40		Tetrachloroethene	50.000	54.030	-8.1	80	0.00

(#) = Out of Range

ABM 10-3-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4614.D Vial: 2
Acq On : 2 Oct 2007 13:40 Operator: ABM
Sample : CCV-11283 Inst : #3MS10
Misc : CCV ,8260SAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Oct 03 10:41:37 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	52.356	-4.7	76	0.00
42		1,1,1,2-Tetrachloroethane	50.000	54.054	-8.1	80	0.00
43	PM	Chlorobenzene	50.000	55.258	-10.5	81	0.00
44	CP	Ethylbenzene	50.000	52.979	-6.0	80	0.00
45		(m+p)-Xylene	100.000	110.585	-10.6	77	0.00
46		o-Xylene	50.000	50.885	-1.8	75	0.00
47		Styrene	50.000	55.412	-10.8	76	0.00
48	P	Bromoform	50.000	46.172	7.7	77	0.00
49	S	Bromofluorobenzene	50.000	50.049	-0.1	77	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	55.772	-11.5	79	0.00
52		Isopropylbenzene	50.000	54.733	-9.5	79	0.00
		1,2,3-Trichloropropane	50.000	53.321	-6.6	77	0.00
		Bromobenzene	50.000	55.195	-10.4	79	0.00
55		n-Propylbenzene	50.000	56.212	-12.4	80	0.00
56		2-Chlorotoluene	50.000	56.541	-13.1	78	0.00
57		4-Chlorotoluene	50.000	56.368	-12.7	76	0.00
58		1,3,5-Trimethylbenzene	50.000	58.560	-17.1	77	0.00
59		tert-Butylbenzene	50.000	58.248	-16.5	76	0.00
60		1,2,4-Trimethylbenzene	50.000	57.667	-15.3	77	0.00
61		sec-Butylbenzene	50.000	53.226	-6.5	77	0.00
62		1,3-Dichlorobenzene	50.000	54.518	-9.0	77	0.00
63		p-Isopropyltoluene	50.000	59.536	-19.1	76	0.00
64		1,4-Dichlorobenzene	50.000	52.144	-4.3	76	0.00
65		n-Butylbenzene	50.000	50.507	-1.0	76	0.00
66		1,2-Dichlorobenzene	50.000	53.503	-7.0	76	0.00
67		1,2-Dibromo-3-chloropropane	50.000	51.047	-2.1	72	0.00
68		1,2,4-Trichlorobenzene	50.000	55.823	-11.6	74	0.00
69		Hexachlorobutadiene	50.000	56.046	-12.1	73	0.00
70		Naphthalene	50.000	48.124	3.8	73	0.00
71		1,2,3-Trichlorobenzene	50.000	54.524	-9.0	72	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Initial Calibration -ID: 1038

ICV ID: ICV-10821

CCV #1 ID: CCV-11297

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2632.D
Acq On : 1 Oct 2007 11:20
Sample : CCV-11297
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	80	0.00
2		Dichlorodifluoromethane	0.598	0.375	37.3#	49#	0.00
3	P	Chloromethane	0.228	0.176	22.8#	74	0.00
4	CP	Vinyl chloride	0.161	0.159	1.2	74	0.00
5		Bromomethane	0.236	0.169	28.4#	83	0.00
6		Chloroethane	0.116	0.114	1.7	84	0.00
7		Trichlorofluoromethane	0.756	0.798	-5.6	84	0.00
8		Acetone	0.091	0.080	12.1	74	0.00
9	CPM	1,1-Dichloroethene	0.215	0.246	-14.4	88	0.00
10		Methylene chloride	0.744	0.347	53.4#	68	0.00
11		trans-1,2-Dichloroethene	0.297	0.335	-12.8	86	0.00
12		Methyl tert-Butyl ether	0.590	0.589	0.2	75	0.00
13	P	1,1-Dichloroethane	0.585	0.625	-6.8	83	0.00
14		2-Butanone	0.159	0.147	7.5	73	0.00
		cis-1,2-Dichloroethene	0.353	0.401	-13.6	86	0.00
[illegible]		Bromochloromethane	0.258	0.295	-14.3	86	0.00
17	CP	Chloroform	0.810	0.868	-7.2	82	0.00
18		2,2-Dichloropropane	0.495	0.539	-8.9	83	0.00
19	S	Dibromofluoromethane	0.775	0.846	-9.2	83	0.00
20	S	1,2-Dichloroethane-d4	0.426	0.431	-1.2	76	0.00
21		1,2-Dichloroethane	0.515	0.516	-0.2	77	0.00
22		1,1,1-Trichloroethane	0.642	0.683	-6.4	81	0.00
23		1,1-Dichloropropene	0.448	0.503	-12.3	88	0.00
24		Carbon tetrachloride	0.630	0.675	-7.1	82	0.00
25	M	Benzene	0.784	0.842	-7.4	83	0.00
26	M	Trichloroethene	0.462	0.516	-11.7	84	0.00
27		Dibromomethane	0.525	0.552	-5.1	76	0.00
28	CP	1,2-Dichloropropane	0.339	0.356	-5.0	80	0.00
29		Bromodichloromethane	0.881	1.010	-14.6	82	0.00
30		4-Methyl-2-pentanone	0.386	0.351	9.1	66	0.00
31		cis-1,3-Dichloropropene	0.551	0.558	-1.3	76	0.00
32	S	Toluene-d8	0.812	0.917	-12.9	85	0.00
33	CPM	Toluene	0.533	0.612	-14.8	88	0.00
34		trans-1,3-Dichloropropene	0.476	0.465	2.3	73	0.00
35		1,1,2-Trichloroethane	0.347	0.372	-7.2	80	0.00
36		1,2-Dibromoethane	0.711	0.761	-7.0	77	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
38		1,3-Dichloropropane	1.064	1.170	-10.0	79	0.00
39		Dibromochloromethane	1.594	1.756	-10.2	79	0.00
		Tetrachloroethene	0.926	1.157	-24.9#	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2632.D Vial: 2
Acq On : 1 Oct 2007 11:20 Operator: JK
Sample : CCV-11297 Inst : #2MS12
Misc : CCV ,8260SAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.569	0.715	-25.7#	93	0.00
42		1,1,1,2-Tetrachloroethane	0.805	0.948	-17.8	85	0.00
43	PM	Chlorobenzene	1.329	1.561	-17.5	87	0.00
44	CP	Ethylbenzene	1.710	2.017	-18.0	86	0.10
45		(m+p)-Xylene	0.658	0.804	-22.2#	93	0.00
46		o-Xylene	0.687	0.842	-22.6#	90	0.00
47		Styrene	1.154	1.434	-24.3#	93	0.00
48	P	Bromoform	1.175	1.312	-11.7	80	0.00
49	S	Bromofluorobenzene	1.369	1.532	-11.9	86	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
51	P	1,1,2,2-Tetrachloroethane	1.642	1.700	-3.5	82	0.00
52		Isopropylbenzene	2.254	2.559	-13.5	93	0.00
53		1,2,3-Trichloropropane	1.172	1.108	5.5	82	0.00
		Bromobenzene	1.003	1.084	-8.1	90	0.00
55		n-Propylbenzene	2.750	2.998	-9.0	87	0.00
56		2-Chlorotoluene	2.275	2.402	-5.6	80	0.00
57		4-Chlorotoluene	1.986	2.402	-20.9#	104	0.00
58		1,3,5-Trimethylbenzene	1.689	1.883	-11.5	93	0.00
59		tert-Butylbenzene	1.812	2.083	-15.0	94	0.00
60		1,2,4-Trimethylbenzene	1.485	1.722	-16.0	95	0.00
61		sec-Butylbenzene	2.481	2.930	-18.1	96	0.00
62		1,3-Dichlorobenzene	1.540	1.732	-12.5	94	0.00
63		p-Isopropyltoluene	1.744	2.103	-20.6#	98	0.00
64		1,4-Dichlorobenzene	1.530	1.612	-5.4	90	0.00
65		n-Butylbenzene	1.453	1.754	-20.7#	102	0.00
66		1,2-Dichlorobenzene	1.514	1.691	-11.7	92	0.00
67		1,2-Dibromo-3-chloropropane	0.533	0.482	9.6	71	0.00
68		1,2,4-Trichlorobenzene	0.822	1.063	-29.3#	106	0.00
69		Hexachlorobutadiene	0.821	0.965	-17.5	100	0.00
70		Naphthalene	1.100	1.392	-26.5#	102	0.00
71		1,2,3-Trichlorobenzene	0.886	1.075	-21.3#	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2632.D
Acq On : 1 Oct 2007 11:20
Sample : CCV-11297
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	80	0.00
2		Dichlorodifluoromethane	50.000	31.357	37.3#	49	0.00
3	P	Chloromethane	50.000	46.757	6.5	74	0.00
4	CP	Vinyl chloride	50.000	49.404	1.2	74	0.00
5		Bromomethane	50.000	39.082	21.8#	83	0.00
6		Chloroethane	50.000	49.014	2.0	84	0.00
7		Trichlorofluoromethane	50.000	52.790	-5.6	84	0.00
8		Acetone	100.000	87.522	12.5	74	0.00
9	CPM	1,1-Dichloroethene	50.000	57.203	-14.4	88	0.00
10		Methylene chloride	50.000	44.274	11.5	68	0.00
11		trans-1,2-Dichloroethene	50.000	56.361	-12.7	86	0.00
12		Methyl tert-Butyl ether	50.000	49.935	0.1	75	0.00
13	P	1,1-Dichloroethane	50.000	53.443	-6.9	83	0.00
14		2-Butanone	100.000	92.876	7.1	73	0.00
		cis-1,2-Dichloroethene	50.000	56.926	-13.9	86	0.00
16		Bromochloromethane	50.000	57.229	-14.5	86	0.00
17	CP	Chloroform	50.000	53.590	-7.2	82	0.00
18		2,2-Dichloropropane	50.000	54.397	-8.8	83	0.00
19	S	Dibromofluoromethane	50.000	54.621	-9.2	83	0.00
20	S	1,2-Dichloroethane-d4	50.000	50.613	-1.2	76	0.00
21		1,2-Dichloroethane	50.000	50.050	-0.1	77	0.00
22		1,1,1-Trichloroethane	50.000	53.205	-6.4	81	0.00
23		1,1-Dichloropropene	50.000	56.155	-12.3	88	0.00
24		Carbon tetrachloride	50.000	53.601	-7.2	82	0.00
25	M	Benzene	50.000	53.743	-7.5	83	0.00
26	M	Trichloroethene	50.000	55.865	-11.7	84	0.00
27		Dibromomethane	50.000	52.568	-5.1	76	0.00
28	CP	1,2-Dichloropropane	50.000	52.495	-5.0	80	0.00
29		Bromodichloromethane	50.000	57.299	-14.6	82	0.00
30		4-Methyl-2-pentanone	100.000	90.969	9.0	66	0.00
31		cis-1,3-Dichloropropene	50.000	50.651	-1.3	76	0.00
32	S	Toluene-d8	50.000	56.467	-12.9	85	0.00
33	CPM	Toluene	50.000	57.417	-14.8	88	0.00
34		trans-1,3-Dichloropropene	50.000	45.877	8.2	73	0.00
35		1,1,2-Trichloroethane	50.000	53.675	-7.3	80	0.00
36		1,2-Dibromoethane	50.000	53.520	-7.0	77	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
38		1,3-Dichloropropane	50.000	54.978	-10.0	79	0.00
39		Dibromochloromethane	50.000	55.077	-10.2	79	0.00
		Tetrachloroethene	50.000	62.450	-24.9#	95	0.00

(#) = Out of Range

10/4/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2632.D
Acq On : 1 Oct 2007 11:20
Sample : CCV-11297
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	62.781	-25.6#	93	0.00
42		1,1,1,2-Tetrachloroethane	50.000	58.894	-17.8	85	0.00
43	PM	Chlorobenzene	50.000	58.738	-17.5	87	0.00
44	CP	Ethylbenzene	50.000	58.967	-17.9	86	0.10
45		(m+p)-Xylene	100.000	122.230	-22.2#	93	0.00
46		o-Xylene	50.000	61.268	-22.5#	90	0.00
47		Styrene	50.000	62.124	-24.2#	93	0.00
48	P	Bromoform	50.000	52.347	-4.7	80	0.00
49	S	Bromofluorobenzene	50.000	55.983	-12.0	86	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	51.748	-3.5	82	0.00
52		Isopropylbenzene	50.000	56.763	-13.5	93	0.00
53		1,2,3-Trichloropropane	50.000	47.254	5.5	82	0.00
		Bromobenzene	50.000	54.014	-8.0	90	0.00
55		n-Propylbenzene	50.000	54.496	-9.0	87	0.00
56		2-Chlorotoluene	50.000	52.779	-5.6	80	0.00
57		4-Chlorotoluene	50.000	60.454	-20.9#	104	0.00
58		1,3,5-Trimethylbenzene	50.000	55.741	-11.5	93	0.00
59		tert-Butylbenzene	50.000	57.480	-15.0	94	0.00
60		1,2,4-Trimethylbenzene	50.000	57.978	-16.0	95	0.00
61		sec-Butylbenzene	50.000	59.040	-18.1	96	0.00
62		1,3-Dichlorobenzene	50.000	56.254	-12.5	94	0.00
63		p-Isopropyltoluene	50.000	60.302	-20.6#	98	0.00
64		1,4-Dichlorobenzene	50.000	52.695	-5.4	90	0.00
65		n-Butylbenzene	50.000	60.376	-20.8#	102	0.00
66		1,2-Dichlorobenzene	50.000	55.860	-11.7	92	0.00
67		1,2-Dibromo-3-chloropropane	50.000	45.163	9.7	71	0.00
68		1,2,4-Trichlorobenzene	50.000	64.686	-29.4#	106	0.00
69		Hexachlorobutadiene	50.000	58.813	-17.6	100	0.00
70		Naphthalene	50.000	55.650	-11.3	102	0.00
71		1,2,3-Trichlorobenzene	50.000	60.643	-21.3#	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Initial Calibration -ID: 1056

ICV ID: ICV-11072

CCV #1 ID: CCV-11301

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	80	0.00
2		Dichlorodifluoromethane	0.277	0.247	10.8	71	0.00
3	P	Chloromethane	0.362	0.290	19.9	67	0.00
4	CP	Vinyl chloride	0.321	0.361	-12.5	92	0.00
5		Bromomethane	0.185	0.245	-32.4#	120	0.00
6		Chloroethane	0.237	0.343	-44.7#	118	0.00
7		Trichlorofluoromethane	0.523	0.876	-67.5#	133	0.00
8		Acetone	0.125	0.080	36.0#	67	0.00
9	CPM	1,1-Dichloroethene	0.189	0.184	2.6	71	0.00
10		Methylene chloride	0.331	0.267	19.3	61	0.00
11		trans-1,2-Dichloroethene	0.236	0.240	-1.7	75	0.00
12		Methyl tert-Butyl ether	0.778	0.775	0.4	73	0.00
13	P	1,1-Dichloroethane	0.471	0.471	0.0	74	0.00
		2-Butanone	0.196	0.146	25.5#	66	0.00
[illegible]		cis-1,2-Dichloroethene	0.264	0.277	-4.9	78	0.00
16		Bromochloromethane	0.126	0.131	-4.0	79	0.00
17	CP	Chloroform	0.436	0.459	-5.3	79	0.00
18		2,2-Dichloropropane	0.374	0.388	-3.7	76	0.00
19	S	Dibromofluoromethane	0.218	0.230	-5.5	80	0.00
20	S	1,2-Dichloroethane-d4	0.303	0.297	2.0	75	0.00
21		1,2-Dichloroethane	0.365	0.360	1.4	75	0.00
22		1,1,1-Trichloroethane	0.386	0.410	-6.2	77	0.00
23		1,1-Dichloropropene	0.335	0.355	-6.0	77	0.00
24		Carbon tetrachloride	0.291	0.306	-5.2	76	0.00
25	M	Benzene	1.010	1.120	-10.9	77	0.00
26	M	Trichloroethene	0.262	0.281	-7.3	81	0.00
27		Dibromomethane	0.155	0.156	-0.6	76	0.00
28	CP	1,2-Dichloropropane	0.281	0.277	1.4	75	0.00
29		Bromodichloromethane	0.318	0.329	-3.5	77	0.00
30		4-Methyl-2-pentanone	0.364	0.322	11.5	70	0.00
31		cis-1,3-Dichloropropene	0.425	0.439	-3.3	75	0.00
32	S	Toluene-d8	0.809	0.894	-10.5	77	0.00
33	CPM	Toluene	0.707	0.689	2.5	73	0.00
34		trans-1,3-Dichloropropene	0.385	0.397	-3.1	75	0.00
35		1,1,2-Trichloroethane	0.196	0.197	-0.5	76	0.00
36		1,2-Dibromoethane	0.223	0.219	1.8	74	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
[illegible]		1,3-Dichloropropane	0.985	1.025	-4.1	75	0.00
		Dibromochloromethane	0.557	0.584	-4.8	75	0.00
40		Tetrachloroethene	0.601	0.671	-11.6	79	0.00

(#) = Out of Range

ABM 10-4-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.781	0.866	-10.9	77	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.582	-9.2	77	0.00
43	PM	Chlorobenzene	1.576	1.784	-13.2	79	0.00
44	CP	Ethylbenzene	2.597	3.138	-20.8#	79	0.00
45		(m+p)-Xylene	0.962	1.083	-12.6	75	0.00
46		o-Xylene	0.992	1.011	-1.9	72	0.00
47		Styrene	1.558	1.697	-8.9	72	0.00
48	P	Bromoform	0.377	0.369	2.1	69	0.00
49	S	Bromofluorobenzene	0.756	0.725	4.1	71	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
51	P	1,1,2,2-Tetrachloroethane	1.054	1.149	-9.0	70	0.00
52		Isopropylbenzene	3.211	4.179	-30.1#	76	0.00
[illegible]		1,2,3-Trichloropropane	0.950	0.961	-1.2	67	0.00
[illegible]		Bromobenzene	0.918	1.015	-10.6	73	0.00
55		n-Propylbenzene	3.655	4.873	-33.3#	77	0.00
56		2-Chlorotoluene	2.641	3.055	-15.7	73	0.00
57		4-Chlorotoluene	2.269	2.582	-13.8	70	0.00
58		1,3,5-Trimethylbenzene	2.508	3.056	-21.9#	73	0.00
59		tert-Butylbenzene	2.322	2.731	-17.6	71	0.00
60		1,2,4-Trimethylbenzene	2.340	2.773	-18.5	72	0.00
61		sec-Butylbenzene	3.265	4.103	-25.7#	72	0.00
62		1,3-Dichlorobenzene	1.482	1.625	-9.6	71	0.00
63		p-Isopropyltoluene	2.617	3.151	-20.4#	70	0.00
64		1,4-Dichlorobenzene	1.521	1.609	-5.8	70	0.00
65		n-Butylbenzene	2.288	2.754	-20.4#	72	0.00
66		1,2-Dichlorobenzene	1.443	1.536	-6.4	69	0.00
67		1,2-Dibromo-3-chloropropane	0.186	0.167	10.2	58	0.00
68		1,2,4-Trichlorobenzene	0.723	0.777	-7.5	65	0.00
69		Hexachlorobutadiene	0.542	0.566	-4.4	62	0.00
70		Naphthalene	1.488	1.582	-6.3	60	0.00
71		1,2,3-Trichlorobenzene	0.672	0.678	-0.9	61	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	80	0.00
2		Dichlorodifluoromethane	50.000	44.579	10.8	71	0.00
3	P	Chloromethane	50.000	40.126	19.7	67	0.00
4	CP	Vinyl chloride	50.000	56.214	-12.4	92	0.00
5		Bromomethane	50.000	66.037	-32.1#	120	0.00
6		Chloroethane	50.000	72.200	-44.4#	118	0.00
7		Trichlorofluoromethane	50.000	83.792	-67.6#	133	0.00
8		Acetone	100.000	74.024	26.0#	67	0.00
9	CPM	1,1-Dichloroethene	50.000	48.665	2.7	71	0.00
10		Methylene chloride	50.000	42.706	14.6	61	0.00
11		trans-1,2-Dichloroethene	50.000	50.793	-1.6	75	0.00
12		Methyl tert-Butyl ether	50.000	49.834	0.3	73	0.00
13	P	1,1-Dichloroethane	50.000	49.991	0.0	74	0.00
		2-Butanone	100.000	74.770	25.2#	66	0.00
		cis-1,2-Dichloroethene	50.000	52.480	-5.0	78	0.00
16		Bromochloromethane	50.000	52.088	-4.2	79	0.00
17	CP	Chloroform	50.000	52.721	-5.4	79	0.00
18		2,2-Dichloropropane	50.000	51.921	-3.8	76	0.00
19	S	Dibromofluoromethane	50.000	52.733	-5.5	80	0.00
20	S	1,2-Dichloroethane-d4	50.000	48.944	2.1	75	0.00
21		1,2-Dichloroethane	50.000	49.382	1.2	75	0.00
22		1,1,1-Trichloroethane	50.000	53.133	-6.3	77	0.00
23		1,1-Dichloropropene	50.000	52.929	-5.9	77	0.00
24		Carbon tetrachloride	50.000	52.548	-5.1	76	0.00
25	M	Benzene	50.000	55.453	-10.9	77	0.00
26	M	Trichloroethene	50.000	53.566	-7.1	81	0.00
27		Dibromomethane	50.000	50.187	-0.4	76	0.00
28	CP	1,2-Dichloropropane	50.000	49.322	1.4	75	0.00
29		Bromodichloromethane	50.000	51.809	-3.6	77	0.00
30		4-Methyl-2-pentanone	100.000	88.262	11.7	70	0.00
31		cis-1,3-Dichloropropene	50.000	51.701	-3.4	75	0.00
32	S	Toluene-d8	50.000	49.952	0.1	77	0.00
33	CPM	Toluene	50.000	48.734	2.5	73	0.00
34		trans-1,3-Dichloropropene	50.000	51.560	-3.1	75	0.00
35		1,1,2-Trichloroethane	50.000	50.212	-0.4	76	0.00
36		1,2-Dibromoethane	50.000	49.219	1.6	74	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
		1,3-Dichloropropane	50.000	52.050	-4.1	75	0.00
		Dibromochloromethane	50.000	47.875	4.3	75	0.00
40		Tetrachloroethene	50.000	55.789	-11.6	79	0.00

(#) = Out of Range

ABM 10-4-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	55.454	-10.9	77	0.00
42		1,1,1,2-Tetrachloroethane	50.000	54.638	-9.3	77	0.00
43	PM	Chlorobenzene	50.000	56.614	-13.2	79	0.00
44	CP	Ethylbenzene	50.000	54.523	-9.0	79	0.00
45		(m+p)-Xylene	100.000	112.634	-12.6	75	0.00
46		o-Xylene	50.000	50.967	-1.9	72	0.00
47		Styrene	50.000	54.462	-8.9	72	0.00
48	P	Bromoform	50.000	43.366	13.3	69	0.00
49	S	Bromofluorobenzene	50.000	47.975	4.0	71	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	70	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	54.465	-8.9	70	0.00
52		Isopropylbenzene	50.000	57.610	-15.2	76	0.00
		1,2,3-Trichloropropane	50.000	50.596	-1.2	67	0.00
		Bromobenzene	50.000	55.313	-10.6	73	0.00
55		n-Propylbenzene	50.000	59.582	-19.2	77	0.00
56		2-Chlorotoluene	50.000	57.834	-15.7	73	0.00
57		4-Chlorotoluene	50.000	56.899	-13.8	70	0.00
58		1,3,5-Trimethylbenzene	50.000	60.935	-21.9#	73	0.00
59		tert-Butylbenzene	50.000	58.806	-17.6	71	0.00
60		1,2,4-Trimethylbenzene	50.000	59.242	-18.5	72	0.00
61		sec-Butylbenzene	50.000	54.607	-9.2	72	0.00
62		1,3-Dichlorobenzene	50.000	54.835	-9.7	71	0.00
63		p-Isopropyltoluene	50.000	60.192	-20.4#	70	0.00
64		1,4-Dichlorobenzene	50.000	52.901	-5.8	70	0.00
65		n-Butylbenzene	50.000	52.597	-5.2	72	0.00
66		1,2-Dichlorobenzene	50.000	53.221	-6.4	69	0.00
67		1,2-Dibromo-3-chloropropane	50.000	44.776	10.4	58	0.00
68		1,2,4-Trichlorobenzene	50.000	53.690	-7.4	65	0.00
69		Hexachlorobutadiene	50.000	52.235	-4.5	62	0.00
70		Naphthalene	50.000	43.451	13.1	60	0.00
71		1,2,3-Trichlorobenzene	50.000	50.388	-0.8	61	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11324

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0635.D
Acq On : 2 Oct 2007 9:08
Sample : CCV-11324
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 07:52:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	125	0.00
2		Dichlorodifluoromethane	0.478	0.515	-7.7	123	0.00
3	P	Chloromethane	0.570	0.591	-3.7	123	0.00
4	CP	Vinyl chloride	0.494	0.549	-11.1	129	0.00
5		Bromomethane	0.336	0.286	14.9	114	0.00
6		Chloroethane	0.370	0.357	3.5	116	0.00
7		Trichlorofluoromethane	0.605	0.619	-2.3	117	0.00
8		Acetone	0.061	0.069	-13.1	149	0.00
9	CPM	1,1-Dichloroethene	0.195	0.186	4.6	113	0.00
10		Methylene chloride	0.341	0.268	21.4#	118	0.00
11		trans-1,2-Dichloroethene	0.245	0.247	-0.8	121	0.00
12		Methyl tert-Butyl ether	0.600	0.650	-8.3	128	0.00
13	P	1,1-Dichloroethane	0.483	0.509	-5.4	125	0.00
14		2-Butanone	0.095	0.098	-3.2	128	0.00
[illegible]		cis-1,2-Dichloroethene	0.270	0.279	-3.3	125	0.00
[illegible]		Bromochloromethane	0.123	0.119	3.3	122	0.00
17	CP	Chloroform	0.463	0.474	-2.4	123	0.00
18		2,2-Dichloropropane	0.362	0.428	-18.2	138	0.00
19	S	Dibromofluoromethane	0.218	0.218	0.0	122	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.292	-4.3	125	0.00
21		1,2-Dichloroethane	0.334	0.352	-5.4	127	0.00
22		1,1,1-Trichloroethane	0.397	0.432	-8.8	126	0.00
23		1,1-Dichloropropene	0.355	0.385	-8.5	125	0.00
24		Carbon tetrachloride	0.295	0.326	-10.5	130	0.00
25	M	Benzene	1.085	1.151	-6.1	121	0.00
26	M	Trichloroethene	0.281	0.286	-1.8	123	0.00
27		Dibromomethane	0.141	0.140	0.7	122	0.00
28	CP	1,2-Dichloropropane	0.283	0.293	-3.5	126	0.00
29		Bromodichloromethane	0.316	0.331	-4.7	122	0.00
30		4-Methyl-2-pentanone	0.212	0.217	-2.4	128	0.00
31		cis-1,3-Dichloropropene	0.389	0.428	-10.0	128	0.00
32	S	Toluene-d8	0.923	0.995	-7.8	122	0.00
33	CPM	Toluene	0.705	0.776	-10.1	124	0.00
34		trans-1,3-Dichloropropene	0.315	0.362	-14.9	133	0.00
35		1,1,2-Trichloroethane	0.172	0.170	1.2	120	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	126	0.00
37		1,2-Dibromoethane	0.398	0.397	0.3	122	0.00
38		1,3-Dichloropropane	0.801	0.819	-2.2	124	0.00
[illegible]		Dibromochloromethane	0.433	0.422	2.5	117	0.00
		Tetrachloroethene	0.581	0.569	2.1	120	0.00

(#) = Out of Range

David M Bodeen 10/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0635.D
Acq On : 2 Oct 2007 9:08
Sample : CCV-11324
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 07:52:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.883	-19.5	129	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.489	-4.3	128	0.00
43	PM	Chlorobenzene	1.661	1.721	-3.6	123	0.00
44	CP	Ethylbenzene	2.990	3.262	-9.1	123	0.00
45		(m+p)-Xylene	1.003	1.106	-10.3	124	0.00
46		o-Xylene	0.961	1.067	-11.0	126	0.00
47		Styrene	1.479	1.692	-14.4	123	0.00
48	P	Bromoform	0.235	0.224	4.7	115	0.00
49	S	Bromofluorobenzene	0.742	0.799	-7.7	130	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	0.921	0.2	118	0.00
52		Isopropylbenzene	4.246	4.954	-16.7	124	0.00
53		1,2,3-Trichloropropane	0.758	0.717	5.4	111	0.00
		Bromobenzene	1.072	1.097	-2.3	118	0.00
		n-Propylbenzene	4.590	5.397	-17.6	123	0.00
56		2-Chlorotoluene	3.323	3.763	-13.2	125	0.00
57		4-Chlorotoluene	2.710	3.116	-15.0	125	0.00
58		1,3,5-Trimethylbenzene	2.884	3.331	-15.5	120	0.00
59		tert-Butylbenzene	2.644	3.004	-13.6	123	0.00
60		1,2,4-Trimethylbenzene	2.592	3.022	-16.6	121	0.00
61		sec-Butylbenzene	3.754	4.492	-19.7	122	0.00
62		1,3-Dichlorobenzene	1.638	1.761	-7.5	119	0.00
63		p-Isopropyltoluene	2.778	3.333	-20.0	121	0.00
64		1,4-Dichlorobenzene	1.591	1.653	-3.9	118	0.00
65		n-Butylbenzene	2.288	2.894	-26.5#	121	0.00
66		1,2-Dichlorobenzene	1.519	1.623	-6.8	118	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.125	-6.8	115	0.00
68		1,2,4-Trichlorobenzene	0.580	0.782	-34.8#	124	0.00
69		Hexachlorobutadiene	0.456	0.523	-14.7	119	0.00
70		Naphthalene	1.021	1.488	-45.7#	130	0.00
71		1,2,3-Trichlorobenzene	0.569	0.772	-35.7#	120	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0635.D
Acq On : 2 Oct 2007 9:08
Sample : CCV-11324
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 07:52:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	125	0.00
2		Dichlorodifluoromethane	10.000	10.765	-7.7	123	0.00
3	P	Chloromethane	10.000	10.365	-3.7	123	0.00
4	CP	Vinyl chloride	10.000	11.120	-11.2	129	0.00
5		Bromomethane	10.000	8.513	14.9	114	0.00
6		Chloroethane	10.000	9.640	3.6	116	0.00
7		Trichlorofluoromethane	10.000	10.234	-2.3	117	0.00
8		Acetone	20.000	22.580	-12.9	149	0.00
9	CPM	1,1-Dichloroethene	10.000	9.576	4.2	113	0.00
10		Methylene chloride	10.000	9.657	3.4	118	0.00
11		trans-1,2-Dichloroethene	10.000	10.071	-0.7	121	0.00
12		Methyl tert-Butyl ether	10.000	10.844	-8.4	128	0.00
13	P	1,1-Dichloroethane	10.000	10.544	-5.4	125	0.00
14		2-Butanone	20.000	20.594	-3.0	128	0.00
[illegible]		cis-1,2-Dichloroethene	10.000	10.325	-3.2	125	0.00
[illegible]		Bromochloromethane	10.000	9.600	4.0	122	0.00
17	CP	Chloroform	10.000	10.247	-2.5	123	0.00
18		2,2-Dichloropropane	10.000	10.652	-6.5	138	0.00
19	S	Dibromofluoromethane	10.000	10.013	-0.1	122	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.436	-4.4	125	0.00
21		1,2-Dichloroethane	10.000	10.553	-5.5	127	0.00
22		1,1,1-Trichloroethane	10.000	10.876	-8.8	126	0.00
23		1,1-Dichloropropene	10.000	10.850	-8.5	125	0.00
24		Carbon tetrachloride	10.000	9.965	0.4	130	0.00
25	M	Benzene	10.000	10.609	-6.1	121	0.00
26	M	Trichloroethene	10.000	10.184	-1.8	123	0.00
27		Dibromomethane	10.000	9.931	0.7	122	0.00
28	CP	1,2-Dichloropropane	10.000	10.353	-3.5	126	0.00
29		Bromodichloromethane	10.000	10.465	-4.6	122	0.00
30		4-Methyl-2-pentanone	20.000	20.503	-2.5	128	0.00
31		cis-1,3-Dichloropropene	10.000	11.011	-10.1	128	0.00
32	S	Toluene-d8	10.000	10.780	-7.8	122	0.00
33	CPM	Toluene	10.000	11.001	-10.0	124	0.00
34		trans-1,3-Dichloropropene	10.000	9.974	0.3	133	0.00
35		1,1,2-Trichloroethane	10.000	9.863	1.4	120	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	126	0.00
37		1,2-Dibromoethane	10.000	9.983	0.2	122	0.00
38		1,3-Dichloropropane	10.000	10.234	-2.3	124	0.00
[illegible]		Dibromochloromethane	10.000	9.735	2.7	117	0.00
		Tetrachloroethene	10.000	9.783	2.2	120	0.00

(#) = Out of Range

10/5/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0635.D Vial: 16
Acq On : 2 Oct 2007 9:08 Operator: DMB
Sample : CCV-11324 Inst : #1MS11
Misc : CCV ,8260SMAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 07:52:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.558	-5.6	129	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.409	-4.1	128	0.00
43	PM	Chlorobenzene	10.000	10.364	-3.6	123	0.00
44	CP	Ethylbenzene	10.000	10.911	-9.1	123	0.00
45		(m+p)-Xylene	20.000	22.061	-10.3	124	0.00
46		o-Xylene	10.000	11.098	-11.0	126	0.00
47		Styrene	10.000	9.925	0.7	123	0.00
48	P	Bromoform	10.000	8.478	15.2	115	0.00
49	S	Bromofluorobenzene	10.000	10.771	-7.7	130	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	118	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	9.975	0.3	118	0.00
52		Isopropylbenzene	10.000	11.666	-16.7	124	0.00
53		1,2,3-Trichloropropane	10.000	9.455	5.4	111	0.00
		Bromobenzene	10.000	10.227	-2.3	118	0.00
		n-Propylbenzene	10.000	11.758	-17.6	123	0.00
56		2-Chlorotoluene	10.000	11.324	-13.2	125	0.00
57		4-Chlorotoluene	10.000	11.497	-15.0	125	0.00
58		1,3,5-Trimethylbenzene	10.000	11.551	-15.5	120	0.00
59		tert-Butylbenzene	10.000	11.361	-13.6	123	0.00
60		1,2,4-Trimethylbenzene	10.000	11.657	-16.6	121	0.00
61		sec-Butylbenzene	10.000	11.966	-19.7	122	0.00
62		1,3-Dichlorobenzene	10.000	10.754	-7.5	119	0.00
63		p-Isopropyltoluene	10.000	11.997	-20.0	121	0.00
64		1,4-Dichlorobenzene	10.000	10.389	-3.9	118	0.00
65		n-Butylbenzene	10.000	11.426	-14.3	121	0.00
66		1,2-Dichlorobenzene	10.000	10.683	-6.8	118	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.301	7.0	115	0.00
68		1,2,4-Trichlorobenzene	10.000	9.818	1.8	124	0.00
69		Hexachlorobutadiene	10.000	9.953	0.5	119	0.00
70		Naphthalene	10.000	10.405	-4.0	130	0.00
71		1,2,3-Trichlorobenzene	10.000	9.825	1.8	120	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Initial Calibration -ID: 1038

ICV ID: ICV-10821

CCV #1 ID: CCV-11327

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2652.D
Acq On : 2 Oct 2007 11:43
Sample : CCV-11327
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	102	0.00
2		Dichlorodifluoromethane	0.598	0.453	24.2#	75	0.00
3	P	Chloromethane	0.228	0.161	29.4#	85	0.00
4	CP	Vinyl chloride	0.161	0.160	0.6	94	0.00
5		Bromomethane	0.236	0.179	24.2#	111	0.00
6		Chloroethane	0.116	0.104	10.3	97	0.00
7		Trichlorofluoromethane	0.756	0.793	-4.9	105	0.00
8		Acetone	0.091	0.077	15.4	90	0.00
9	CPM	1,1-Dichloroethene	0.215	0.222	-3.3	100	0.00
10		Methylene chloride	0.744	0.327	56.0#	80	0.00
11		trans-1,2-Dichloroethene	0.297	0.321	-8.1	104	0.00
12		Methyl tert-Butyl ether	0.590	0.597	-1.2	96	-0.04
13	P	1,1-Dichloroethane	0.585	0.597	-2.1	100	0.00
14		2-Butanone	0.159	0.144	9.4	90	0.00
		cis-1,2-Dichloroethene	0.353	0.386	-9.3	105	0.00
16		Bromochloromethane	0.258	0.288	-11.6	106	0.00
17	CP	Chloroform	0.810	0.836	-3.2	100	0.00
18		2,2-Dichloropropane	0.495	0.530	-7.1	103	0.00
19	S	Dibromofluoromethane	0.775	0.830	-7.1	103	0.00
20	S	1,2-Dichloroethane-d4	0.426	0.399	6.3	89	0.00
21		1,2-Dichloroethane	0.515	0.484	6.0	92	0.00
22		1,1,1-Trichloroethane	0.642	0.674	-5.0	102	0.00
23		1,1-Dichloropropene	0.448	0.476	-6.2	105	0.00
24		Carbon tetrachloride	0.630	0.656	-4.1	101	0.00
25	M	Benzene	0.784	0.821	-4.7	102	0.00
26	M	Trichloroethene	0.462	0.483	-4.5	100	0.00
27		Dibromomethane	0.525	0.528	-0.6	92	0.00
28	CP	1,2-Dichloropropane	0.339	0.347	-2.4	99	0.02
29		Bromodichloromethane	0.881	0.948	-7.6	97	0.00
30		4-Methyl-2-pentanone	0.386	0.357	7.5	85	0.00
31		cis-1,3-Dichloropropene	0.551	0.570	-3.4	98	0.00
32	S	Toluene-d8	0.812	0.873	-7.5	102	0.00
33	CPM	Toluene	0.533	0.589	-10.5	107	0.00
34		trans-1,3-Dichloropropene	0.476	0.479	-0.6	95	0.00
35		1,1,2-Trichloroethane	0.347	0.357	-2.9	97	0.00
36		1,2-Dibromoethane	0.711	0.751	-5.6	96	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
38		1,3-Dichloropropane	1.064	1.212	-13.9	97	0.00
39		Dibromochloromethane	1.594	1.809	-13.5	96	0.00
		Tetrachloroethene	0.926	1.174	-26.8#	114	0.00

(#) = Out of Range

10/4/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2652.D
Acq On : 2 Oct 2007 11:43
Sample : CCV-11327
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.569	0.771	-35.5#	119	0.00
42		1,1,1,2-Tetrachloroethane	0.805	0.990	-23.0#	105	0.00
43	PM	Chlorobenzene	1.329	1.605	-20.8#	107	0.00
44	CP	Ethylbenzene	1.710	2.037	-19.1	104	0.00
45		(m+p)-Xylene	0.658	0.816	-24.0#	112	0.00
46		o-Xylene	0.687	0.856	-24.6#	109	0.00
47		Styrene	1.154	1.481	-28.3#	115	0.00
48	P	Bromoform	1.175	1.361	-15.8	98	0.00
49	S	Bromofluorobenzene	1.369	1.560	-14.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	-0.04
51	P	1,1,2,2-Tetrachloroethane	1.642	1.589	3.2	97	0.00
52		Isopropylbenzene	2.254	2.467	-9.4	114	0.00
53		1,2,3-Trichloropropane	1.172	0.997	14.9	93	0.00
		Bromobenzene	1.003	1.044	-4.1	111	0.00
55		n-Propylbenzene	2.750	2.833	-3.0	105	0.00
56		2-Chlorotoluene	2.275	2.297	-1.0	98	-0.07
57		4-Chlorotoluene	1.986	2.297	-15.7	127	-0.07
58		1,3,5-Trimethylbenzene	1.689	1.810	-7.2	114	0.00
59		tert-Butylbenzene	1.812	2.017	-11.3	116	0.00
60		1,2,4-Trimethylbenzene	1.485	1.684	-13.4	119	0.00
61		sec-Butylbenzene	2.481	2.743	-10.6	115	0.02
62		1,3-Dichlorobenzene	1.540	1.683	-9.3	117	-0.04
63		p-Isopropyltoluene	1.744	2.109	-20.9#	125	-0.03
64		1,4-Dichlorobenzene	1.530	1.600	-4.6	114	-0.05
65		n-Butylbenzene	1.453	1.674	-15.2	124	-0.05
66		1,2-Dichlorobenzene	1.514	1.597	-5.5	111	0.00
67		1,2-Dibromo-3-chloropropane	0.533	0.435	18.4	81	0.04
68		1,2,4-Trichlorobenzene	0.822	1.035	-25.9#	132	0.03
69		Hexachlorobutadiene	0.821	0.898	-9.4	118	0.02
70		Naphthalene	1.100	1.352	-22.9#	127	0.03
71		1,2,3-Trichlorobenzene	0.886	1.045	-17.9	122	0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2652.D
Acq On : 2 Oct 2007 11:43
Sample : CCV-11327
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	102	0.00
2		Dichlorodifluoromethane	50.000	37.849	24.3#	75	0.00
3	P	Chloromethane	50.000	42.411	15.2	85	0.00
4	CP	Vinyl chloride	50.000	49.580	0.8	94	0.00
5		Bromomethane	50.000	40.999	18.0	111	0.00
6		Chloroethane	50.000	44.719	10.6	97	0.00
7		Trichlorofluoromethane	50.000	52.426	-4.9	105	0.00
8		Acetone	100.000	84.117	15.9	90	0.00
9	CPM	1,1-Dichloroethene	50.000	51.630	-3.3	100	0.00
10		Methylene chloride	50.000	40.857	18.3	80	0.00
11		trans-1,2-Dichloroethene	50.000	54.132	-8.3	104	0.00
12		Methyl tert-Butyl ether	50.000	50.590	-1.2	96	-0.04
13	P	1,1-Dichloroethane	50.000	51.012	-2.0	100	0.00
14		2-Butanone	100.000	91.032	9.0	90	0.00
		cis-1,2-Dichloroethene	50.000	54.800	-9.6	105	0.00
16		Bromochloromethane	50.000	55.905	-11.8	106	0.00
17	CP	Chloroform	50.000	51.573	-3.1	100	0.00
18		2,2-Dichloropropane	50.000	53.523	-7.0	103	0.00
19	S	Dibromofluoromethane	50.000	53.533	-7.1	103	0.00
20	S	1,2-Dichloroethane-d4	50.000	46.921	6.2	89	0.00
21		1,2-Dichloroethane	50.000	47.031	5.9	92	0.00
22		1,1,1-Trichloroethane	50.000	52.525	-5.0	102	0.00
23		1,1-Dichloropropene	50.000	53.124	-6.2	105	0.00
24		Carbon tetrachloride	50.000	52.089	-4.2	101	0.00
25	M	Benzene	50.000	52.370	-4.7	102	0.00
26	M	Trichloroethene	50.000	52.270	-4.5	100	0.00
27		Dibromomethane	50.000	50.253	-0.5	92	0.00
28	CP	1,2-Dichloropropane	50.000	51.266	-2.5	99	0.02
29		Bromodichloromethane	50.000	53.764	-7.5	97	0.00
30		4-Methyl-2-pentanone	100.000	92.408	7.6	85	0.00
31		cis-1,3-Dichloropropene	50.000	51.769	-3.5	98	0.00
32	S	Toluene-d8	50.000	53.805	-7.6	102	0.00
33	CPM	Toluene	50.000	55.243	-10.5	107	0.00
34		trans-1,3-Dichloropropene	50.000	47.270	5.5	95	0.00
35		1,1,2-Trichloroethane	50.000	51.527	-3.1	97	0.00
36		1,2-Dibromoethane	50.000	52.872	-5.7	96	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
38		1,3-Dichloropropane	50.000	56.913	-13.8	97	0.00
39		Dibromochloromethane	50.000	56.721	-13.4	96	0.00
		Tetrachloroethene	50.000	63.338	-26.7#	114	0.00

(#) = Out of Range

10/4/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2652.D
Acq On : 2 Oct 2007 11:43
Sample : CCV-11327
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M821AF3S.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 03 08:10:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	67.736	-35.5#	119	0.00
42		1,1,1,2-Tetrachloroethane	50.000	61.471	-22.9#	105	0.00
43	PM	Chlorobenzene	50.000	60.381	-20.8#	107	0.00
44	CP	Ethylbenzene	50.000	59.558	-19.1	104	0.00
45		(m+p)-Xylene	100.000	124.043	-24.0#	112	0.00
46		o-Xylene	50.000	62.324	-24.6#	109	0.00
47		Styrene	50.000	64.138	-28.3#	115	0.00
48	P	Bromoform	50.000	54.247	-8.5	98	0.00
49	S	Bromofluorobenzene	50.000	57.007	-14.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	-0.04
51	P	1,1,2,2-Tetrachloroethane	50.000	48.390	3.2	97	0.00
52		Isopropylbenzene	50.000	54.711	-9.4	114	0.00
53		1,2,3-Trichloropropane	50.000	42.528	14.9	93	0.00
		Bromobenzene	50.000	52.033	-4.1	111	0.00
55		n-Propylbenzene	50.000	51.501	-3.0	105	0.00
56		2-Chlorotoluene	50.000	50.482	-1.0	98	-0.07
57		4-Chlorotoluene	50.000	57.823	-15.6	127	-0.07
58		1,3,5-Trimethylbenzene	50.000	53.573	-7.1	114	0.00
59		tert-Butylbenzene	50.000	55.664	-11.3	116	0.00
60		1,2,4-Trimethylbenzene	50.000	56.679	-13.4	119	0.00
61		sec-Butylbenzene	50.000	55.287	-10.6	115	0.02
62		1,3-Dichlorobenzene	50.000	54.672	-9.3	117	-0.04
63		p-Isopropyltoluene	50.000	60.481	-21.0#	125	-0.03
64		1,4-Dichlorobenzene	50.000	52.317	-4.6	114	-0.05
65		n-Butylbenzene	50.000	57.609	-15.2	124	-0.05
66		1,2-Dichlorobenzene	50.000	52.730	-5.5	111	0.00
67		1,2-Dibromo-3-chloropropane	50.000	40.758	18.5	81	0.04
68		1,2,4-Trichlorobenzene	50.000	63.006	-26.0#	132	0.03
69		Hexachlorobutadiene	50.000	54.707	-9.4	118	0.02
70		Naphthalene	50.000	54.188	-8.4	127	0.03
71		1,2,3-Trichlorobenzene	50.000	58.948	-17.9	122	0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11365

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	112	0.00
2		Dichlorodifluoromethane	0.478	0.515	-7.7	109	0.00
3	P	Chloromethane	0.570	0.607	-6.5	112	0.02
4	CP	Vinyl chloride	0.494	0.558	-13.0	116	0.00
5		Bromomethane	0.336	0.269	19.9	95	0.00
6		Chloroethane	0.370	0.365	1.4	106	0.01
7		Trichlorofluoromethane	0.605	0.639	-5.6	107	0.01
8		Acetone	0.061	0.064	-4.9	123	0.00
9	CPM	1,1-Dichloroethene	0.195	0.185	5.1	100	0.00
10		Methylene chloride	0.341	0.258	24.3#	101	0.00
11		trans-1,2-Dichloroethene	0.245	0.242	1.2	105	0.00
12		Methyl tert-Butyl ether	0.600	0.656	-9.3	115	0.00
13	P	1,1-Dichloroethane	0.483	0.512	-6.0	112	0.00
14		2-Butanone	0.095	0.106	-11.6	122	0.00
		cis-1,2-Dichloroethene	0.270	0.275	-1.9	109	0.00
16		Bromochloromethane	0.123	0.119	3.3	109	0.00
17	CP	Chloroform	0.463	0.479	-3.5	110	0.00
18		2,2-Dichloropropane	0.362	0.436	-20.4#	125	0.00
19	S	Dibromofluoromethane	0.218	0.219	-0.5	109	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.296	-5.7	113	0.00
21		1,2-Dichloroethane	0.334	0.358	-7.2	115	0.00
22		1,1,1-Trichloroethane	0.397	0.431	-8.6	112	0.00
23		1,1-Dichloropropene	0.355	0.377	-6.2	109	0.00
24		Carbon tetrachloride	0.295	0.337	-14.2	119	0.00
25	M	Benzene	1.085	1.146	-5.6	107	0.00
26	M	Trichloroethene	0.281	0.287	-2.1	109	0.00
27		Dibromomethane	0.141	0.142	-0.7	111	0.00
28	CP	1,2-Dichloropropane	0.283	0.294	-3.9	113	0.00
29		Bromodichloromethane	0.316	0.341	-7.9	112	0.00
30		4-Methyl-2-pentanone	0.212	0.234	-10.4	122	0.00
31		cis-1,3-Dichloropropene	0.389	0.438	-12.6	116	0.00
32	S	Toluene-d8	0.923	0.999	-8.2	109	0.00
33	CPM	Toluene	0.705	0.775	-9.9	111	0.00
34		trans-1,3-Dichloropropene	0.315	0.368	-16.8	120	0.00
35		1,1,2-Trichloroethane	0.172	0.174	-1.2	109	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
37		1,2-Dibromoethane	0.398	0.390	2.0	108	0.00
38		1,3-Dichloropropane	0.801	0.817	-2.0	111	0.00
39		Dibromochloromethane	0.433	0.438	-1.2	110	0.00
J		Tetrachloroethene	0.581	0.555	4.5	106	0.00

(#) = Out of Range
T0658.D T925AF31.M Sat Oct 06 08:21:09 2007 MS1 Pa

10/4/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.817	-10.6	108	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.496	-5.8	118	0.00
43	PM	Chlorobenzene	1.661	1.686	-1.5	108	0.00
44	CP	Ethylbenzene	2.990	3.271	-9.4	112	0.00
45		(m+p)-Xylene	1.003	1.041	-3.8	106	0.00
46		o-Xylene	0.961	1.000	-4.1	106	0.00
47		Styrene	1.479	1.574	-6.4	103	0.00
48	P	Bromoform	0.235	0.239	-1.7	111	0.00
49	S	Bromofluorobenzene	0.742	0.772	-4.0	113	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	1.029	-11.5	110	0.00
52		Isopropylbenzene	4.246	5.103	-20.2#	107	0.00
53		1,2,3-Trichloropropane	0.758	0.812	-7.1	105	0.00
		Bromobenzene	1.072	1.158	-8.0	104	0.00
55		n-Propylbenzene	4.590	5.454	-18.8	104	0.00
56		2-Chlorotoluene	3.323	3.830	-15.3	106	0.00
57		4-Chlorotoluene	2.710	3.134	-15.6	105	0.00
58		1,3,5-Trimethylbenzene	2.884	3.387	-17.4	102	0.00
59		tert-Butylbenzene	2.644	3.016	-14.1	103	0.00
60		1,2,4-Trimethylbenzene	2.592	3.099	-19.6	103	0.00
61		sec-Butylbenzene	3.754	4.508	-20.1#	102	0.00
62		1,3-Dichlorobenzene	1.638	1.759	-7.4	100	0.00
63		p-Isopropyltoluene	2.778	3.331	-19.9	101	0.00
64		1,4-Dichlorobenzene	1.591	1.637	-2.9	97	0.00
65		n-Butylbenzene	2.288	2.961	-29.4#	103	0.00
66		1,2-Dichlorobenzene	1.519	1.654	-8.9	100	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.145	-23.9#	111	0.00
68		1,2,4-Trichlorobenzene	0.580	0.790	-36.2#	104	0.00
69		Hexachlorobutadiene	0.456	0.524	-14.9	100	0.00
70		Naphthalene	1.021	1.475	-44.5#	107	0.00
71		1,2,3-Trichlorobenzene	0.569	0.776	-36.4#	101	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	112	0.00
2		Dichlorodifluoromethane	10.000	10.774	-7.7	109	0.00
3	P	Chloromethane	10.000	10.642	-6.4	112	0.02
4	CP	Vinyl chloride	10.000	11.301	-13.0	116	0.00
5		Bromomethane	10.000	7.993	20.1#	95	0.00
6		Chloroethane	10.000	9.858	1.4	106	0.01
7		Trichlorofluoromethane	10.000	10.565	-5.6	107	0.01
8		Acetone	20.000	20.879	-4.4	123	0.00
9	CPM	1,1-Dichloroethene	10.000	9.493	5.1	100	0.00
10		Methylene chloride	10.000	9.269	7.3	101	0.00
11		trans-1,2-Dichloroethene	10.000	9.900	1.0	105	0.00
12		Methyl tert-Butyl ether	10.000	10.941	-9.4	115	0.00
13	P	1,1-Dichloroethane	10.000	10.600	-6.0	112	0.00
14		2-Butanone	20.000	22.193	-11.0	122	0.00
		cis-1,2-Dichloroethene	10.000	10.182	-1.8	109	0.00
16		Bromochloromethane	10.000	9.637	3.6	109	0.00
17	CP	Chloroform	10.000	10.363	-3.6	110	0.00
18		2,2-Dichloropropane	10.000	10.856	-8.6	125	0.00
19	S	Dibromofluoromethane	10.000	10.066	-0.7	109	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.564	-5.6	113	0.00
21		1,2-Dichloroethane	10.000	10.722	-7.2	115	0.00
22		1,1,1-Trichloroethane	10.000	10.856	-8.6	112	0.00
23		1,1-Dichloropropene	10.000	10.640	-6.4	109	0.00
24		Carbon tetrachloride	10.000	10.279	-2.8	119	0.00
25	M	Benzene	10.000	10.567	-5.7	107	0.00
26	M	Trichloroethene	10.000	10.213	-2.1	109	0.00
27		Dibromomethane	10.000	10.106	-1.1	111	0.00
28	CP	1,2-Dichloropropane	10.000	10.392	-3.9	113	0.00
29		Bromodichloromethane	10.000	10.794	-7.9	112	0.00
30		4-Methyl-2-pentanone	20.000	22.070	-10.4	122	0.00
31		cis-1,3-Dichloropropene	10.000	11.249	-12.5	116	0.00
32	S	Toluene-d8	10.000	10.831	-8.3	109	0.00
33	CPM	Toluene	10.000	10.987	-9.9	111	0.00
34		trans-1,3-Dichloropropene	10.000	10.144	-1.4	120	0.00
35		1,1,2-Trichloroethane	10.000	10.074	-0.7	109	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	114	0.00
37		1,2-Dibromoethane	10.000	9.798	2.0	108	0.00
38		1,3-Dichloropropane	10.000	10.207	-2.1	111	0.00
39		Dibromochloromethane	10.000	10.110	-1.1	110	0.00
40		Tetrachloroethene	10.000	9.544	4.6	106	0.00

(#) = Out of Range

10/4/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.790	2.1	108	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.573	-5.7	118	0.00
43	PM	Chlorobenzene	10.000	10.153	-1.5	108	0.00
44	CP	Ethylbenzene	10.000	10.940	-9.4	112	0.00
45		(m+p)-Xylene	20.000	20.766	-3.8	106	0.00
46		o-Xylene	10.000	10.402	-4.0	106	0.00
47		Styrene	10.000	9.249	7.5	103	0.00
48	P	Bromoform	10.000	8.998	10.0	111	0.00
49	S	Bromofluorobenzene	10.000	10.410	-4.1	113	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	98	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.153	-11.5	110	0.00
52		Isopropylbenzene	10.000	12.018	-20.2#	107	0.00
53		1,2,3-Trichloropropane	10.000	10.716	-7.2	105	0.00
[illegible]		Bromobenzene	10.000	10.798	-8.0	104	0.00
[illegible]		n-Propylbenzene	10.000	11.882	-18.8	104	0.00
56		2-Chlorotoluene	10.000	11.526	-15.3	106	0.00
57		4-Chlorotoluene	10.000	11.563	-15.6	105	0.00
58		1,3,5-Trimethylbenzene	10.000	11.745	-17.4	102	0.00
59		tert-Butylbenzene	10.000	11.404	-14.0	103	0.00
60		1,2,4-Trimethylbenzene	10.000	11.955	-19.6	103	0.00
61		sec-Butylbenzene	10.000	12.009	-20.1#	102	0.00
62		1,3-Dichlorobenzene	10.000	10.742	-7.4	100	0.00
63		p-Isopropyltoluene	10.000	11.990	-19.9	101	0.00
64		1,4-Dichlorobenzene	10.000	10.290	-2.9	97	0.00
65		n-Butylbenzene	10.000	11.704	-17.0	103	0.00
66		1,2-Dichlorobenzene	10.000	10.889	-8.9	100	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.636	-6.4	111	0.00
68		1,2,4-Trichlorobenzene	10.000	9.914	0.9	104	0.00
69		Hexachlorobutadiene	10.000	9.968	0.3	100	0.00
70		Naphthalene	10.000	10.316	-3.2	107	0.00
71		1,2,3-Trichlorobenzene	10.000	9.874	1.3	101	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11383

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	105	0.00
2		Dichlorodifluoromethane	0.478	0.538	-12.6	107	0.00
3	P	Chloromethane	0.570	0.645	-13.2	112	-0.02
4	CP	Vinyl chloride	0.494	0.571	-15.6	112	0.00
5		Bromomethane	0.336	0.303	9.8	101	0.00
6		Chloroethane	0.370	0.396	-7.0	108	-0.01
7		Trichlorofluoromethane	0.605	0.678	-12.1	107	-0.01
8		Acetone	0.061	0.065	-6.6	117	0.00
9	CPM	1,1-Dichloroethene	0.195	0.184	5.6	93	0.00
10		Methylene chloride	0.341	0.265	22.3#	97	0.00
11		trans-1,2-Dichloroethene	0.245	0.243	0.8	99	0.00
12		Methyl tert-Butyl ether	0.600	0.645	-7.5	106	0.00
13	P	1,1-Dichloroethane	0.483	0.523	-8.3	108	0.00
14		2-Butanone	0.095	0.104	-9.5	113	0.00
		cis-1,2-Dichloroethene	0.270	0.272	-0.7	101	0.00
16		Bromochloromethane	0.123	0.119	3.3	102	0.00
17	CP	Chloroform	0.463	0.498	-7.6	108	0.00
18		2,2-Dichloropropane	0.362	0.424	-17.1	115	0.00
19	S	Dibromofluoromethane	0.218	0.221	-1.4	103	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.308	-10.0	110	0.00
21		1,2-Dichloroethane	0.334	0.371	-11.1	112	0.00
22		1,1,1-Trichloroethane	0.397	0.442	-11.3	108	0.00
23		1,1-Dichloropropene	0.355	0.387	-9.0	105	0.00
24		Carbon tetrachloride	0.295	0.332	-12.5	111	0.00
25	M	Benzene	1.085	1.181	-8.8	103	0.00
26	M	Trichloroethene	0.281	0.295	-5.0	105	0.00
27		Dibromomethane	0.141	0.147	-4.3	108	0.00
28	CP	1,2-Dichloropropane	0.283	0.303	-7.1	109	0.00
29		Bromodichloromethane	0.316	0.348	-10.1	108	0.00
30		4-Methyl-2-pentanone	0.212	0.231	-9.0	113	0.00
31		cis-1,3-Dichloropropene	0.389	0.436	-12.1	109	0.00
32	S	Toluene-d8	0.923	1.016	-10.1	104	0.00
33	CPM	Toluene	0.705	0.775	-9.9	104	0.00
34		trans-1,3-Dichloropropene	0.315	0.376	-19.4	115	0.00
35		1,1,2-Trichloroethane	0.172	0.179	-4.1	105	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
37		1,2-Dibromoethane	0.398	0.384	3.5	103	0.00
38		1,3-Dichloropropane	0.801	0.817	-2.0	107	0.00
39		Dibromochloromethane	0.433	0.431	0.5	104	0.00
		Tetrachloroethene	0.581	0.540	7.1	99	0.00

(#) = Out of Range

10/18/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.833	-12.7	106	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.483	-3.0	110	0.00
43	PM	Chlorobenzene	1.661	1.655	0.4	102	0.00
44	CP	Ethylbenzene	2.990	3.198	-7.0	105	0.00
45		(m+p)-Xylene	1.003	1.001	0.2	97	0.00
46		o-Xylene	0.961	0.967	-0.6	99	0.00
47		Styrene	1.479	1.543	-4.3	97	0.00
48	P	Bromoform	0.235	0.229	2.6	102	0.00
49	S	Bromofluorobenzene	0.742	0.742	0.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	1.046	-13.3	105	0.00
52		Isopropylbenzene	4.246	5.127	-20.7#	101	0.00
53		1,2,3-Trichloropropane	0.758	0.817	-7.8	100	0.00
		Bromobenzene	1.072	1.144	-6.7	97	0.00
55		n-Propylbenzene	4.590	5.632	-22.7#	101	0.00
56		2-Chlorotoluene	3.323	3.902	-17.4	101	0.00
57		4-Chlorotoluene	2.710	3.171	-17.0	100	0.00
58		1,3,5-Trimethylbenzene	2.884	3.433	-19.0	97	0.00
59		tert-Butylbenzene	2.644	3.034	-14.8	98	0.00
60		1,2,4-Trimethylbenzene	2.592	3.129	-20.7#	98	0.00
61		sec-Butylbenzene	3.754	4.662	-24.2#	99	0.00
62		1,3-Dichlorobenzene	1.638	1.788	-9.2	95	0.00
63		p-Isopropyltoluene	2.778	3.389	-22.0#	97	0.00
64		1,4-Dichlorobenzene	1.591	1.669	-4.9	93	0.00
65		n-Butylbenzene	2.288	3.005	-31.3#	98	0.00
66		1,2-Dichlorobenzene	1.519	1.651	-8.7	94	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.141	-20.5#	101	0.00
68		1,2,4-Trichlorobenzene	0.580	0.777	-34.0#	97	0.00
69		Hexachlorobutadiene	0.456	0.515	-12.9	92	0.00
70		Naphthalene	1.021	1.434	-40.5#	98	0.00
71		1,2,3-Trichlorobenzene	0.569	0.780	-37.1#	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	105	0.00
2		Dichlorodifluoromethane	10.000	11.247	-12.5	107	0.00
3	P	Chloromethane	10.000	11.310	-13.1	112	-0.02
4	CP	Vinyl chloride	10.000	11.564	-15.6	112	0.00
5		Bromomethane	10.000	9.020	9.8	101	0.00
6		Chloroethane	10.000	10.694	-6.9	108	-0.01
7		Trichlorofluoromethane	10.000	11.195	-12.0	107	-0.01
8		Acetone	20.000	21.126	-5.6	117	0.00
9	CPM	1,1-Dichloroethene	10.000	9.446	5.5	93	0.00
10		Methylene chloride	10.000	9.514	4.9	97	0.00
11		trans-1,2-Dichloroethene	10.000	9.927	0.7	99	0.00
12		Methyl tert-Butyl ether	10.000	10.764	-7.6	106	0.00
13	P	1,1-Dichloroethane	10.000	10.833	-8.3	108	0.00
14		2-Butanone	20.000	21.912	-9.6	113	0.00
		cis-1,2-Dichloroethene	10.000	10.054	-0.5	101	0.00
16		Bromochloromethane	10.000	9.642	3.6	102	0.00
17	CP	Chloroform	10.000	10.755	-7.6	108	0.00
18		2,2-Dichloropropane	10.000	10.576	-5.8	115	0.00
19	S	Dibromofluoromethane	10.000	10.125	-1.3	103	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.991	-9.9	110	0.00
21		1,2-Dichloroethane	10.000	11.107	-11.1	112	0.00
22		1,1,1-Trichloroethane	10.000	11.131	-11.3	108	0.00
23		1,1-Dichloropropene	10.000	10.926	-9.3	105	0.00
24		Carbon tetrachloride	10.000	10.148	-1.5	111	0.00
25	M	Benzene	10.000	10.891	-8.9	103	0.00
26	M	Trichloroethene	10.000	10.477	-4.8	105	0.00
27		Dibromomethane	10.000	10.442	-4.4	108	0.00
28	CP	1,2-Dichloropropane	10.000	10.701	-7.0	109	0.00
29		Bromodichloromethane	10.000	11.030	-10.3	108	0.00
30		4-Methyl-2-pentanone	20.000	21.752	-8.8	113	0.00
31		cis-1,3-Dichloropropene	10.000	11.193	-11.9	109	0.00
32	S	Toluene-d8	10.000	11.008	-10.1	104	0.00
33	CPM	Toluene	10.000	10.984	-9.8	104	0.00
34		trans-1,3-Dichloropropene	10.000	10.352	-3.5	115	0.00
35		1,1,2-Trichloroethane	10.000	10.399	-4.0	105	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	109	0.00
37		1,2-Dibromoethane	10.000	9.668	3.3	103	0.00
38		1,3-Dichloropropane	10.000	10.204	-2.0	107	0.00
39		Dibromochloromethane	10.000	9.963	0.4	104	0.00
40		Tetrachloroethene	10.000	9.289	7.1	99	0.00

(#) = Out of Range

10/8/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.971	0.3	106	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.286	-2.9	110	0.00
43	PM	Chlorobenzene	10.000	9.966	0.3	102	0.00
44	CP	Ethylbenzene	10.000	10.697	-7.0	105	0.00
45		(m+p)-Xylene	20.000	19.953	0.2	97	0.00
46		o-Xylene	10.000	10.063	-0.6	99	0.00
47		Styrene	10.000	9.070	9.3	97	0.00
48	P	Bromoform	10.000	8.633	13.7	102	0.00
49	S	Bromofluorobenzene	10.000	10.000	0.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.337	-13.4	105	0.00
52		Isopropylbenzene	10.000	12.074	-20.7#	101	0.00
53		1,2,3-Trichloropropane	10.000	10.783	-7.8	100	0.00
		Bromobenzene	10.000	10.664	-6.6	97	0.00
[illegible]		n-Propylbenzene	10.000	12.270	-22.7#	101	0.00
56		2-Chlorotoluene	10.000	11.744	-17.4	101	0.00
57		4-Chlorotoluene	10.000	11.701	-17.0	100	0.00
58		1,3,5-Trimethylbenzene	10.000	11.905	-19.0	97	0.00
59		tert-Butylbenzene	10.000	11.475	-14.7	98	0.00
60		1,2,4-Trimethylbenzene	10.000	12.071	-20.7#	98	0.00
61		sec-Butylbenzene	10.000	12.419	-24.2#	99	0.00
62		1,3-Dichlorobenzene	10.000	10.916	-9.2	95	0.00
63		p-Isopropyltoluene	10.000	12.200	-22.0#	97	0.00
64		1,4-Dichlorobenzene	10.000	10.492	-4.9	93	0.00
65		n-Butylbenzene	10.000	11.883	-18.8	98	0.00
66		1,2-Dichlorobenzene	10.000	10.865	-8.7	94	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.370	-3.7	101	0.00
68		1,2,4-Trichlorobenzene	10.000	9.769	2.3	97	0.00
69		Hexachlorobutadiene	10.000	9.803	2.0	92	0.00
70		Naphthalene	10.000	10.041	-0.4	98	0.00
71		1,2,3-Trichlorobenzene	10.000	9.919	0.8	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Initial Calibration -ID: 1078

ICV ID: ICV-11406

CCV #1 ID: CCV-11407

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D Vial: 12
Acq On : 9 Oct 2007 18:26 Operator: MSV
Sample : CCV-11407 Inst : #2MS12
Misc : CCV ,8260SMAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	98	0.00
2		Dichlorodifluoromethane	0.838	0.967	-15.4	102	0.00
3	P	Chloromethane	0.306	0.368	-20.3#	122	-0.09
4	CP	Vinyl chloride	0.244	0.273	-11.9	95	0.00
5		Bromomethane	0.248	0.296	-19.4	111	-0.02
6		Chloroethane	0.159	0.193	-21.4#	110	-0.02
7		Trichlorofluoromethane	0.794	0.949	-19.5	105	0.00
8		Acetone	0.036	0.036#	0.0	95	0.01
9	CPM	1,1-Dichloroethene	0.256	0.293	-14.5	104	-0.02
10		Methylene chloride	0.322	0.325	-0.9	98	-0.03
11		trans-1,2-Dichloroethene	0.328	0.359	-9.5	100	-0.02
12		Methyl tert-Butyl ether	0.453	0.483	-6.6	100	0.01
13	P	1,1-Dichloroethane	0.725	0.788	-8.7	99	0.00
14		2-Butanone	0.064	0.070	-9.4	106	0.00
15		cis-1,2-Dichloroethene	0.356	0.394	-10.7	102	0.00
16		Bromochloromethane	0.183	0.203	-10.9	103	-0.02
17	CP	Chloroform	0.838	0.915	-9.2	100	0.00
18		2,2-Dichloropropane	0.519	0.602	-16.0	104	-0.02
19	S	Dibromofluoromethane	0.704	0.785	-11.5	102	-0.02
20	S	1,2-Dichloroethane-d4	0.337	0.351	-4.2	99	-0.02
21		1,2-Dichloroethane	0.391	0.412	-5.4	101	-0.02
22		1,1,1-Trichloroethane	0.661	0.772	-16.8	102	-0.02
23		1,1-Dichloropropene	0.517	0.594	-14.9	103	0.00
24		Carbon tetrachloride	0.625	0.765	-22.4#	105	0.00
25	M	Benzene	0.909	0.987	-8.6	100	0.00
26	M	Trichloroethene	0.470	0.520	-10.6	99	0.00
27		Dibromomethane	0.329	0.360	-9.4	101	0.00
28	CP	1,2-Dichloropropane	0.373	0.404	-8.3	99	0.00
29		Bromodichloromethane	0.793	0.980	-23.6#	104	0.00
30		4-Methyl-2-pentanone	0.208	0.227	-9.1	100	-0.02
31		cis-1,3-Dichloropropene	0.418	0.529	-26.6#	111	0.00
32	S	Toluene-d8	0.845	0.965	-14.2	102	0.00
33	CPM	Toluene	0.551	0.633	-14.9	103	0.01
34		trans-1,3-Dichloropropene	0.293	0.376	-28.3#	114	0.00
35		1,1,2-Trichloroethane	0.238	0.264	-10.9	100	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.02
37		1,2-Dibromoethane	0.631	0.663	-5.1	105	-0.02
38		1,3-Dichloropropane	0.678	0.685	-1.0	103	-0.03
39		Dibromochloromethane	0.850	0.998	-17.4	106	-0.02
40		Tetrachloroethene	0.814	0.878	-7.9	105	-0.02

(#) = Out of Range

10/10/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D
Acq On : 9 Oct 2007 18:26
Sample : CCV-11407
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 12
Operator: MSV
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.595	0.659	-10.8	108	-0.03
42		1,1,1,2-Tetrachloroethane	0.646	0.725	-12.2	107	-0.03
43	PM	Chlorobenzene	1.193	1.229	-3.0	104	-0.03
44	CP	Ethylbenzene	1.776	1.914	-7.8	105	-0.02
45		(m+p)-Xylene	0.648	0.678	-4.6	103	-0.02
46		o-Xylene	0.662	0.710	-7.3	103	0.00
47		Styrene	0.985	1.069	-8.5	101	-0.02
48	P	Bromoform	0.437	0.518	-18.5	107	-0.02
49	S	Bromofluorobenzene	1.217	1.204	1.1	104	0.01
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
51	P	1,1,2,2-Tetrachloroethane	0.981	1.062	-8.3	107	-0.02
52		Isopropylbenzene	2.673	2.840	-6.2	98	-0.02
53		1,2,3-Trichloropropane	0.532	0.515	3.2	100	0.00
54		Bromobenzene	0.942	1.005	-6.7	102	0.01
55		n-Propylbenzene	3.544	4.084	-15.2	108	0.01
56		2-Chlorotoluene	2.844	3.000	-5.5	105	0.01
57		4-Chlorotoluene	2.717	2.859	-5.2	101	0.01
58		1,3,5-Trimethylbenzene	2.099	2.301	-9.6	102	0.01
59		tert-Butylbenzene	2.137	2.378	-11.3	104	0.01
60		1,2,4-Trimethylbenzene	1.925	2.116	-9.9	102	0.01
61		sec-Butylbenzene	3.047	3.409	-11.9	103	0.00
62		1,3-Dichlorobenzene	1.666	1.784	-7.1	105	0.01
63		p-Isopropyltoluene	2.173	2.448	-12.7	103	0.01
64		1,4-Dichlorobenzene	1.483	1.580	-6.5	105	0.01
65		n-Butylbenzene	2.084	2.272	-9.0	101	0.01
66		1,2-Dichlorobenzene	1.446	1.573	-8.8	104	0.01
67		1,2-Dibromo-3-chloropropane	0.186	0.209	-12.4	103	0.00
68		1,2,4-Trichlorobenzene	1.012	1.049	-3.7	106	0.00
69		Hexachlorobutadiene	0.815	0.889	-9.1	103	0.01
70		Naphthalene	0.931	0.897	3.7	105	0.00
71		1,2,3-Trichlorobenzene	0.800	0.803	-0.4	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D Vial: 12
Acq On : 9 Oct 2007 18:26 Operator: MSV
Sample : CCV-11407 Inst : #2MS12
Misc : CCV ,8260SMAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	98	0.00
2		Dichlorodifluoromethane	10.000	11.540	-15.4	102	0.00
3	P	Chloromethane	10.000	12.025	-20.3#	122	-0.09
4	CP	Vinyl chloride	10.000	10.256	-2.6	95	0.00
5		Bromomethane	10.000	10.383	-3.8	111	-0.02
6		Chloroethane	10.000	12.123	-21.2#	110	-0.02
7		Trichlorofluoromethane	10.000	11.948	-19.5	105	0.00
8		Acetone	20.000	19.910	0.4	95	0.01
9	CPM	1,1-Dichloroethene	10.000	11.475	-14.8	104	-0.02
10		Methylene chloride	10.000	10.090	-0.9	98	-0.03
11		trans-1,2-Dichloroethene	10.000	10.927	-9.3	100	-0.02
12		Methyl tert-Butyl ether	10.000	10.656	-6.6	100	0.01
13	P	1,1-Dichloroethane	10.000	10.858	-8.6	99	0.00
14		2-Butanone	20.000	21.895	-9.5	106	0.00
15		cis-1,2-Dichloroethene	10.000	11.068	-10.7	102	0.00
16		Bromochloromethane	10.000	11.089	-10.9	103	-0.02
17	CP	Chloroform	10.000	10.915	-9.1	100	0.00
18		2,2-Dichloropropane	10.000	10.394	-3.9	104	-0.02
19	S	Dibromofluoromethane	10.000	11.142	-11.4	102	-0.02
20	S	1,2-Dichloroethane-d4	10.000	10.420	-4.2	99	-0.02
21		1,2-Dichloroethane	10.000	10.528	-5.3	101	-0.02
22		1,1,1-Trichloroethane	10.000	10.472	-4.7	102	-0.02
23		1,1-Dichloropropene	10.000	11.490	-14.9	103	0.00
24		Carbon tetrachloride	10.000	10.684	-6.8	105	0.00
25	M	Benzene	10.000	10.854	-8.5	100	0.00
26	M	Trichloroethene	10.000	11.048	-10.5	99	0.00
27		Dibromomethane	10.000	10.925	-9.3	101	0.00
28	CP	1,2-Dichloropropane	10.000	10.815	-8.1	99	0.00
29		Bromodichloromethane	10.000	10.704	-7.0	104	0.00
30		4-Methyl-2-pentanone	20.000	21.821	-9.1	100	-0.02
31		cis-1,3-Dichloropropene	10.000	10.605	-6.1	111	0.00
32	S	Toluene-d8	10.000	11.415	-14.1	102	0.00
33	CPM	Toluene	10.000	11.485	-14.8	103	0.01
34		trans-1,3-Dichloropropene	10.000	10.475	-4.7	114	0.00
35		1,1,2-Trichloroethane	10.000	11.063	-10.6	100	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	106	-0.02
37		1,2-Dibromoethane	10.000	10.520	-5.2	105	-0.02
38		1,3-Dichloropropane	10.000	10.106	-1.1	103	-0.03
39		Dibromochloromethane	10.000	9.888	1.1	106	-0.02
40		Tetrachloroethene	10.000	10.783	-7.8	105	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D Vial: 12
Acq On : 9 Oct 2007 18:26 Operator: MSV
Sample : CCV-11407 Inst : #2MS12
Misc : CCV ,8260SMAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.082	-10.8	108	-0.03
42		1,1,1,2-Tetrachloroethane	10.000	11.214	-12.1	107	-0.03
43	PM	Chlorobenzene	10.000	10.309	-3.1	104	-0.03
44	CP	Ethylbenzene	10.000	10.780	-7.8	105	-0.02
45		(m+p)-Xylene	20.000	20.919	-4.6	103	-0.02
46		o-Xylene	10.000	10.713	-7.1	103	0.00
47		Styrene	10.000	10.855	-8.6	101	-0.02
48	P	Bromoform	10.000	9.609	3.9	107	-0.02
49	S	Bromofluorobenzene	10.000	9.894	1.1	104	0.01
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	101	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.830	-8.3	107	-0.02
52		Isopropylbenzene	10.000	10.626	-6.3	98	-0.02
53		1,2,3-Trichloropropane	10.000	9.687	3.1	100	0.00
54		Bromobenzene	10.000	10.672	-6.7	102	0.01
55		n-Propylbenzene	10.000	11.523	-15.2	108	0.01
56		2-Chlorotoluene	10.000	10.548	-5.5	105	0.01
57		4-Chlorotoluene	10.000	10.523	-5.2	101	0.01
58		1,3,5-Trimethylbenzene	10.000	10.964	-9.6	102	0.01
59		tert-Butylbenzene	10.000	11.128	-11.3	104	0.01
60		1,2,4-Trimethylbenzene	10.000	10.994	-9.9	102	0.01
61		sec-Butylbenzene	10.000	11.189	-11.9	103	0.00
62		1,3-Dichlorobenzene	10.000	10.708	-7.1	105	0.01
63		p-Isopropyltoluene	10.000	10.152	-1.5	103	0.01
64		1,4-Dichlorobenzene	10.000	10.655	-6.5	105	0.01
65		n-Butylbenzene	10.000	10.903	-9.0	101	0.01
66		1,2-Dichlorobenzene	10.000	10.882	-8.8	104	0.01
67		1,2-Dibromo-3-chloropropane	10.000	9.221	7.8	103	0.00
68		1,2,4-Trichlorobenzene	10.000	10.364	-3.6	106	0.00
69		Hexachlorobutadiene	10.000	10.911	-9.1	103	0.01
70		Naphthalene	10.000	9.640	3.6	105	0.00
71		1,2,3-Trichlorobenzene	10.000	10.039	-0.4	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11241
Initial Calibration ID:	1056	**File ID:**	J4597.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.000750	0.00500	F
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.000790	0.00250	F
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00550	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11241
Initial Calibration ID:	1056	**File ID:**	J4597.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.000660	0.00500	F
Ethylbenzene	0.000810	0.00500	F
Hexachlorobutadiene	0.000520	0.00300	F
Isopropylbenzene	0.000890	0.00500	F
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00180	0.00500	F
n-Propylbenzene	0.000910	0.00500	F
Naphthalene	0.00161	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00106	0.00500	F
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00104	0.00500	F
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.000750	0.00500	F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	111	84 - 118	
Dibromofluoromethane	107	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11241
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11241
Initial Calibration ID:	1056	**File ID:**	J4597.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	112	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1979677	1061351 - 4245404	
Chlorobenzene-d5	2402586	1422324 - 5689294	
Fluorobenzene	5309340	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11283
Initial Calibration ID:	1056	**File ID:**	J4618.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00790	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00114	0.0100	F
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11283
Initial Calibration ID:	1056	**File ID:**	J4618.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00166	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	106	84 - 118	
Dibromofluoromethane	103	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11283
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11283
Initial Calibration ID:	1056	**File ID:**	J4618.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	109	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1555466	1061351 - 4245404	
Chlorobenzene-d5	2202155	1422324 - 5689294	
Fluorobenzene	5162099	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11297
Initial Calibration ID:	1038	**File ID:**	M2636.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00030	0.0500	U
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11297
Initial Calibration ID:	1038	**File ID:**	M2636.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00021	0.00500	U
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	52 - 149	
4-Bromofluorobenzene	110	84 - 118	
Dibromofluoromethane	108	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11297
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11297
Initial Calibration ID:	1038	**File ID:**	M2636.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2646858	1143850 - 4575400	
Chlorobenzene-d5	2627136	1393807 - 5575228	
Fluorobenzene	4606998	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11301
Initial Calibration ID:	1056	**File ID:**	J4641.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00442	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.000990	0.0100	F
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11301
Initial Calibration ID:	1056	**File ID:**	J4641.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00164	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11301
Initial Calibration ID:	1056	**File ID:**	J4641.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1335547	1061351 - 4245404	
Chlorobenzene-d5	1981408	1422324 - 5689294	
Fluorobenzene	4804025	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11324
Initial Calibration ID:	1060	**File ID:**	T0640.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.492	5.00	F
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11324
Initial Calibration ID:	1060	**File ID:**	T0640.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	97	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11324
Initial Calibration ID:	1060	**File ID:**	T0640.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	716228	443553 - 1774212	
Chlorobenzene-d5	1561241	698816 - 2795262	
Fluorobenzene	3564018	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11327
Initial Calibration ID:	1038	**File ID:**	M2656.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00398	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11327
Initial Calibration ID:	1038	**File ID:**	M2656.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00021	0.00500	U
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	52 - 149	
4-Bromofluorobenzene	109	84 - 118	
Dibromofluoromethane	106	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11327
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11327
Initial Calibration ID:	1038	**File ID:**	M2656.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	3276777	1143850 - 4575400	
Chlorobenzene-d5	3286065	1393807 - 5575228	
Fluorobenzene	5818178	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11365
Initial Calibration ID:	1060	**File ID:**	T0662.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11365
Initial Calibration ID:	1060	**File ID:**	T0662.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	98	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11365
Initial Calibration ID:	1060	**File ID:**	T0662.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	590155	443553 - 1774212	
Chlorobenzene-d5	1347880	698816 - 2795262	
Fluorobenzene	3053854	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11383
Initial Calibration ID:	1060	**File ID:**	T0617.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11383
Initial Calibration ID:	1060	**File ID:**	T0617.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	113	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	103	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11383
Initial Calibration ID:	1060	**File ID:**	T0617.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	546555	443553 - 1774212	
Chlorobenzene-d5	1334322	698816 - 2795262	
Fluorobenzene	3055076	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11407
Initial Calibration ID:	1078	**File ID:**	M2789.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11407
Initial Calibration ID:	1078	**File ID:**	M2789.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	105	84 - 118	
Dibromofluoromethane	102	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11407
Initial Calibration ID:	1078	**File ID:**	M2789.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2442366	1123200 - 4492802	
Chlorobenzene-d5	3374851	1595982 - 6383930	
Fluorobenzene	5755263	2658960 - 10635838	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6271
Initial Calibration ID:	1060	**File ID:**	T0621.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6271
Initial Calibration ID:	1060	**File ID:**	T0621.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	100	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6271
Initial Calibration ID:	1060	**File ID:**	T0621.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	475047	443553 - 1774212	
Chlorobenzene-d5	1339733	698816 - 2795262	
Fluorobenzene	3073914	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4593.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.109	109	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0518	104	74 - 125	
1,1,1-Trichloroethane	0.05	0.0547	109	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0516	103	59 - 140	
1,1,2-Trichloroethane	0.05	0.0498	100	62 - 127	
1,1-Dichloroethane	0.05	0.0509	102	73 - 125	
1,1-Dichloroethene	0.05	0.0479	96	65 - 136	
1,1-Dichloropropene	0.05	0.0508	102	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0565	113	62 - 133	
1,2,3-Trichloropropane	0.05	0.0508	102	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0556	111	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0567	113	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0480	96	49 - 135	
1,2-Dibromoethane	0.05	0.0502	100	70 - 124	
1,2-Dichlorobenzene	0.05	0.0518	104	74 - 120	
1,2-Dichloroethane	0.05	0.0537	107	72 - 137	
1,2-Dichloropropane	0.05	0.0492	98	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0572	114	65 - 133	
1,3-Dichlorobenzene	0.05	0.0527	105	72 - 124	
1,3-Dichloropropane	0.05	0.0498	100	76 - 123	
1,4-Dichlorobenzene	0.05	0.0504	101	72 - 125	
1-Chlorohexane	0.05	0.0490	98	60 - 135	
2,2-Dichloropropane	0.05	0.0549	110	67 - 134	
2-Butanone	0.1	0.0919	92	40 - 135	
2-Chlorotoluene	0.05	0.0547	109	69 - 128	
4-Chlorotoluene	0.05	0.0539	108	73 - 126	
4-Methyl-2-pentanone	0.1	0.103	103	47 - 147	
Acetone	0.1	0.110	110	40 - 141	
Benzene	0.05	0.0531	106	73 - 126	
Bromobenzene	0.05	0.0537	107	66 - 121	
Bromochloromethane	0.05	0.0522	104	71 - 127	
Bromodichloromethane	0.05	0.0527	105	72 - 128	
Bromoform	0.05	0.0441	88	66 - 137	
Bromomethane	0.05	0.0523	105	45 - 141	
Carbon tetrachloride	0.05	0.0542	108	67 - 133	
Chlorobenzene	0.05	0.0530	106	75 - 123	
Chloroethane	0.05	0.0589	118	41 - 141	
Chloroform	0.05	0.0535	107	72 - 124	
Chloromethane	0.05	0.0362	72	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0511	102	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0515	103	72 - 126	
Dibromochloromethane	0.05	0.0463	93	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4593.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0518	104	73 - 128	
Dichlorodifluoromethane	0.05	0.0328	66	34 - 136	
Ethylbenzene	0.05	0.0500	100	74 - 127	
Hexachlorobutadiene	0.05	0.0521	104	53 - 142	
Isopropylbenzene	0.05	0.0521	104	77 - 129	
Methyl tert-butyl ether	0.05	0.0546	109	50 - 135	
Methylene chloride	0.05	0.0433	87	63 - 137	
n-Butylbenzene	0.05	0.0488	98	65 - 138	
n-Propylbenzene	0.05	0.0536	107	63 - 135	
Naphthalene	0.05	0.0507	101	51 - 135	
o-Xylene	0.05	0.0505	101	77 - 125	
p-Isopropyltoluene	0.05	0.0578	116	75 - 133	
sec-Butylbenzene	0.05	0.0512	102	63 - 132	
Styrene	0.05	0.0549	110	74 - 128	
tert-Butylbenzene	0.05	0.0574	115	65 - 132	
Tetrachloroethene	0.05	0.0501	100	67 - 139	
Toluene	0.05	0.0482	96	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0485	97	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0536	107	65 - 127	
Trichloroethene	0.05	0.0508	102	77 - 124	
Trichlorofluoromethane	0.05	0.0587	117	49 - 139	
Vinyl chloride	0.05	0.0461	92	58 - 126	
Xylenes (total)	0.15	0.159	106	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	114	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	111	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2059739	1061351 - 4245404	
Chlorobenzene-d5	2893396	1422324 - 5689294	
Fluorobenzene	6723592	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4615.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.108	108	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0530	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0555	111	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0518	104	59 - 140	
1,1,2-Trichloroethane	0.05	0.0464	93	62 - 127	
1,1-Dichloroethane	0.05	0.0514	103	73 - 125	
1,1-Dichloroethene	0.05	0.0486	97	65 - 136	
1,1-Dichloropropene	0.05	0.0530	106	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0504	101	62 - 133	
1,2,3-Trichloropropane	0.05	0.0486	97	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0553	111	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0585	117	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0456	91	49 - 135	
1,2-Dibromoethane	0.05	0.0461	92	70 - 124	
1,2-Dichlorobenzene	0.05	0.0517	103	74 - 120	
1,2-Dichloroethane	0.05	0.0510	102	72 - 137	
1,2-Dichloropropane	0.05	0.0482	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0603	121	65 - 133	
1,3-Dichlorobenzene	0.05	0.0548	110	72 - 124	
1,3-Dichloropropane	0.05	0.0484	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0520	104	72 - 125	
1-Chlorohexane	0.05	0.0527	105	60 - 135	
2,2-Dichloropropane	0.05	0.0559	112	67 - 134	
2-Butanone	0.1	0.0829	83	40 - 135	
2-Chlorotoluene	0.05	0.0576	115	69 - 128	
4-Chlorotoluene	0.05	0.0568	114	73 - 126	
4-Methyl-2-pentanone	0.1	0.0845	84	47 - 147	
Acetone	0.1	0.113	113	40 - 141	
Benzene	0.05	0.0536	107	73 - 126	
Bromobenzene	0.05	0.0550	110	66 - 121	
Bromochloromethane	0.05	0.0493	99	71 - 127	
Bromodichloromethane	0.05	0.0514	103	72 - 128	
Bromoform	0.05	0.0427	85	66 - 137	
Bromomethane	0.05	0.0561	112	45 - 141	
Carbon tetrachloride	0.05	0.0554	111	67 - 133	
Chlorobenzene	0.05	0.0543	109	75 - 123	
Chloroethane	0.05	0.0606	121	41 - 141	
Chloroform	0.05	0.0532	106	72 - 124	
Chloromethane	0.05	0.0362	73	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0509	102	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0504	101	72 - 126	
Dibromochloromethane	0.05	0.0467	93	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4615.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0481	96	73 - 128	
Dichlorodifluoromethane	0.05	0.0335	67	34 - 136	
Ethylbenzene	0.05	0.0521	104	74 - 127	
Hexachlorobutadiene	0.05	0.0560	112	53 - 142	
Isopropylbenzene	0.05	0.0563	113	77 - 129	
Methyl tert-butyl ether	0.05	0.0515	103	50 - 135	
Methylene chloride	0.05	0.0418	84	63 - 137	
n-Butylbenzene	0.05	0.0528	106	65 - 138	
n-Propylbenzene	0.05	0.0584	117	63 - 135	
Naphthalene	0.05	0.0425	85	51 - 135	
o-Xylene	0.05	0.0492	98	77 - 125	
p-Isopropyltoluene	0.05	0.0607	121	75 - 133	
sec-Butylbenzene	0.05	0.0536	107	63 - 132	
Styrene	0.05	0.0524	105	74 - 128	
tert-Butylbenzene	0.05	0.0583	117	65 - 132	
Tetrachloroethene	0.05	0.0553	111	67 - 139	
Toluene	0.05	0.0476	95	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0502	100	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0512	103	65 - 127	
Trichloroethene	0.05	0.0531	106	77 - 124	
Trichlorofluoromethane	0.05	0.0653	131	49 - 139	
Vinyl chloride	0.05	0.0473	95	58 - 126	
Xylenes (total)	0.15	0.158	105	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	108	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1794157	1061351 - 4245404	
Chlorobenzene-d5	2683318	1422324 - 5689294	
Fluorobenzene	6510486	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11297 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2633.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.107	107	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0528	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0470	94	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0453	91	59 - 140	
1,1,2-Trichloroethane	0.05	0.0457	91	62 - 127	
1,1-Dichloroethane	0.05	0.0464	93	73 - 125	
1,1-Dichloroethene	0.05	0.0449	90	65 - 136	
1,1-Dichloropropene	0.05	0.0482	96	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0548	110	62 - 133	
1,2,3-Trichloropropane	0.05	0.0411	82	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0591	118	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0538	108	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0382	76	49 - 135	
1,2-Dibromoethane	0.05	0.0455	91	70 - 124	
1,2-Dichlorobenzene	0.05	0.0496	99	74 - 120	
1,2-Dichloroethane	0.05	0.0430	86	72 - 137	
1,2-Dichloropropane	0.05	0.0450	90	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0513	103	65 - 133	
1,3-Dichlorobenzene	0.05	0.0506	101	72 - 124	
1,3-Dichloropropane	0.05	0.0493	99	76 - 123	
1,4-Dichlorobenzene	0.05	0.0472	94	72 - 125	
1-Chlorohexane	0.05	0.0579	116	60 - 135	
2,2-Dichloropropane	0.05	0.0475	95	67 - 134	
2-Butanone	0.1	0.0859	86	40 - 135	
2-Chlorotoluene	0.05	0.0462	92	69 - 128	
4-Chlorotoluene	0.05	0.0529	106	73 - 126	
4-Methyl-2-pentanone	0.1	0.0744	74	47 - 147	
Acetone	0.1	0.0998	100	40 - 141	
Benzene	0.05	0.0474	95	73 - 126	
Bromobenzene	0.05	0.0493	99	66 - 121	
Bromochloromethane	0.05	0.0490	98	71 - 127	
Bromodichloromethane	0.05	0.0490	98	72 - 128	
Bromoform	0.05	0.0459	92	66 - 137	
Bromomethane	0.05	0.0398	80	45 - 141	
Carbon tetrachloride	0.05	0.0463	93	67 - 133	
Chlorobenzene	0.05	0.0525	105	75 - 123	
Chloroethane	0.05	0.0469	94	41 - 141	
Chloroform	0.05	0.0475	95	72 - 124	
Chloromethane	0.05	0.0402	80	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0496	99	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0434	87	72 - 126	
Dibromochloromethane	0.05	0.0487	97	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11297 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2633.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0447	89	73 - 128	
Dichlorodifluoromethane	0.05	0.0332	66	34 - 136	
Ethylbenzene	0.05	0.0548	110	74 - 127	
Hexachlorobutadiene	0.05	0.0501	100	53 - 142	
Isopropylbenzene	0.05	0.0508	102	77 - 129	
Methyl tert-butyl ether	0.05	0.0449	90	50 - 135	
Methylene chloride	0.05	0.0357	71	63 - 137	
n-Butylbenzene	0.05	0.0548	110	65 - 138	
n-Propylbenzene	0.05	0.0491	98	63 - 135	
Naphthalene	0.05	0.0513	103	51 - 135	
o-Xylene	0.05	0.0538	108	77 - 125	
p-Isopropyltoluene	0.05	0.0548	110	75 - 133	
sec-Butylbenzene	0.05	0.0529	106	63 - 132	
Styrene	0.05	0.0560	112	74 - 128	
tert-Butylbenzene	0.05	0.0519	104	65 - 132	
Tetrachloroethene	0.05	0.0569	114	67 - 139	
Toluene	0.05	0.0498	100	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0480	96	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0391	78	65 - 127	
Trichloroethene	0.05	0.0484	97	77 - 124	
Trichlorofluoromethane	0.05	0.0458	92	49 - 139	
Vinyl chloride	0.05	0.0464	93	58 - 126	
Xylenes (total)	0.15	0.161	107	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2246781	1143850 - 4575400	
Chlorobenzene-d5	2362756	1393807 - 5575228	
Fluorobenzene	4570434	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4638.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.115	115	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0530	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0530	106	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0509	102	59 - 140	
1,1,2-Trichloroethane	0.05	0.0477	95	62 - 127	
1,1-Dichloroethane	0.05	0.0485	97	73 - 125	
1,1-Dichloroethene	0.05	0.0783	157	65 - 136	*
1,1-Dichloropropene	0.05	0.0529	106	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0509	102	62 - 133	
1,2,3-Trichloropropane	0.05	0.0465	93	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0542	108	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0592	118	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0421	84	49 - 135	
1,2-Dibromoethane	0.05	0.0466	93	70 - 124	
1,2-Dichlorobenzene	0.05	0.0522	104	74 - 120	
1,2-Dichloroethane	0.05	0.0460	92	72 - 137	
1,2-Dichloropropane	0.05	0.0474	95	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0615	123	65 - 133	
1,3-Dichlorobenzene	0.05	0.0546	109	72 - 124	
1,3-Dichloropropane	0.05	0.0489	98	76 - 123	
1,4-Dichlorobenzene	0.05	0.0523	105	72 - 125	
1-Chlorohexane	0.05	0.0562	112	60 - 135	
2,2-Dichloropropane	0.05	0.0521	104	67 - 134	
2-Butanone	0.1	0.0741	74	40 - 135	
2-Chlorotoluene	0.05	0.0582	116	69 - 128	
4-Chlorotoluene	0.05	0.0573	115	73 - 126	
4-Methyl-2-pentanone	0.1	0.0808	81	47 - 147	
Acetone	0.1	0.0884	88	40 - 141	
Benzene	0.05	0.0541	108	73 - 126	
Bromobenzene	0.05	0.0551	110	66 - 121	
Bromochloromethane	0.05	0.0494	99	71 - 127	
Bromodichloromethane	0.05	0.0498	100	72 - 128	
Bromoform	0.05	0.0413	83	66 - 137	
Bromomethane	0.05	0.0690	138	45 - 141	
Carbon tetrachloride	0.05	0.0527	105	67 - 133	
Chlorobenzene	0.05	0.0568	114	75 - 123	
Chloroethane	0.05	0.0535	107	41 - 141	
Chloroform	0.05	0.0512	102	72 - 124	
Chloromethane	0.05	0.0326	65	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0504	101	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0499	100	72 - 126	
Dibromochloromethane	0.05	0.0461	92	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4638.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0472	94	73 - 128	
Dichlorodifluoromethane	0.05	0.0323	65	34 - 136	
Ethylbenzene	0.05	0.0549	110	74 - 127	
Hexachlorobutadiene	0.05	0.0502	100	53 - 142	
Isopropylbenzene	0.05	0.0582	116	77 - 129	
Methyl tert-butyl ether	0.05	0.0485	97	50 - 135	
Methylene chloride	0.05	0.0414	83	63 - 137	
n-Butylbenzene	0.05	0.0527	105	65 - 138	
n-Propylbenzene	0.05	0.0606	121	63 - 135	
Naphthalene	0.05	0.0431	86	51 - 135	
o-Xylene	0.05	0.0516	103	77 - 125	
p-Isopropyltoluene	0.05	0.0613	123	75 - 133	
sec-Butylbenzene	0.05	0.0561	112	63 - 132	
Styrene	0.05	0.0549	110	74 - 128	
tert-Butylbenzene	0.05	0.0599	120	65 - 132	
Tetrachloroethene	0.05	0.0556	111	67 - 139	
Toluene	0.05	0.0490	98	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0501	100	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0500	100	65 - 127	
Trichloroethene	0.05	0.0533	107	77 - 124	
Trichlorofluoromethane	0.05	0.0696	139	49 - 139	
Vinyl chloride	0.05	0.0477	95	58 - 126	
Xylenes (total)	0.15	0.167	111	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	106	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1748062	1061351 - 4245404	
Chlorobenzene-d5	2568744	1422324 - 5689294	
Fluorobenzene	6197138	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11324 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0636.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.27	105	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.56	102	74 - 125	
1,1,1-Trichloroethane	2.5	2.70	108	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.57	103	59 - 140	
1,1,2-Trichloroethane	2.5	2.49	100	62 - 127	
1,1-Dichloroethane	2.5	2.62	105	73 - 125	
1,1-Dichloroethene	2.5	2.45	98	65 - 136	
1,1-Dichloropropene	2.5	2.66	106	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.50	100	62 - 133	
1,2,3-Trichloropropane	2.5	2.49	100	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.50	100	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.91	116	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.41	96	49 - 135	
1,2-Dibromoethane	2.5	2.45	98	70 - 124	
1,2-Dichlorobenzene	2.5	2.70	108	74 - 120	
1,2-Dichloroethane	2.5	2.63	105	72 - 137	
1,2-Dichloropropane	2.5	2.57	103	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.87	115	65 - 133	
1,3-Dichlorobenzene	2.5	2.67	107	72 - 124	
1,3-Dichloropropane	2.5	2.52	101	76 - 123	
1,4-Dichlorobenzene	2.5	2.58	103	72 - 125	
1-Chlorohexane	2.5	2.57	103	60 - 135	
2,2-Dichloropropane	2.5	2.61	104	67 - 134	
2-Butanone	5	5.59	112	40 - 135	
2-Chlorotoluene	2.5	2.80	112	69 - 128	
4-Chlorotoluene	2.5	2.86	114	73 - 126	
4-Methyl-2-pentanone	5	5.11	102	47 - 147	
Acetone	5	7.30	146	40 - 141	*
Benzene	2.5	2.62	105	73 - 126	
Bromobenzene	2.5	2.59	104	66 - 121	
Bromochloromethane	2.5	2.42	97	71 - 127	
Bromodichloromethane	2.5	2.63	105	72 - 128	
Bromoform	2.5	2.13	85	66 - 137	
Bromomethane	2.5	2.17	87	45 - 141	
Carbon tetrachloride	2.5	2.47	99	67 - 133	
Chlorobenzene	2.5	2.55	102	75 - 123	
Chloroethane	2.5	2.45	98	41 - 141	
Chloroform	2.5	2.57	103	72 - 124	
Chloromethane	2.5	2.46	98	51 - 129	
cis-1,2-Dichloroethene	2.5	2.54	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.75	110	72 - 126	
Dibromochloromethane	2.5	2.42	97	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11324 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0636.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.52	101	73 - 128	
Dichlorodifluoromethane	2.5	2.54	102	34 - 136	
Ethylbenzene	2.5	2.69	108	74 - 127	
Hexachlorobutadiene	2.5	2.50	100	53 - 142	
Isopropylbenzene	2.5	2.94	118	77 - 129	
Methyl tert-butyl ether	2.5	2.82	113	50 - 135	
Methylene chloride	2.5	2.41	96	63 - 137	
n-Butylbenzene	2.5	2.82	113	65 - 138	
n-Propylbenzene	2.5	2.92	117	63 - 135	
Naphthalene	2.5	2.60	104	51 - 135	
o-Xylene	2.5	2.68	107	77 - 125	
p-Isopropyltoluene	2.5	2.96	118	75 - 133	
sec-Butylbenzene	2.5	2.95	118	63 - 132	
Styrene	2.5	2.36	94	74 - 128	
tert-Butylbenzene	2.5	2.84	114	65 - 132	
Tetrachloroethene	2.5	2.41	96	67 - 139	
Toluene	2.5	2.74	110	71 - 127	
trans-1,2-Dichloroethene	2.5	2.50	100	66 - 134	
trans-1,3-Dichloropropene	2.5	2.45	98	65 - 127	
Trichloroethene	2.5	2.56	102	77 - 124	
Trichlorofluoromethane	2.5	2.54	102	49 - 139	
Vinyl chloride	2.5	2.66	106	58 - 126	
Xylenes (total)	7.5	7.94	106	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	104	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	982233	443553 - 1774212	
Chlorobenzene-d5	1731712	698816 - 2795262	
Fluorobenzene	3718116	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11327

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11327 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2653.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.103	103	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0501	100	74 - 125	
1,1,1-Trichloroethane	0.05	0.0439	88	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0418	84	59 - 140	
1,1,2-Trichloroethane	0.05	0.0426	85	62 - 127	
1,1-Dichloroethane	0.05	0.0427	85	73 - 125	
1,1-Dichloroethene	0.05	0.0407	81	65 - 136	
1,1-Dichloropropene	0.05	0.0446	89	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0535	107	62 - 133	
1,2,3-Trichloropropane	0.05	0.0340	68	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0580	116	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0505	101	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0364	73	49 - 135	
1,2-Dibromoethane	0.05	0.0442	89	70 - 124	
1,2-Dichlorobenzene	0.05	0.0471	94	74 - 120	
1,2-Dichloroethane	0.05	0.0382	76	72 - 137	
1,2-Dichloropropane	0.05	0.0426	85	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0483	97	65 - 133	
1,3-Dichlorobenzene	0.05	0.0477	95	72 - 124	
1,3-Dichloropropane	0.05	0.0462	92	76 - 123	
1,4-Dichlorobenzene	0.05	0.0456	91	72 - 125	
1-Chlorohexane	0.05	0.0576	115	60 - 135	
2,2-Dichloropropane	0.05	0.0459	92	67 - 134	
2-Butanone	0.1	0.0799	80	40 - 135	
2-Chlorotoluene	0.05	0.0395	79	69 - 128	
4-Chlorotoluene	0.05	0.0453	91	73 - 126	
4-Methyl-2-pentanone	0.1	0.0744	74	47 - 147	
Acetone	0.1	0.0890	89	40 - 141	
Benzene	0.05	0.0441	88	73 - 126	
Bromobenzene	0.05	0.0459	92	66 - 121	
Bromochloromethane	0.05	0.0458	92	71 - 127	
Bromodichloromethane	0.05	0.0452	90	72 - 128	
Bromoform	0.05	0.0447	89	66 - 137	
Bromomethane	0.05	0.0409	82	45 - 141	
Carbon tetrachloride	0.05	0.0441	88	67 - 133	
Chlorobenzene	0.05	0.0497	99	75 - 123	
Chloroethane	0.05	0.0414	83	41 - 141	
Chloroform	0.05	0.0430	86	72 - 124	
Chloromethane	0.05	0.0345	69	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0462	92	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0435	87	72 - 126	
Dibromochloromethane	0.05	0.0465	93	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11327

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11327 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2653.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0414	83	73 - 128	
Dichlorodifluoromethane	0.05	0.0314	63	34 - 136	
Ethylbenzene	0.05	0.0508	102	74 - 127	
Hexachlorobutadiene	0.05	0.0486	97	53 - 142	
Isopropylbenzene	0.05	0.0477	95	77 - 129	
Methyl tert-butyl ether	0.05	0.0438	88	50 - 135	
Methylene chloride	0.05	0.0299	60	63 - 137	*
n-Butylbenzene	0.05	0.0523	105	65 - 138	
n-Propylbenzene	0.05	0.0462	92	63 - 135	
Naphthalene	0.05	0.0505	101	51 - 135	
o-Xylene	0.05	0.0521	104	77 - 125	
p-Isopropyltoluene	0.05	0.0531	106	75 - 133	
sec-Butylbenzene	0.05	0.0506	101	63 - 132	
Styrene	0.05	0.0533	107	74 - 128	
tert-Butylbenzene	0.05	0.0493	99	65 - 132	
Tetrachloroethene	0.05	0.0541	108	67 - 139	
Toluene	0.05	0.0469	94	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0466	93	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0397	79	65 - 127	
Trichloroethene	0.05	0.0451	90	77 - 124	
Trichlorofluoromethane	0.05	0.0443	89	49 - 139	
Vinyl chloride	0.05	0.0431	86	58 - 126	
Xylenes (total)	0.15	0.155	103	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	85	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	100	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2958898	1143850 - 4575400	
Chlorobenzene-d5	3060821	1393807 - 5575228	
Fluorobenzene	5897090	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0659.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.24	105	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.60	104	74 - 125	
1,1,1-Trichloroethane	2.5	2.76	111	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.77	111	59 - 140	
1,1,2-Trichloroethane	2.5	2.59	104	62 - 127	
1,1-Dichloroethane	2.5	2.66	106	73 - 125	
1,1-Dichloroethene	2.5	2.41	96	65 - 136	
1,1-Dichloropropene	2.5	2.72	109	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.58	103	62 - 133	
1,2,3-Trichloropropane	2.5	2.70	108	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.51	100	65 - 131	
1,2,4-Trimethylbenzene	2.5	3.03	121	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.67	107	49 - 135	
1,2-Dibromoethane	2.5	2.47	99	70 - 124	
1,2-Dichlorobenzene	2.5	2.79	112	74 - 120	
1,2-Dichloroethane	2.5	2.73	109	72 - 137	
1,2-Dichloropropane	2.5	2.62	105	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.99	120	65 - 133	
1,3-Dichlorobenzene	2.5	2.74	110	72 - 124	
1,3-Dichloropropane	2.5	2.58	103	76 - 123	
1,4-Dichlorobenzene	2.5	2.63	105	72 - 125	
1-Chlorohexane	2.5	2.46	98	60 - 135	
2,2-Dichloropropane	2.5	2.61	104	67 - 134	
2-Butanone	5	5.80	116	40 - 135	
2-Chlorotoluene	2.5	2.96	118	69 - 128	
4-Chlorotoluene	2.5	2.96	119	73 - 126	
4-Methyl-2-pentanone	5	5.18	104	47 - 147	
Acetone	5	6.93	139	40 - 141	
Benzene	2.5	2.70	108	73 - 126	
Bromobenzene	2.5	2.76	110	66 - 121	
Bromochloromethane	2.5	2.39	96	71 - 127	
Bromodichloromethane	2.5	2.73	109	72 - 128	
Bromoform	2.5	2.24	90	66 - 137	
Bromomethane	2.5	2.12	85	45 - 141	
Carbon tetrachloride	2.5	2.59	104	67 - 133	
Chlorobenzene	2.5	2.56	102	75 - 123	
Chloroethane	2.5	2.49	100	41 - 141	
Chloroform	2.5	2.63	105	72 - 124	
Chloromethane	2.5	2.58	103	51 - 129	
cis-1,2-Dichloroethene	2.5	2.59	104	67 - 125	
cis-1,3-Dichloropropene	2.5	2.81	112	72 - 126	
Dibromochloromethane	2.5	2.52	101	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0659.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.53	101	73 - 128	
Dichlorodifluoromethane	2.5	2.54	101	34 - 136	
Ethylbenzene	2.5	2.76	110	74 - 127	
Hexachlorobutadiene	2.5	2.53	101	53 - 142	
Isopropylbenzene	2.5	3.09	124	77 - 129	
Methyl tert-butyl ether	2.5	2.86	114	50 - 135	
Methylene chloride	2.5	2.39	96	63 - 137	
n-Butylbenzene	2.5	2.90	116	65 - 138	
n-Propylbenzene	2.5	3.05	122	63 - 135	
Naphthalene	2.5	2.68	107	51 - 135	
o-Xylene	2.5	2.64	106	77 - 125	
p-Isopropyltoluene	2.5	3.04	122	75 - 133	
sec-Butylbenzene	2.5	3.07	123	63 - 132	
Styrene	2.5	2.33	93	74 - 128	
tert-Butylbenzene	2.5	2.92	117	65 - 132	
Tetrachloroethene	2.5	2.43	97	67 - 139	
Toluene	2.5	2.78	111	71 - 127	
trans-1,2-Dichloroethene	2.5	2.49	100	66 - 134	
trans-1,3-Dichloropropene	2.5	2.55	102	65 - 127	
Trichloroethene	2.5	2.67	107	77 - 124	
Trichlorofluoromethane	2.5	2.64	106	49 - 139	
Vinyl chloride	2.5	2.78	111	58 - 126	
Xylenes (total)	7.5	7.88	105	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	830334	443553 - 1774212	
Chlorobenzene-d5	1541560	698816 - 2795262	
Fluorobenzene	3282968	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0614.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	4.66	93	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.37	95	74 - 125	
1,1,1-Trichloroethane	2.5	2.70	108	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.78	111	59 - 140	
1,1,2-Trichloroethane	2.5	2.51	101	62 - 127	
1,1-Dichloroethane	2.5	2.62	105	73 - 125	
1,1-Dichloroethene	2.5	2.37	95	65 - 136	
1,1-Dichloropropene	2.5	2.67	107	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.43	97	62 - 133	
1,2,3-Trichloropropane	2.5	2.69	108	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.33	93	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.93	117	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.61	104	49 - 135	
1,2-Dibromoethane	2.5	2.28	91	70 - 124	
1,2-Dichlorobenzene	2.5	2.59	104	74 - 120	
1,2-Dichloroethane	2.5	2.70	108	72 - 137	
1,2-Dichloropropane	2.5	2.62	105	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.84	114	65 - 133	
1,3-Dichlorobenzene	2.5	2.61	104	72 - 124	
1,3-Dichloropropane	2.5	2.42	97	76 - 123	
1,4-Dichlorobenzene	2.5	2.49	100	72 - 125	
1-Chlorohexane	2.5	2.29	92	60 - 135	
2,2-Dichloropropane	2.5	2.53	101	67 - 134	
2-Butanone	5	5.58	112	40 - 135	
2-Chlorotoluene	2.5	2.82	113	69 - 128	
4-Chlorotoluene	2.5	2.81	112	73 - 126	
4-Methyl-2-pentanone	5	5.11	102	47 - 147	
Acetone	5	6.66	133	40 - 141	
Benzene	2.5	2.64	105	73 - 126	
Bromobenzene	2.5	2.56	103	66 - 121	
Bromochloromethane	2.5	2.31	92	71 - 127	
Bromodichloromethane	2.5	2.68	107	72 - 128	
Bromoform	2.5	2.03	81	66 - 137	
Bromomethane	2.5	2.33	93	45 - 141	
Carbon tetrachloride	2.5	2.48	99	67 - 133	
Chlorobenzene	2.5	2.35	94	75 - 123	
Chloroethane	2.5	2.57	103	41 - 141	
Chloroform	2.5	2.58	103	72 - 124	
Chloromethane	2.5	2.65	106	51 - 129	
cis-1,2-Dichloroethene	2.5	2.46	98	67 - 125	
cis-1,3-Dichloropropene	2.5	2.73	109	72 - 126	
Dibromochloromethane	2.5	2.32	93	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0614.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.49	100	73 - 128	
Dichlorodifluoromethane	2.5	2.60	104	34 - 136	
Ethylbenzene	2.5	2.52	101	74 - 127	
Hexachlorobutadiene	2.5	2.40	96	53 - 142	
Isopropylbenzene	2.5	2.91	116	77 - 129	
Methyl tert-butyl ether	2.5	2.66	106	50 - 135	
Methylene chloride	2.5	2.31	92	63 - 137	
n-Butylbenzene	2.5	2.84	114	65 - 138	
n-Propylbenzene	2.5	2.93	117	63 - 135	
Naphthalene	2.5	2.45	98	51 - 135	
o-Xylene	2.5	2.33	93	77 - 125	
p-Isopropyltoluene	2.5	2.90	116	75 - 133	
sec-Butylbenzene	2.5	2.95	118	63 - 132	
Styrene	2.5	2.09	84	74 - 128	
tert-Butylbenzene	2.5	2.76	110	65 - 132	
Tetrachloroethene	2.5	2.24	90	67 - 139	
Toluene	2.5	2.70	108	71 - 127	
trans-1,2-Dichloroethene	2.5	2.42	97	66 - 134	
trans-1,3-Dichloropropene	2.5	2.48	99	65 - 127	
Trichloroethene	2.5	2.58	103	77 - 124	
Trichlorofluoromethane	2.5	2.72	109	49 - 139	
Vinyl chloride	2.5	2.75	110	58 - 126	
Xylenes (total)	7.5	6.98	93	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	52 - 149	
4-Bromofluorobenzene	96	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	838638	443553 - 1774212	
Chlorobenzene-d5	1627323	698816 - 2795262	
Fluorobenzene	3320759	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2786.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.01	100	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.68	107	74 - 125	
1,1,1-Trichloroethane	2.5	2.39	95	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.40	96	59 - 140	
1,1,2-Trichloroethane	2.5	2.61	104	62 - 127	
1,1-Dichloroethane	2.5	2.53	101	73 - 125	
1,1-Dichloroethene	2.5	2.60	104	65 - 136	
1,1-Dichloropropene	2.5	2.64	106	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.35	94	62 - 133	
1,2,3-Trichloropropane	2.5	2.65	106	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.41	97	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.59	104	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.25	90	49 - 135	
1,2-Dibromoethane	2.5	2.57	103	70 - 124	
1,2-Dichlorobenzene	2.5	2.50	100	74 - 120	
1,2-Dichloroethane	2.5	2.44	98	72 - 137	
1,2-Dichloropropane	2.5	2.59	104	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.56	102	65 - 133	
1,3-Dichlorobenzene	2.5	2.47	99	72 - 124	
1,3-Dichloropropane	2.5	2.47	99	76 - 123	
1,4-Dichlorobenzene	2.5	2.50	100	72 - 125	
1-Chlorohexane	2.5	2.73	109	60 - 135	
2,2-Dichloropropane	2.5	2.21	88	67 - 134	
2-Butanone	5	4.57	91	40 - 135	
2-Chlorotoluene	2.5	2.47	99	69 - 128	
4-Chlorotoluene	2.5	2.39	95	73 - 126	
4-Methyl-2-pentanone	5	5.04	101	47 - 147	
Acetone	5	4.11	82	40 - 141	
Benzene	2.5	2.51	100	73 - 126	
Bromobenzene	2.5	2.48	99	66 - 121	
Bromochloromethane	2.5	2.56	102	71 - 127	
Bromodichloromethane	2.5	2.45	98	72 - 128	
Bromoform	2.5	2.35	94	66 - 137	
Bromomethane	2.5	2.39	96	45 - 141	
Carbon tetrachloride	2.5	2.44	97	67 - 133	
Chlorobenzene	2.5	2.43	97	75 - 123	
Chloroethane	2.5	2.60	104	41 - 141	
Chloroform	2.5	2.56	102	72 - 124	
Chloromethane	2.5	2.43	97	51 - 129	
cis-1,2-Dichloroethene	2.5	2.51	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.42	97	72 - 126	
Dibromochloromethane	2.5	2.41	97	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2786.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.54	102	73 - 128	
Dichlorodifluoromethane	2.5	2.46	99	34 - 136	
Ethylbenzene	2.5	2.54	102	74 - 127	
Hexachlorobutadiene	2.5	2.56	103	53 - 142	
Isopropylbenzene	2.5	2.56	102	77 - 129	
Methyl tert-butyl ether	2.5	2.53	101	50 - 135	
Methylene chloride	2.5	2.44	98	63 - 137	
n-Butylbenzene	2.5	2.55	102	65 - 138	
n-Propylbenzene	2.5	2.64	106	63 - 135	
Naphthalene	2.5	2.37	95	51 - 135	
o-Xylene	2.5	2.58	103	77 - 125	
p-Isopropyltoluene	2.5	2.34	94	75 - 133	
sec-Butylbenzene	2.5	2.61	104	63 - 132	
Styrene	2.5	2.60	104	74 - 128	
tert-Butylbenzene	2.5	2.56	103	65 - 132	
Tetrachloroethene	2.5	2.60	104	67 - 139	
Toluene	2.5	2.64	106	71 - 127	
trans-1,2-Dichloroethene	2.5	2.54	102	66 - 134	
trans-1,3-Dichloropropene	2.5	2.36	94	65 - 127	
Trichloroethene	2.5	2.70	108	77 - 124	
Trichlorofluoromethane	2.5	2.58	103	49 - 139	
Vinyl chloride	2.5	1.80	72	58 - 126	
Xylenes (total)	7.5	7.60	101	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2387574	1123200 - 4492802	
Chlorobenzene-d5	3454149	1595982 - 6383930	
Fluorobenzene	5673604	2658960 - 10635838	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4594.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.107	107	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0507	101	74 - 125	
1,1,1-Trichloroethane	0.05	0.0537	107	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0483	97	59 - 140	
1,1,2-Trichloroethane	0.05	0.0479	96	62 - 127	
1,1-Dichloroethane	0.05	0.0496	99	73 - 125	
1,1-Dichloroethene	0.05	0.0470	94	65 - 136	
1,1-Dichloropropene	0.05	0.0511	102	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0541	108	62 - 133	
1,2,3-Trichloropropane	0.05	0.0469	94	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0558	112	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0556	111	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0441	88	49 - 135	
1,2-Dibromoethane	0.05	0.0480	96	70 - 124	
1,2-Dichlorobenzene	0.05	0.0497	99	74 - 120	
1,2-Dichloroethane	0.05	0.0526	105	72 - 137	
1,2-Dichloropropane	0.05	0.0478	96	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0563	113	65 - 133	
1,3-Dichlorobenzene	0.05	0.0518	104	72 - 124	
1,3-Dichloropropane	0.05	0.0478	96	76 - 123	
1,4-Dichlorobenzene	0.05	0.0497	99	72 - 125	
1-Chlorohexane	0.05	0.0512	102	60 - 135	
2,2-Dichloropropane	0.05	0.0550	110	67 - 134	
2-Butanone	0.1	0.0944	94	40 - 135	
2-Chlorotoluene	0.05	0.0536	107	69 - 128	
4-Chlorotoluene	0.05	0.0530	106	73 - 126	
4-Methyl-2-pentanone	0.1	0.100	100	47 - 147	
Acetone	0.1	0.119	119	40 - 141	
Benzene	0.05	0.0518	104	73 - 126	
Bromobenzene	0.05	0.0516	103	66 - 121	
Bromochloromethane	0.05	0.0503	101	71 - 127	
Bromodichloromethane	0.05	0.0511	102	72 - 128	
Bromoform	0.05	0.0425	85	66 - 137	
Bromomethane	0.05	0.0543	109	45 - 141	
Carbon tetrachloride	0.05	0.0532	106	67 - 133	
Chlorobenzene	0.05	0.0519	104	75 - 123	
Chloroethane	0.05	0.0613	123	41 - 141	
Chloroform	0.05	0.0520	104	72 - 124	
Chloromethane	0.05	0.0379	76	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0497	99	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0509	102	72 - 126	
Dibromochloromethane	0.05	0.0453	91	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11241 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4594.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0491	98	73 - 128	
Dichlorodifluoromethane	0.05	0.0355	71	34 - 136	
Ethylbenzene	0.05	0.0501	100	74 - 127	
Hexachlorobutadiene	0.05	0.0537	107	53 - 142	
Isopropylbenzene	0.05	0.0509	102	77 - 129	
Methyl tert-butyl ether	0.05	0.0523	105	50 - 135	
Methylene chloride	0.05	0.0413	83	63 - 137	
n-Butylbenzene	0.05	0.0505	101	65 - 138	
n-Propylbenzene	0.05	0.0532	106	63 - 135	
Naphthalene	0.05	0.0451	90	51 - 135	
o-Xylene	0.05	0.0495	99	77 - 125	
p-Isopropyltoluene	0.05	0.0582	116	75 - 133	
sec-Butylbenzene	0.05	0.0505	101	63 - 132	
Styrene	0.05	0.0532	106	74 - 128	
tert-Butylbenzene	0.05	0.0552	110	65 - 132	
Tetrachloroethene	0.05	0.0513	103	67 - 139	
Toluene	0.05	0.0472	94	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0479	96	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0523	105	65 - 127	
Trichloroethene	0.05	0.0505	101	77 - 124	
Trichlorofluoromethane	0.05	0.0630	126	49 - 139	
Vinyl chloride	0.05	0.0479	96	58 - 126	
Xylenes (total)	0.15	0.157	104	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	112	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2215224	1061351 - 4245404	
Chlorobenzene-d5	3075502	1422324 - 5689294	
Fluorobenzene	7156550	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4616.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.109	109	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0528	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0559	112	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0523	105	59 - 140	
1,1,2-Trichloroethane	0.05	0.0499	100	62 - 127	
1,1-Dichloroethane	0.05	0.0523	105	73 - 125	
1,1-Dichloroethene	0.05	0.0486	97	65 - 136	
1,1-Dichloropropene	0.05	0.0529	106	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0535	107	62 - 133	
1,2,3-Trichloropropane	0.05	0.0504	101	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0555	111	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0578	116	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0495	99	49 - 135	
1,2-Dibromoethane	0.05	0.0500	100	70 - 124	
1,2-Dichlorobenzene	0.05	0.0527	105	74 - 120	
1,2-Dichloroethane	0.05	0.0540	108	72 - 137	
1,2-Dichloropropane	0.05	0.0492	98	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0589	118	65 - 133	
1,3-Dichlorobenzene	0.05	0.0537	107	72 - 124	
1,3-Dichloropropane	0.05	0.0500	100	76 - 123	
1,4-Dichlorobenzene	0.05	0.0515	103	72 - 125	
1-Chlorohexane	0.05	0.0513	103	60 - 135	
2,2-Dichloropropane	0.05	0.0563	113	67 - 134	
2-Butanone	0.1	0.100	100	40 - 135	
2-Chlorotoluene	0.05	0.0566	113	69 - 128	
4-Chlorotoluene	0.05	0.0559	112	73 - 126	
4-Methyl-2-pentanone	0.1	0.103	103	47 - 147	
Acetone	0.1	0.135	135	40 - 141	
Benzene	0.05	0.0539	108	73 - 126	
Bromobenzene	0.05	0.0544	109	66 - 121	
Bromochloromethane	0.05	0.0511	102	71 - 127	
Bromodichloromethane	0.05	0.0531	106	72 - 128	
Bromoform	0.05	0.0444	89	66 - 137	
Bromomethane	0.05	0.0563	113	45 - 141	
Carbon tetrachloride	0.05	0.0564	113	67 - 133	
Chlorobenzene	0.05	0.0539	108	75 - 123	
Chloroethane	0.05	0.0593	119	41 - 141	
Chloroform	0.05	0.0541	108	72 - 124	
Chloromethane	0.05	0.0352	70	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0519	104	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0522	104	72 - 126	
Dibromochloromethane	0.05	0.0476	95	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11283 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4616.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0510	102	73 - 128	
Dichlorodifluoromethane	0.05	0.0320	64	34 - 136	
Ethylbenzene	0.05	0.0519	104	74 - 127	
Hexachlorobutadiene	0.05	0.0561	112	53 - 142	
Isopropylbenzene	0.05	0.0546	109	77 - 129	
Methyl tert-butyl ether	0.05	0.0554	111	50 - 135	
Methylene chloride	0.05	0.0431	86	63 - 137	
n-Butylbenzene	0.05	0.0506	101	65 - 138	
n-Propylbenzene	0.05	0.0560	112	63 - 135	
Naphthalene	0.05	0.0475	95	51 - 135	
o-Xylene	0.05	0.0502	100	77 - 125	
p-Isopropyltoluene	0.05	0.0594	119	75 - 133	
sec-Butylbenzene	0.05	0.0529	106	63 - 132	
Styrene	0.05	0.0535	107	74 - 128	
tert-Butylbenzene	0.05	0.0583	117	65 - 132	
Tetrachloroethene	0.05	0.0530	106	67 - 139	
Toluene	0.05	0.0486	97	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0499	100	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0536	107	65 - 127	
Trichloroethene	0.05	0.0528	106	77 - 124	
Trichlorofluoromethane	0.05	0.0619	124	49 - 139	
Vinyl chloride	0.05	0.0470	94	58 - 126	
Xylenes (total)	0.15	0.159	106	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	111	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1754614	1061351 - 4245404	
Chlorobenzene-d5	2545803	1422324 - 5689294	
Fluorobenzene	5974386	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11297 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2634.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.101	101	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0505	101	74 - 125	
1,1,1-Trichloroethane	0.05	0.0434	87	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0474	95	59 - 140	
1,1,2-Trichloroethane	0.05	0.0489	98	62 - 127	
1,1-Dichloroethane	0.05	0.0447	89	73 - 125	
1,1-Dichloroethene	0.05	0.0426	85	65 - 136	
1,1-Dichloropropene	0.05	0.0456	91	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0562	112	62 - 133	
1,2,3-Trichloropropane	0.05	0.0468	94	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0566	113	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0498	100	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0434	87	49 - 135	
1,2-Dibromoethane	0.05	0.0483	97	70 - 124	
1,2-Dichlorobenzene	0.05	0.0486	97	74 - 120	
1,2-Dichloroethane	0.05	0.0438	88	72 - 137	
1,2-Dichloropropane	0.05	0.0460	92	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0477	95	65 - 133	
1,3-Dichlorobenzene	0.05	0.0480	96	72 - 124	
1,3-Dichloropropane	0.05	0.0486	97	76 - 123	
1,4-Dichlorobenzene	0.05	0.0460	92	72 - 125	
1-Chlorohexane	0.05	0.0518	104	60 - 135	
2,2-Dichloropropane	0.05	0.0448	90	67 - 134	
2-Butanone	0.1	0.0969	97	40 - 135	
2-Chlorotoluene	0.05	0.0423	85	69 - 128	
4-Chlorotoluene	0.05	0.0484	97	73 - 126	
4-Methyl-2-pentanone	0.1	0.0880	88	47 - 147	
Acetone	0.1	0.110	110	40 - 141	
Benzene	0.05	0.0461	92	73 - 126	
Bromobenzene	0.05	0.0468	94	66 - 121	
Bromochloromethane	0.05	0.0487	97	71 - 127	
Bromodichloromethane	0.05	0.0482	96	72 - 128	
Bromoform	0.05	0.0464	93	66 - 137	
Bromomethane	0.05	0.0449	90	45 - 141	
Carbon tetrachloride	0.05	0.0436	87	67 - 133	
Chlorobenzene	0.05	0.0496	99	75 - 123	
Chloroethane	0.05	0.0463	93	41 - 141	
Chloroform	0.05	0.0463	93	72 - 124	
Chloromethane	0.05	0.0342	68	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0482	96	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0440	88	72 - 126	
Dibromochloromethane	0.05	0.0480	96	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11297 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2634.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0479	96	73 - 128	
Dichlorodifluoromethane	0.05	0.0325	65	34 - 136	
Ethylbenzene	0.05	0.0507	101	74 - 127	
Hexachlorobutadiene	0.05	0.0489	98	53 - 142	
Isopropylbenzene	0.05	0.0486	97	77 - 129	
Methyl tert-butyl ether	0.05	0.0491	98	50 - 135	
Methylene chloride	0.05	0.0355	71	63 - 137	
n-Butylbenzene	0.05	0.0518	104	65 - 138	
n-Propylbenzene	0.05	0.0476	95	63 - 135	
Naphthalene	0.05	0.0549	110	51 - 135	
o-Xylene	0.05	0.0508	102	77 - 125	
p-Isopropyltoluene	0.05	0.0510	102	75 - 133	
sec-Butylbenzene	0.05	0.0496	99	63 - 132	
Styrene	0.05	0.0531	106	74 - 128	
tert-Butylbenzene	0.05	0.0499	100	65 - 132	
Tetrachloroethene	0.05	0.0505	101	67 - 139	
Toluene	0.05	0.0480	96	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0463	93	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0411	82	65 - 127	
Trichloroethene	0.05	0.0472	94	77 - 124	
Trichlorofluoromethane	0.05	0.0438	88	49 - 139	
Vinyl chloride	0.05	0.0345	69	58 - 126	
Xylenes (total)	0.15	0.151	101	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	104	84 - 118	
Dibromofluoromethane	102	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2308658	1143850 - 4575400	
Chlorobenzene-d5	2483673	1393807 - 5575228	
Fluorobenzene	4562274	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4639.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.119	119	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0552	110	74 - 125	
1,1,1-Trichloroethane	0.05	0.0548	110	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0566	113	59 - 140	
1,1,2-Trichloroethane	0.05	0.0515	103	62 - 127	
1,1-Dichloroethane	0.05	0.0518	104	73 - 125	
1,1-Dichloroethene	0.05	0.0513	103	65 - 136	
1,1-Dichloropropene	0.05	0.0538	108	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0580	116	62 - 133	
1,2,3-Trichloropropane	0.05	0.0528	106	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0574	115	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0614	123	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0490	98	49 - 135	
1,2-Dibromoethane	0.05	0.0502	100	70 - 124	
1,2-Dichlorobenzene	0.05	0.0559	112	74 - 120	
1,2-Dichloroethane	0.05	0.0501	100	72 - 137	
1,2-Dichloropropane	0.05	0.0503	101	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0634	127	65 - 133	
1,3-Dichlorobenzene	0.05	0.0568	114	72 - 124	
1,3-Dichloropropane	0.05	0.0525	105	76 - 123	
1,4-Dichlorobenzene	0.05	0.0547	109	72 - 125	
1-Chlorohexane	0.05	0.0545	109	60 - 135	
2,2-Dichloropropane	0.05	0.0540	108	67 - 134	
2-Butanone	0.1	0.0842	84	40 - 135	
2-Chlorotoluene	0.05	0.0606	121	69 - 128	
4-Chlorotoluene	0.05	0.0594	119	73 - 126	
4-Methyl-2-pentanone	0.1	0.0911	91	47 - 147	
Acetone	0.1	0.103	103	40 - 141	
Benzene	0.05	0.0568	114	73 - 126	
Bromobenzene	0.05	0.0574	115	66 - 121	
Bromochloromethane	0.05	0.0526	105	71 - 127	
Bromodichloromethane	0.05	0.0531	106	72 - 128	
Bromoform	0.05	0.0452	90	66 - 137	
Bromomethane	0.05	0.0637	127	45 - 141	
Carbon tetrachloride	0.05	0.0544	109	67 - 133	
Chlorobenzene	0.05	0.0582	116	75 - 123	
Chloroethane	0.05	0.0666	133	41 - 141	
Chloroform	0.05	0.0543	109	72 - 124	
Chloromethane	0.05	0.0350	70	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0540	108	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0523	105	72 - 126	
Dibromochloromethane	0.05	0.0491	98	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4639.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0515	103	73 - 128	
Dichlorodifluoromethane	0.05	0.0308	62	34 - 136	
Ethylbenzene	0.05	0.0569	114	74 - 127	
Hexachlorobutadiene	0.05	0.0555	111	53 - 142	
Isopropylbenzene	0.05	0.0600	120	77 - 129	
Methyl tert-butyl ether	0.05	0.0538	108	50 - 135	
Methylene chloride	0.05	0.0445	89	63 - 137	
n-Butylbenzene	0.05	0.0538	108	65 - 138	
n-Propylbenzene	0.05	0.0618	124	63 - 135	
Naphthalene	0.05	0.0511	102	51 - 135	
o-Xylene	0.05	0.0548	110	77 - 125	
p-Isopropyltoluene	0.05	0.0633	127	75 - 133	
sec-Butylbenzene	0.05	0.0582	116	63 - 132	
Styrene	0.05	0.0578	116	74 - 128	
tert-Butylbenzene	0.05	0.0624	125	65 - 132	
Tetrachloroethene	0.05	0.0550	110	67 - 139	
Toluene	0.05	0.0507	101	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0523	105	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0531	106	65 - 127	
Trichloroethene	0.05	0.0544	109	77 - 124	
Trichlorofluoromethane	0.05	0.0664	133	49 - 139	
Vinyl chloride	0.05	0.0480	96	58 - 126	
Xylenes (total)	0.15	0.174	116	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	107	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1525343	1061351 - 4245404	
Chlorobenzene-d5	2214801	1422324 - 5689294	
Fluorobenzene	5367672	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11327

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11327 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2654.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0977	98	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0492	98	74 - 125	
1,1,1-Trichloroethane	0.05	0.0440	88	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0480	96	59 - 140	
1,1,2-Trichloroethane	0.05	0.0475	95	62 - 127	
1,1-Dichloroethane	0.05	0.0433	87	73 - 125	
1,1-Dichloroethene	0.05	0.0407	81	65 - 136	
1,1-Dichloropropene	0.05	0.0438	88	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0550	110	62 - 133	
1,2,3-Trichloropropane	0.05	0.0402	80	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0552	110	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0499	100	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0422	84	49 - 135	
1,2-Dibromoethane	0.05	0.0487	97	70 - 124	
1,2-Dichlorobenzene	0.05	0.0483	97	74 - 120	
1,2-Dichloroethane	0.05	0.0411	82	72 - 137	
1,2-Dichloropropane	0.05	0.0450	90	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0474	95	65 - 133	
1,3-Dichlorobenzene	0.05	0.0477	95	72 - 124	
1,3-Dichloropropane	0.05	0.0480	96	76 - 123	
1,4-Dichlorobenzene	0.05	0.0446	89	72 - 125	
1-Chlorohexane	0.05	0.0529	106	60 - 135	
2,2-Dichloropropane	0.05	0.0449	90	67 - 134	
2-Butanone	0.1	0.0866	87	40 - 135	
2-Chlorotoluene	0.05	0.0406	81	69 - 128	
4-Chlorotoluene	0.05	0.0466	93	73 - 126	
4-Methyl-2-pentanone	0.1	0.0862	86	47 - 147	
Acetone	0.1	0.0918	92	40 - 141	
Benzene	0.05	0.0444	89	73 - 126	
Bromobenzene	0.05	0.0480	96	66 - 121	
Bromochloromethane	0.05	0.0482	96	71 - 127	
Bromodichloromethane	0.05	0.0468	94	72 - 128	
Bromoform	0.05	0.0475	95	66 - 137	
Bromomethane	0.05	0.0438	88	45 - 141	
Carbon tetrachloride	0.05	0.0426	85	67 - 133	
Chlorobenzene	0.05	0.0484	97	75 - 123	
Chloroethane	0.05	0.0442	88	41 - 141	
Chloroform	0.05	0.0438	88	72 - 124	
Chloromethane	0.05	0.0362	72	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0469	94	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0449	90	72 - 126	
Dibromochloromethane	0.05	0.0485	97	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11327

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11327 **Initial Calibration ID:** 1038

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2654.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0457	91	73 - 128	
Dichlorodifluoromethane	0.05	0.0317	63	34 - 136	
Ethylbenzene	0.05	0.0472	94	74 - 127	
Hexachlorobutadiene	0.05	0.0478	96	53 - 142	
Isopropylbenzene	0.05	0.0484	97	77 - 129	
Methyl tert-butyl ether	0.05	0.0485	97	50 - 135	
Methylene chloride	0.05	0.0319	64	63 - 137	
n-Butylbenzene	0.05	0.0482	96	65 - 138	
n-Propylbenzene	0.05	0.0449	90	63 - 135	
Naphthalene	0.05	0.0550	110	51 - 135	
o-Xylene	0.05	0.0500	100	77 - 125	
p-Isopropyltoluene	0.05	0.0509	102	75 - 133	
sec-Butylbenzene	0.05	0.0484	97	63 - 132	
Styrene	0.05	0.0518	104	74 - 128	
tert-Butylbenzene	0.05	0.0492	98	65 - 132	
Tetrachloroethene	0.05	0.0491	98	67 - 139	
Toluene	0.05	0.0469	94	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0444	89	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0419	84	65 - 127	
Trichloroethene	0.05	0.0442	88	77 - 124	
Trichlorofluoromethane	0.05	0.0435	87	49 - 139	
Vinyl chloride	0.05	0.0439	88	58 - 126	
Xylenes (total)	0.15	0.148	98	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2649158	1143850 - 4575400	
Chlorobenzene-d5	2909776	1393807 - 5575228	
Fluorobenzene	5361655	2371446 - 9485782	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0660.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.81	112	73 - 128	
Dichlorodifluoromethane	2.5	2.72	109	34 - 136	
Ethylbenzene	2.5	2.96	118	74 - 127	
Hexachlorobutadiene	2.5	2.63	105	53 - 142	
Isopropylbenzene	2.5	3.37	135	77 - 129	*
Methyl tert-butyl ether	2.5	3.10	124	50 - 135	
Methylene chloride	2.5	2.52	101	63 - 137	
n-Butylbenzene	2.5	3.18	127	65 - 138	
n-Propylbenzene	2.5	3.31	132	63 - 135	
Naphthalene	2.5	2.92	117	51 - 135	
o-Xylene	2.5	2.85	114	77 - 125	
p-Isopropyltoluene	2.5	3.29	132	75 - 133	
sec-Butylbenzene	2.5	3.36	134	63 - 132	*
Styrene	2.5	2.52	101	74 - 128	
tert-Butylbenzene	2.5	3.17	127	65 - 132	
Tetrachloroethene	2.5	2.63	105	67 - 139	
Toluene	2.5	2.98	119	71 - 127	
trans-1,2-Dichloroethene	2.5	2.69	108	66 - 134	
trans-1,3-Dichloropropene	2.5	2.74	110	65 - 127	
Trichloroethene	2.5	2.84	114	77 - 124	
Trichlorofluoromethane	2.5	2.86	114	49 - 139	
Vinyl chloride	2.5	2.95	118	58 - 126	
Xylenes (total)	7.5	8.48	113	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	99	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	754149	443553 - 1774212	
Chlorobenzene-d5	1406287	698816 - 2795262	
Fluorobenzene	3032888	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0660.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.63	113	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.88	115	74 - 125	
1,1,1-Trichloroethane	2.5	2.96	118	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	3.07	123	59 - 140	
1,1,2-Trichloroethane	2.5	2.78	111	62 - 127	
1,1-Dichloroethane	2.5	2.90	116	73 - 125	
1,1-Dichloroethene	2.5	2.64	106	65 - 136	
1,1-Dichloropropene	2.5	2.90	116	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.70	108	62 - 133	
1,2,3-Trichloropropane	2.5	2.63	105	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.68	107	65 - 131	
1,2,4-Trimethylbenzene	2.5	3.30	132	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.90	116	49 - 135	
1,2-Dibromoethane	2.5	2.77	111	70 - 124	
1,2-Dichlorobenzene	2.5	3.02	121	74 - 120	*
1,2-Dichloroethane	2.5	2.95	118	72 - 137	
1,2-Dichloropropane	2.5	2.86	114	71 - 120	
1,3,5-Trimethylbenzene	2.5	3.26	131	65 - 133	
1,3-Dichlorobenzene	2.5	2.98	119	72 - 124	
1,3-Dichloropropane	2.5	2.86	114	76 - 123	
1,4-Dichlorobenzene	2.5	2.88	115	72 - 125	
1-Chlorohexane	2.5	2.72	109	60 - 135	
2,2-Dichloropropane	2.5	2.72	109	67 - 134	
2-Butanone	5	6.44	129	40 - 135	
2-Chlorotoluene	2.5	3.24	129	69 - 128	*
4-Chlorotoluene	2.5	3.22	129	73 - 126	*
4-Methyl-2-pentanone	5	5.84	117	47 - 147	
Acetone	5	7.77	155	40 - 141	*
Benzene	2.5	2.90	116	73 - 126	
Bromobenzene	2.5	2.97	119	66 - 121	
Bromochloromethane	2.5	2.66	106	71 - 127	
Bromodichloromethane	2.5	2.92	117	72 - 128	
Bromoform	2.5	2.54	102	66 - 137	
Bromomethane	2.5	2.33	93	45 - 141	
Carbon tetrachloride	2.5	2.73	109	67 - 133	
Chlorobenzene	2.5	2.78	111	75 - 123	
Chloroethane	2.5	2.68	107	41 - 141	
Chloroform	2.5	2.81	112	72 - 124	
Chloromethane	2.5	2.79	112	51 - 129	
cis-1,2-Dichloroethene	2.5	2.80	112	67 - 125	
cis-1,3-Dichloropropene	2.5	3.05	122	72 - 126	
Dibromochloromethane	2.5	2.79	112	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0615.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	4.72	94	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.41	96	74 - 125	
1,1,1-Trichloroethane	2.5	2.66	106	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.72	109	59 - 140	
1,1,2-Trichloroethane	2.5	2.52	101	62 - 127	
1,1-Dichloroethane	2.5	2.64	106	73 - 125	
1,1-Dichloroethene	2.5	2.38	95	65 - 136	
1,1-Dichloropropene	2.5	2.65	106	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.41	96	62 - 133	
1,2,3-Trichloropropane	2.5	2.63	105	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.38	95	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.90	116	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.51	101	49 - 135	
1,2-Dibromoethane	2.5	2.31	92	70 - 124	
1,2-Dichlorobenzene	2.5	2.64	106	74 - 120	
1,2-Dichloroethane	2.5	2.68	107	72 - 137	
1,2-Dichloropropane	2.5	2.56	102	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.86	114	65 - 133	
1,3-Dichlorobenzene	2.5	2.60	104	72 - 124	
1,3-Dichloropropane	2.5	2.44	97	76 - 123	
1,4-Dichlorobenzene	2.5	2.51	100	72 - 125	
1-Chlorohexane	2.5	2.31	92	60 - 135	
2,2-Dichloropropane	2.5	2.50	100	67 - 134	
2-Butanone	5	5.66	113	40 - 135	
2-Chlorotoluene	2.5	2.83	113	69 - 128	
4-Chlorotoluene	2.5	2.84	114	73 - 126	
4-Methyl-2-pentanone	5	5.24	105	47 - 147	
Acetone	5	6.62	132	40 - 141	
Benzene	2.5	2.62	105	73 - 126	
Bromobenzene	2.5	2.60	104	66 - 121	
Bromochloromethane	2.5	2.31	92	71 - 127	
Bromodichloromethane	2.5	2.68	107	72 - 128	
Bromoform	2.5	2.08	83	66 - 137	
Bromomethane	2.5	2.31	92	45 - 141	
Carbon tetrachloride	2.5	2.49	100	67 - 133	
Chlorobenzene	2.5	2.36	94	75 - 123	
Chloroethane	2.5	2.53	101	41 - 141	
Chloroform	2.5	2.55	102	72 - 124	
Chloromethane	2.5	2.66	106	51 - 129	
cis-1,2-Dichloroethene	2.5	2.48	99	67 - 125	
cis-1,3-Dichloropropene	2.5	2.67	107	72 - 126	
Dibromochloromethane	2.5	2.31	92	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0615.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.52	101	73 - 128	
Dichlorodifluoromethane	2.5	2.60	104	34 - 136	
Ethylbenzene	2.5	2.54	102	74 - 127	
Hexachlorobutadiene	2.5	2.36	94	53 - 142	
Isopropylbenzene	2.5	2.92	117	77 - 129	
Methyl tert-butyl ether	2.5	2.70	108	50 - 135	
Methylene chloride	2.5	2.31	92	63 - 137	
n-Butylbenzene	2.5	2.82	113	65 - 138	
n-Propylbenzene	2.5	2.93	117	63 - 135	
Naphthalene	2.5	2.48	99	51 - 135	
o-Xylene	2.5	2.40	96	77 - 125	
p-Isopropyltoluene	2.5	2.87	115	75 - 133	
sec-Butylbenzene	2.5	2.94	117	63 - 132	
Styrene	2.5	2.13	85	74 - 128	
tert-Butylbenzene	2.5	2.75	110	65 - 132	
Tetrachloroethene	2.5	2.22	89	67 - 139	
Toluene	2.5	2.68	107	71 - 127	
trans-1,2-Dichloroethene	2.5	2.40	96	66 - 134	
trans-1,3-Dichloropropene	2.5	2.47	99	65 - 127	
Trichloroethene	2.5	2.50	100	77 - 124	
Trichlorofluoromethane	2.5	2.66	107	49 - 139	
Vinyl chloride	2.5	2.74	110	58 - 126	
Xylenes (total)	7.5	7.12	95	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	846610	443553 - 1774212	
Chlorobenzene-d5	1615385	698816 - 2795262	
Fluorobenzene	3318200	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2787.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.04	101	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.62	105	74 - 125	
1,1,1-Trichloroethane	2.5	2.45	98	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.36	94	59 - 140	
1,1,2-Trichloroethane	2.5	2.59	104	62 - 127	
1,1-Dichloroethane	2.5	2.65	106	73 - 125	
1,1-Dichloroethene	2.5	2.69	108	65 - 136	
1,1-Dichloropropene	2.5	2.68	107	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.48	99	62 - 133	
1,2,3-Trichloropropane	2.5	2.61	104	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.53	101	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.64	106	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.29	92	49 - 135	
1,2-Dibromoethane	2.5	2.58	103	70 - 124	
1,2-Dichlorobenzene	2.5	2.57	103	74 - 120	
1,2-Dichloroethane	2.5	2.46	98	72 - 137	
1,2-Dichloropropane	2.5	2.60	104	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.64	106	65 - 133	
1,3-Dichlorobenzene	2.5	2.52	101	72 - 124	
1,3-Dichloropropane	2.5	2.47	99	76 - 123	
1,4-Dichlorobenzene	2.5	2.51	100	72 - 125	
1-Chlorohexane	2.5	2.70	108	60 - 135	
2,2-Dichloropropane	2.5	2.24	90	67 - 134	
2-Butanone	5	4.63	93	40 - 135	
2-Chlorotoluene	2.5	2.94	118	69 - 128	
4-Chlorotoluene	2.5	2.07	83	73 - 126	
4-Methyl-2-pentanone	5	4.96	99	47 - 147	
Acetone	5	4.21	84	40 - 141	
Benzene	2.5	2.54	102	73 - 126	
Bromobenzene	2.5	2.58	103	66 - 121	
Bromochloromethane	2.5	2.60	104	71 - 127	
Bromodichloromethane	2.5	2.50	100	72 - 128	
Bromoform	2.5	2.41	96	66 - 137	
Bromomethane	2.5	2.48	99	45 - 141	
Carbon tetrachloride	2.5	2.49	100	67 - 133	
Chlorobenzene	2.5	2.51	100	75 - 123	
Chloroethane	2.5	2.56	102	41 - 141	
Chloroform	2.5	2.60	104	72 - 124	
Chloromethane	2.5	2.49	100	51 - 129	
cis-1,2-Dichloroethene	2.5	2.62	105	67 - 125	
cis-1,3-Dichloropropene	2.5	2.40	96	72 - 126	
Dibromochloromethane	2.5	2.41	96	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2787.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.57	103	73 - 128	
Dichlorodifluoromethane	2.5	2.50	100	34 - 136	
Ethylbenzene	2.5	2.62	105	74 - 127	
Hexachlorobutadiene	2.5	2.67	107	53 - 142	
Isopropylbenzene	2.5	2.64	106	77 - 129	
Methyl tert-butyl ether	2.5	2.54	102	50 - 135	
Methylene chloride	2.5	2.33	93	63 - 137	
n-Butylbenzene	2.5	2.62	105	65 - 138	
n-Propylbenzene	2.5	2.73	109	63 - 135	
Naphthalene	2.5	2.36	94	51 - 135	
o-Xylene	2.5	2.61	104	77 - 125	
p-Isopropyltoluene	2.5	2.39	96	75 - 133	
sec-Butylbenzene	2.5	2.68	107	63 - 132	
Styrene	2.5	2.67	107	74 - 128	
tert-Butylbenzene	2.5	2.61	104	65 - 132	
Tetrachloroethene	2.5	2.62	105	67 - 139	
Toluene	2.5	2.64	105	71 - 127	
trans-1,2-Dichloroethene	2.5	2.56	102	66 - 134	
trans-1,3-Dichloropropene	2.5	2.33	93	65 - 127	
Trichloroethene	2.5	2.72	109	77 - 124	
Trichlorofluoromethane	2.5	2.63	105	49 - 139	
Vinyl chloride	2.5	2.31	92	58 - 126	
Xylenes (total)	7.5	7.64	102	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	106	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2378835	1123200 - 4492802	
Chlorobenzene-d5	3454653	1595982 - 6383930	
Fluorobenzene	5662655	2658960 - 10635838	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.90

Parent Field Sample ID: AOC9-SB39-01 **MS ID:** 0709160-001BMS **MSD ID:** 0709160-001BMSD

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene	2.63	101	124	120	126	122	1	79 - 126	30	
1,1,1,2-Tetrachloroethane		50.7	56.3	111	57.6	114	2	74 - 125	30	
1,1,1-Trichloroethane		50.7	59.8	118	61.6	122	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		50.7	54.6	108	56.5	112	3	59 - 140	30	
1,1,2-Trichloroethane		50.7	104	206	118	232	12	62 - 127	30	*
1,1-Dichloroethane		50.7	58.6	116	59.6	118	2	73 - 125	30	
1,1-Dichloroethene		50.7	53.5	106	55.7	110	4	65 - 136	30	
1,1-Dichloropropene		50.7	60.1	119	61.3	121	2	70 - 135	30	
1,2,3-Trichlorobenzene		50.7	53.0	104	54.4	107	3	62 - 133	30	
1,2,3-Trichloropropane		50.7	50.0	99	52.2	103	4	63 - 130	30	
1,2,4-Trichlorobenzene		50.7	53.2	105	54.0	107	2	65 - 131	30	
1,2,4-Trimethylbenzene	112	50.7	139	54	146	67	5	65 - 135	30	*
1,2-Dibromo-3-chloropropane		50.7	55.2	109	58.8	116	6	49 - 135	30	
1,2-Dibromoethane		50.7	54.7	108	56.1	111	2	70 - 124	30	
1,2-Dichlorobenzene		50.7	60.0	118	61.1	121	2	74 - 120	30	*
1,2-Dichloroethane		50.7	59.1	117	59.8	118	1	72 - 137	30	
1,2-Dichloropropane		50.7	58.2	115	59.0	116	1	71 - 120	30	
1,3,5-Trimethylbenzene	55.6	50.7	101	90	106	100	5	65 - 133	30	
1,3-Dichlorobenzene		50.7	59.3	117	60.0	118	1	72 - 124	30	
1,3-Dichloropropane		50.7	56.2	111	57.2	113	2	76 - 123	30	
1,4-Dichlorobenzene	26.5	50.7	77.1	100	79.1	104	3	72 - 125	30	
1-Chlorohexane		50.7	50.3	99	51.3	101	2	60 - 135	30	
2,2-Dichloropropane		50.7	57.4	113	57.4	113	0	67 - 134	30	
2-Butanone		101	142	140	155	153	9	40 - 135	30	*
2-Chlorotoluene		50.7	66.7	132	68.1	134	2	69 - 128	30	*
4-Chlorotoluene		50.7	62.9	124	63.5	125	1	73 - 126	30	
4-Methyl-2-pentanone		101	116	115	122	121	5	47 - 147	30	
Acetone	9.88	101	158	146	162	150	2	40 - 141	30	*
Benzene		50.7	58.6	116	60.2	119	3	73 - 126	30	
Bromobenzene		50.7	54.5	108	55.2	109	1	66 - 121	30	
Bromochloromethane		50.7	53.9	106	55.1	109	2	71 - 127	30	
Bromodichloromethane		50.7	59.0	116	60.1	119	2	72 - 128	30	
Bromoform		50.7	46.9	93	48.5	96	3	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 84.90

Parent Field Sample ID: AOC9-SB39-01 **MS ID:** 0709160-001BMS **MSD ID:** 0709160-001BMSD

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		50.7	44.3	88	49.4	98	11	45 - 141	30	
Carbon tetrachloride		50.7	55.5	110	56.8	112	2	67 - 133	30	
Chlorobenzene		50.7	56.7	112	57.7	114	2	75 - 123	30	
Chloroethane		50.7	49.6	98	54.1	107	9	41 - 141	30	
Chloroform		50.7	57.4	113	58.3	115	2	72 - 124	30	
Chloromethane		50.7	49.0	97	56.0	111	13	51 - 129	30	
cis-1,2-Dichloroethene		50.7	57.6	114	58.3	115	1	67 - 125	30	
cis-1,3-Dichloropropene		50.7	61.2	121	62.8	124	3	72 - 126	30	
Dibromochloromethane		50.7	54.5	108	55.8	110	2	66 - 130	30	
Dibromomethane		50.7	55.8	110	57.9	114	4	73 - 128	30	
Dichlorodifluoromethane		50.7	48.6	96	55.8	110	14	34 - 136	30	
Ethylbenzene		50.7	60.3	119	62.2	123	3	74 - 127	30	
Hexachlorobutadiene		50.7	60.6	120	61.3	121	1	53 - 142	30	
Isopropylbenzene	10.1	50.7	70.4	119	71.7	122	2	77 - 129	30	
Methyl tert-butyl ether		50.7	57.1	113	58.0	115	2	50 - 135	30	
Methylene chloride		50.7	52.9	104	54.8	108	4	63 - 137	30	
n-Butylbenzene	6.18	50.7	70.6	127	72.5	131	3	65 - 138	30	
n-Propylbenzene	12.5	50.7	73.9	121	75.7	125	2	63 - 135	30	
Naphthalene	13.2	50.7	64.5	101	67.4	107	5	51 - 135	30	
o-Xylene	1.01	50.7	63.4	123	64.7	126	2	77 - 125	30	*
p-Isopropyltoluene	9.48	50.7	75.0	129	76.3	132	2	75 - 133	30	
sec-Butylbenzene	7.96	50.7	72.7	128	74.2	131	2	63 - 132	30	
Styrene		50.7	55.4	109	56.8	112	2	74 - 128	30	
tert-Butylbenzene		50.7	64.9	128	66.0	130	2	65 - 132	30	
Tetrachloroethene		50.7	54.1	107	55.3	109	2	67 - 139	30	
Toluene		50.7	61.3	121	63.6	126	4	71 - 127	30	
trans-1,2-Dichloroethene		50.7	56.1	111	57.1	113	2	66 - 134	30	
trans-1,3-Dichloropropene		50.7	54.3	107	55.4	109	2	65 - 127	30	
Trichloroethene		50.7	59.1	117	60.9	120	3	77 - 124	30	
Trichlorofluoromethane		50.7	53.2	105	57.3	113	8	49 - 139	30	
Vinyl chloride		50.7	53.0	105	59.6	118	12	58 - 126	30	
Xylenes (total)	3.65	152	188	121	191	123	2	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11241 **MS ID:** LCS-11241 **MSD ID:** LCSD-11241

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.109	109	0.107	107	1	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0518	104	0.0507	101	2	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0547	109	0.0537	107	2	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0516	103	0.0483	97	7	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0498	100	0.0479	96	4	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0509	102	0.0496	99	3	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0479	96	0.0470	94	2	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0508	102	0.0511	102	0	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0565	113	0.0541	108	4	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0508	102	0.0469	94	8	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0556	111	0.0558	112	1	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0567	113	0.0556	111	2	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0480	96	0.0441	88	9	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0502	100	0.0480	96	4	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0518	104	0.0497	99	4	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0537	107	0.0526	105	2	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0492	98	0.0478	96	3	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0572	114	0.0563	113	2	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0527	105	0.0518	104	2	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0498	100	0.0478	96	4	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0504	101	0.0497	99	1	72 - 125	30	
1-Chlorohexane		0.0500	0.0490	98	0.0512	102	4	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0549	110	0.0550	110	0	67 - 134	30	
2-Butanone		0.100	0.0919	92	0.0944	94	3	40 - 135	30	
2-Chlorotoluene		0.0500	0.0547	109	0.0536	107	2	69 - 128	30	
4-Chlorotoluene		0.0500	0.0539	108	0.0530	106	2	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.103	103	0.100	100	2	47 - 147	30	
Acetone		0.100	0.110	110	0.119	119	8	40 - 141	30	
Benzene		0.0500	0.0531	106	0.0518	104	3	73 - 126	30	
Bromobenzene		0.0500	0.0537	107	0.0516	103	4	66 - 121	30	
Bromochloromethane		0.0500	0.0522	104	0.0503	101	4	71 - 127	30	
Bromodichloromethane		0.0500	0.0527	105	0.0511	102	3	72 - 128	30	
Bromoform		0.0500	0.0441	88	0.0425	85	4	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11241 **MS ID:** LCS-11241 **MSD ID:** LCSD-11241

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0523	105	0.0543	109	4	45 - 141	30	
Carbon tetrachloride		0.0500	0.0542	108	0.0532	106	2	67 - 133	30	
Chlorobenzene		0.0500	0.0530	106	0.0519	104	2	75 - 123	30	
Chloroethane		0.0500	0.0589	118	0.0613	123	4	41 - 141	30	
Chloroform		0.0500	0.0535	107	0.0520	104	3	72 - 124	30	
Chloromethane		0.0500	0.0362	72	0.0379	76	5	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0511	102	0.0497	99	3	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0515	103	0.0509	102	1	72 - 126	30	
Dibromochloromethane		0.0500	0.0463	93	0.0453	91	2	66 - 130	30	
Dibromomethane		0.0500	0.0518	104	0.0491	98	5	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0328	66	0.0355	71	8	34 - 136	30	
Ethylbenzene		0.0500	0.0500	100	0.0501	100	0	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0521	104	0.0537	107	3	53 - 142	30	
Isopropylbenzene		0.0500	0.0521	104	0.0509	102	2	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0546	109	0.0523	105	4	50 - 135	30	
Methylene chloride		0.0500	0.0433	87	0.0413	83	5	63 - 137	30	
n-Butylbenzene		0.0500	0.0488	98	0.0505	101	4	65 - 138	30	
n-Propylbenzene		0.0500	0.0536	107	0.0532	106	1	63 - 135	30	
Naphthalene		0.0500	0.0507	101	0.0451	90	12	51 - 135	30	
o-Xylene		0.0500	0.0505	101	0.0495	99	2	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0578	116	0.0582	116	1	75 - 133	30	
sec-Butylbenzene		0.0500	0.0512	102	0.0505	101	1	63 - 132	30	
Styrene		0.0500	0.0549	110	0.0532	106	3	74 - 128	30	
tert-Butylbenzene		0.0500	0.0574	115	0.0552	110	4	65 - 132	30	
Tetrachloroethene		0.0500	0.0501	100	0.0513	103	2	67 - 139	30	
Toluene		0.0500	0.0482	96	0.0472	94	2	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0485	97	0.0479	96	1	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0536	107	0.0523	105	2	65 - 127	30	
Trichloroethene		0.0500	0.0508	102	0.0505	101	0	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0587	117	0.0630	126	7	49 - 139	30	
Vinyl chloride		0.0500	0.0461	92	0.0479	96	4	58 - 126	30	
Xylenes (total)		0.150	0.159	106	0.157	104	2	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11283 **MS ID:** LCS-11283 **MSD ID:** LCSD-11283

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.108	108	0.109	109	0	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0530	106	0.0528	106	0	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0555	111	0.0559	112	1	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0518	104	0.0523	105	1	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0464	93	0.0499	100	7	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0514	103	0.0523	105	2	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0486	97	0.0486	97	0	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0530	106	0.0529	106	0	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0504	101	0.0535	107	6	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0486	97	0.0504	101	4	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0553	111	0.0555	111	0	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0585	117	0.0578	116	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0456	91	0.0495	99	8	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0461	92	0.0500	100	8	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0517	103	0.0527	105	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0510	102	0.0540	108	6	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0482	96	0.0492	98	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0603	121	0.0589	118	2	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0548	110	0.0537	107	2	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0484	97	0.0500	100	3	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0520	104	0.0515	103	1	72 - 125	30	
1-Chlorohexane		0.0500	0.0527	105	0.0513	103	3	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0559	112	0.0563	113	1	67 - 134	30	
2-Butanone		0.100	0.0829	83	0.100	100	19	40 - 135	30	
2-Chlorotoluene		0.0500	0.0576	115	0.0566	113	2	69 - 128	30	
4-Chlorotoluene		0.0500	0.0568	114	0.0559	112	1	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0845	84	0.103	103	20	47 - 147	30	
Acetone		0.100	0.113	113	0.135	135	17	40 - 141	30	
Benzene		0.0500	0.0536	107	0.0539	108	1	73 - 126	30	
Bromobenzene		0.0500	0.0550	110	0.0544	109	1	66 - 121	30	
Bromochloromethane		0.0500	0.0493	99	0.0511	102	4	71 - 127	30	
Bromodichloromethane		0.0500	0.0514	103	0.0531	106	3	72 - 128	30	
Bromoform		0.0500	0.0427	85	0.0444	89	4	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11283 **MS ID:** LCS-11283 **MSD ID:** LCSD-11283

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0561	112	0.0563	113	0	45 - 141	30	
Carbon tetrachloride		0.0500	0.0554	111	0.0564	113	2	67 - 133	30	
Chlorobenzene		0.0500	0.0543	109	0.0539	108	1	75 - 123	30	
Chloroethane		0.0500	0.0606	121	0.0593	119	2	41 - 141	30	
Chloroform		0.0500	0.0532	106	0.0541	108	2	72 - 124	30	
Chloromethane		0.0500	0.0362	73	0.0352	70	3	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0509	102	0.0519	104	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0504	101	0.0522	104	4	72 - 126	30	
Dibromochloromethane		0.0500	0.0467	93	0.0476	95	2	66 - 130	30	
Dibromomethane		0.0500	0.0481	96	0.0510	102	6	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0335	67	0.0320	64	5	34 - 136	30	
Ethylbenzene		0.0500	0.0521	104	0.0519	104	0	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0560	112	0.0561	112	0	53 - 142	30	
Isopropylbenzene		0.0500	0.0563	113	0.0546	109	3	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0515	103	0.0554	111	7	50 - 135	30	
Methylene chloride		0.0500	0.0418	84	0.0431	86	3	63 - 137	30	
n-Butylbenzene		0.0500	0.0528	106	0.0506	101	4	65 - 138	30	
n-Propylbenzene		0.0500	0.0584	117	0.0560	112	4	63 - 135	30	
Naphthalene		0.0500	0.0425	85	0.0475	95	11	51 - 135	30	
o-Xylene		0.0500	0.0492	98	0.0502	100	2	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0607	121	0.0594	119	2	75 - 133	30	
sec-Butylbenzene		0.0500	0.0536	107	0.0529	106	1	63 - 132	30	
Styrene		0.0500	0.0524	105	0.0535	107	2	74 - 128	30	
tert-Butylbenzene		0.0500	0.0583	117	0.0583	117	0	65 - 132	30	
Tetrachloroethene		0.0500	0.0553	111	0.0530	106	4	67 - 139	30	
Toluene		0.0500	0.0476	95	0.0486	97	2	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0502	100	0.0499	100	1	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0512	103	0.0536	107	5	65 - 127	30	
Trichloroethene		0.0500	0.0531	106	0.0528	106	1	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0653	131	0.0619	124	5	49 - 139	30	
Vinyl chloride		0.0500	0.0473	95	0.0470	94	1	58 - 126	30	
Xylenes (total)		0.150	0.158	105	0.159	106	1	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11297 **MS ID:** LCS-11297 **MSD ID:** LCSD-11297

Calibration ID: 1038

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.107	107	0.101	101	7	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0528	106	0.0505	101	5	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0470	94	0.0434	87	8	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0453	91	0.0474	95	5	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0457	91	0.0489	98	7	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0464	93	0.0447	89	4	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0449	90	0.0426	85	5	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0482	96	0.0456	91	6	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0548	110	0.0562	112	3	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0411	82	0.0468	94	13	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0591	118	0.0566	113	4	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0538	108	0.0498	100	8	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0382	76	0.0434	87	13	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0455	91	0.0483	97	6	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0496	99	0.0486	97	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0430	86	0.0438	88	2	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0450	90	0.0460	92	2	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0513	103	0.0477	95	7	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0506	101	0.0480	96	5	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0493	99	0.0486	97	1	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0472	94	0.0460	92	3	72 - 125	30	
1-Chlorohexane		0.0500	0.0579	116	0.0518	104	11	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0475	95	0.0448	90	6	67 - 134	30	
2-Butanone		0.100	0.0859	86	0.0969	97	12	40 - 135	30	
2-Chlorotoluene		0.0500	0.0462	92	0.0423	85	9	69 - 128	30	
4-Chlorotoluene		0.0500	0.0529	106	0.0484	97	9	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0744	74	0.0880	88	17	47 - 147	30	
Acetone		0.100	0.0998	100	0.110	110	10	40 - 141	30	
Benzene		0.0500	0.0474	95	0.0461	92	3	73 - 126	30	
Bromobenzene		0.0500	0.0493	99	0.0468	94	5	66 - 121	30	
Bromochloromethane		0.0500	0.0490	98	0.0487	97	1	71 - 127	30	
Bromodichloromethane		0.0500	0.0490	98	0.0482	96	2	72 - 128	30	
Bromoform		0.0500	0.0459	92	0.0464	93	1	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11297 **MS ID:** LCS-11297 **MSD ID:** LCSD-11297

Calibration ID: 1038

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0398	80	0.0449	90	12	45 - 141	30	
Carbon tetrachloride		0.0500	0.0463	93	0.0436	87	6	67 - 133	30	
Chlorobenzene		0.0500	0.0525	105	0.0496	99	6	75 - 123	30	
Chloroethane		0.0500	0.0469	94	0.0463	93	1	41 - 141	30	
Chloroform		0.0500	0.0475	95	0.0463	93	3	72 - 124	30	
Chloromethane		0.0500	0.0402	80	0.0342	68	16	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0496	99	0.0482	96	3	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0434	87	0.0440	88	1	72 - 126	30	
Dibromochloromethane		0.0500	0.0487	97	0.0480	96	2	66 - 130	30	
Dibromomethane		0.0500	0.0447	89	0.0479	96	7	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0332	66	0.0325	65	2	34 - 136	30	
Ethylbenzene		0.0500	0.0548	110	0.0507	101	8	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0501	100	0.0489	98	2	53 - 142	30	
Isopropylbenzene		0.0500	0.0508	102	0.0486	97	4	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0449	90	0.0491	98	9	50 - 135	30	
Methylene chloride		0.0500	0.0357	71	0.0355	71	1	63 - 137	30	
n-Butylbenzene		0.0500	0.0548	110	0.0518	104	6	65 - 138	30	
n-Propylbenzene		0.0500	0.0491	98	0.0476	95	3	63 - 135	30	
Naphthalene		0.0500	0.0513	103	0.0549	110	7	51 - 135	30	
o-Xylene		0.0500	0.0538	108	0.0508	102	6	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0548	110	0.0510	102	7	75 - 133	30	
sec-Butylbenzene		0.0500	0.0529	106	0.0496	99	6	63 - 132	30	
Styrene		0.0500	0.0560	112	0.0531	106	5	74 - 128	30	
tert-Butylbenzene		0.0500	0.0519	104	0.0499	100	4	65 - 132	30	
Tetrachloroethene		0.0500	0.0569	114	0.0505	101	12	67 - 139	30	
Toluene		0.0500	0.0498	100	0.0480	96	4	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0480	96	0.0463	93	4	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0391	78	0.0411	82	5	65 - 127	30	
Trichloroethene		0.0500	0.0484	97	0.0472	94	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0458	92	0.0438	88	4	49 - 139	30	
Vinyl chloride		0.0500	0.0464	93	0.0345	69	30	58 - 126	30	
Xylenes (total)		0.150	0.161	107	0.151	101	6	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11301 **MS ID:** LCS-11301 **MSD ID:** LCSD-11301

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.115	115	0.119	119	3	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0530	106	0.0552	110	4	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0530	106	0.0548	110	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0509	102	0.0566	113	11	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0477	95	0.0515	103	8	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0485	97	0.0518	104	7	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0783	157	0.0513	103	42	65 - 136	30	*
1,1-Dichloropropene		0.0500	0.0529	106	0.0538	108	2	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0509	102	0.0580	116	13	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0465	93	0.0528	106	13	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0542	108	0.0574	115	6	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0592	118	0.0614	123	4	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0421	84	0.0490	98	15	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0466	93	0.0502	100	7	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0522	104	0.0559	112	7	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0460	92	0.0501	100	8	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0474	95	0.0503	101	6	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0615	123	0.0634	127	3	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0546	109	0.0568	114	4	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0489	98	0.0525	105	7	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0523	105	0.0547	109	4	72 - 125	30	
1-Chlorohexane		0.0500	0.0562	112	0.0545	109	3	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0521	104	0.0540	108	3	67 - 134	30	
2-Butanone		0.100	0.0741	74	0.0842	84	13	40 - 135	30	
2-Chlorotoluene		0.0500	0.0582	116	0.0606	121	4	69 - 128	30	
4-Chlorotoluene		0.0500	0.0573	115	0.0594	119	4	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0808	81	0.0911	91	12	47 - 147	30	
Acetone		0.100	0.0884	88	0.103	103	15	40 - 141	30	
Benzene		0.0500	0.0541	108	0.0568	114	5	73 - 126	30	
Bromobenzene		0.0500	0.0551	110	0.0574	115	4	66 - 121	30	
Bromochloromethane		0.0500	0.0494	99	0.0526	105	6	71 - 127	30	
Bromodichloromethane		0.0500	0.0498	100	0.0531	106	6	72 - 128	30	
Bromoform		0.0500	0.0413	83	0.0452	90	9	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11301 **MS ID:** LCS-11301 **MSD ID:** LCSD-11301

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0690	138	0.0637	127	8	45 - 141	30	
Carbon tetrachloride		0.0500	0.0527	105	0.0544	109	3	67 - 133	30	
Chlorobenzene		0.0500	0.0568	114	0.0582	116	2	75 - 123	30	
Chloroethane		0.0500	0.0535	107	0.0666	133	22	41 - 141	30	
Chloroform		0.0500	0.0512	102	0.0543	109	6	72 - 124	30	
Chloromethane		0.0500	0.0326	65	0.0350	70	7	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0504	101	0.0540	108	7	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0499	100	0.0523	105	5	72 - 126	30	
Dibromochloromethane		0.0500	0.0461	92	0.0491	98	6	66 - 130	30	
Dibromomethane		0.0500	0.0472	94	0.0515	103	9	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0323	65	0.0308	62	5	34 - 136	30	
Ethylbenzene		0.0500	0.0549	110	0.0569	114	4	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0502	100	0.0555	111	10	53 - 142	30	
Isopropylbenzene		0.0500	0.0582	116	0.0600	120	3	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0485	97	0.0538	108	10	50 - 135	30	
Methylene chloride		0.0500	0.0414	83	0.0445	89	7	63 - 137	30	
n-Butylbenzene		0.0500	0.0527	105	0.0538	108	2	65 - 138	30	
n-Propylbenzene		0.0500	0.0606	121	0.0618	124	2	63 - 135	30	
Naphthalene		0.0500	0.0431	86	0.0511	102	17	51 - 135	30	
o-Xylene		0.0500	0.0516	103	0.0548	110	6	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0613	123	0.0633	127	3	75 - 133	30	
sec-Butylbenzene		0.0500	0.0561	112	0.0582	116	4	63 - 132	30	
Styrene		0.0500	0.0549	110	0.0578	116	5	74 - 128	30	
tert-Butylbenzene		0.0500	0.0599	120	0.0624	125	4	65 - 132	30	
Tetrachloroethene		0.0500	0.0556	111	0.0550	110	1	67 - 139	30	
Toluene		0.0500	0.0490	98	0.0507	101	3	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0501	100	0.0523	105	4	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0500	100	0.0531	106	6	65 - 127	30	
Trichloroethene		0.0500	0.0533	107	0.0544	109	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0696	139	0.0664	133	5	49 - 139	30	
Vinyl chloride		0.0500	0.0477	95	0.0480	96	1	58 - 126	30	
Xylenes (total)		0.150	0.167	111	0.174	116	4	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11327

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11327 **MS ID:** LCS-11327 **MSD ID:** LCSD-11327

Calibration ID: 1038

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.103	103	0.0977	98	5	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0501	100	0.0492	98	2	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0439	88	0.0440	88	0	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0418	84	0.0480	96	14	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0426	85	0.0475	95	11	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0427	85	0.0433	87	1	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0407	81	0.0407	81	0	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0446	89	0.0438	88	2	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0535	107	0.0550	110	3	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0340	68	0.0402	80	17	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0580	116	0.0552	110	5	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0505	101	0.0499	100	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0364	73	0.0422	84	15	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0442	89	0.0487	97	10	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0471	94	0.0483	97	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0382	76	0.0411	82	7	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0426	85	0.0450	90	5	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0483	97	0.0474	95	2	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0477	95	0.0477	95	0	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0462	92	0.0480	96	4	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0456	91	0.0446	89	2	72 - 125	30	
1-Chlorohexane		0.0500	0.0576	115	0.0529	106	9	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0459	92	0.0449	90	2	67 - 134	30	
2-Butanone		0.100	0.0799	80	0.0866	87	8	40 - 135	30	
2-Chlorotoluene		0.0500	0.0395	79	0.0406	81	3	69 - 128	30	
4-Chlorotoluene		0.0500	0.0453	91	0.0466	93	3	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0744	74	0.0862	86	15	47 - 147	30	
Acetone		0.100	0.0890	89	0.0918	92	3	40 - 141	30	
Benzene		0.0500	0.0441	88	0.0444	89	1	73 - 126	30	
Bromobenzene		0.0500	0.0459	92	0.0480	96	4	66 - 121	30	
Bromochloromethane		0.0500	0.0458	92	0.0482	96	5	71 - 127	30	
Bromodichloromethane		0.0500	0.0452	90	0.0468	94	3	72 - 128	30	
Bromoform		0.0500	0.0447	89	0.0475	95	6	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11327

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11327 **MS ID:** LCS-11327 **MSD ID:** LCSD-11327

Calibration ID: 1038

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0409	82	0.0438	88	7	45 - 141	30	
Carbon tetrachloride		0.0500	0.0441	88	0.0426	85	4	67 - 133	30	
Chlorobenzene		0.0500	0.0497	99	0.0484	97	3	75 - 123	30	
Chloroethane		0.0500	0.0414	83	0.0442	88	7	41 - 141	30	
Chloroform		0.0500	0.0430	86	0.0438	88	2	72 - 124	30	
Chloromethane		0.0500	0.0345	69	0.0362	72	5	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0462	92	0.0469	94	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0435	87	0.0449	90	3	72 - 126	30	
Dibromochloromethane		0.0500	0.0465	93	0.0485	97	4	66 - 130	30	
Dibromomethane		0.0500	0.0414	83	0.0457	91	10	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0314	63	0.0317	63	1	34 - 136	30	
Ethylbenzene		0.0500	0.0508	102	0.0472	94	7	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0486	97	0.0478	96	2	53 - 142	30	
Isopropylbenzene		0.0500	0.0477	95	0.0484	97	1	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0438	88	0.0485	97	10	50 - 135	30	
Methylene chloride		0.0500	0.0299	60	0.0319	64	6	63 - 137	30	*
n-Butylbenzene		0.0500	0.0523	105	0.0482	96	8	65 - 138	30	
n-Propylbenzene		0.0500	0.0462	92	0.0449	90	3	63 - 135	30	
Naphthalene		0.0500	0.0505	101	0.0550	110	9	51 - 135	30	
o-Xylene		0.0500	0.0521	104	0.0500	100	4	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0531	106	0.0509	102	4	75 - 133	30	
sec-Butylbenzene		0.0500	0.0506	101	0.0484	97	4	63 - 132	30	
Styrene		0.0500	0.0533	107	0.0518	104	3	74 - 128	30	
tert-Butylbenzene		0.0500	0.0493	99	0.0492	98	0	65 - 132	30	
Tetrachloroethene		0.0500	0.0541	108	0.0491	98	10	67 - 139	30	
Toluene		0.0500	0.0469	94	0.0469	94	0	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0466	93	0.0444	89	5	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0397	79	0.0419	84	5	65 - 127	30	
Trichloroethene		0.0500	0.0451	90	0.0442	88	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0443	89	0.0435	87	2	49 - 139	30	
Vinyl chloride		0.0500	0.0431	86	0.0439	88	2	58 - 126	30	
Xylenes (total)		0.150	0.155	103	0.148	98	5	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11365 **MS ID:** LCS-11365 **MSD ID:** LCSD-11365

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.24	105	5.63	113	7	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.60	104	2.88	115	10	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.76	111	2.96	118	7	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.77	111	3.07	123	10	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.59	104	2.78	111	7	62 - 127	30	
1,1-Dichloroethane		2.50	2.66	106	2.90	116	8	73 - 125	30	
1,1-Dichloroethene		2.50	2.41	96	2.64	106	9	65 - 136	30	
1,1-Dichloropropene		2.50	2.72	109	2.90	116	7	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.58	103	2.70	108	4	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.70	108	2.63	105	3	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.51	100	2.68	107	7	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	3.03	121	3.30	132	9	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.67	107	2.90	116	8	49 - 135	30	
1,2-Dibromoethane		2.50	2.47	99	2.77	111	11	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.79	112	3.02	121	8	74 - 120	30	*
1,2-Dichloroethane		2.50	2.73	109	2.95	118	8	72 - 137	30	
1,2-Dichloropropane		2.50	2.62	105	2.86	114	8	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.99	120	3.26	131	9	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.74	110	2.98	119	9	72 - 124	30	
1,3-Dichloropropane		2.50	2.58	103	2.86	114	10	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.63	105	2.88	115	9	72 - 125	30	
1-Chlorohexane		2.50	2.46	98	2.72	109	10	60 - 135	30	
2,2-Dichloropropane		2.50	2.61	104	2.72	109	4	67 - 134	30	
2-Butanone		5.00	5.80	116	6.44	129	11	40 - 135	30	
2-Chlorotoluene		2.50	2.96	118	3.24	129	9	69 - 128	30	*
4-Chlorotoluene		2.50	2.96	119	3.22	129	8	73 - 126	30	*
4-Methyl-2-pentanone		5.00	5.18	104	5.84	117	12	47 - 147	30	
Acetone		5.00	6.93	139	7.77	155	11	40 - 141	30	*
Benzene		2.50	2.70	108	2.90	116	7	73 - 126	30	
Bromobenzene		2.50	2.76	110	2.97	119	7	66 - 121	30	
Bromochloromethane		2.50	2.39	96	2.66	106	10	71 - 127	30	
Bromodichloromethane		2.50	2.73	109	2.92	117	7	72 - 128	30	
Bromoform		2.50	2.24	90	2.54	102	12	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11365 **MS ID:** LCS-11365 **MSD ID:** LCSD-11365

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.12	85	2.33	93	9	45 - 141	30	
Carbon tetrachloride		2.50	2.59	104	2.73	109	5	67 - 133	30	
Chlorobenzene		2.50	2.56	102	2.78	111	8	75 - 123	30	
Chloroethane		2.50	2.49	100	2.68	107	7	41 - 141	30	
Chloroform		2.50	2.63	105	2.81	112	7	72 - 124	30	
Chloromethane		2.50	2.58	103	2.79	112	8	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.59	104	2.80	112	8	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.81	112	3.05	122	8	72 - 126	30	
Dibromochloromethane		2.50	2.52	101	2.79	112	10	66 - 130	30	
Dibromomethane		2.50	2.53	101	2.81	112	10	73 - 128	30	
Dichlorodifluoromethane		2.50	2.54	101	2.72	109	7	34 - 136	30	
Ethylbenzene		2.50	2.76	110	2.96	118	7	74 - 127	30	
Hexachlorobutadiene		2.50	2.53	101	2.63	105	4	53 - 142	30	
Isopropylbenzene		2.50	3.09	124	3.37	135	9	77 - 129	30	*
Methyl tert-butyl ether		2.50	2.86	114	3.10	124	8	50 - 135	30	
Methylene chloride		2.50	2.39	96	2.52	101	6	63 - 137	30	
n-Butylbenzene		2.50	2.90	116	3.18	127	9	65 - 138	30	
n-Propylbenzene		2.50	3.05	122	3.31	132	8	63 - 135	30	
Naphthalene		2.50	2.68	107	2.92	117	8	51 - 135	30	
o-Xylene		2.50	2.64	106	2.85	114	8	77 - 125	30	
p-Isopropyltoluene		2.50	3.04	122	3.29	132	8	75 - 133	30	
sec-Butylbenzene		2.50	3.07	123	3.36	134	9	63 - 132	30	*
Styrene		2.50	2.33	93	2.52	101	8	74 - 128	30	
tert-Butylbenzene		2.50	2.92	117	3.17	127	8	65 - 132	30	
Tetrachloroethene		2.50	2.43	97	2.63	105	8	67 - 139	30	
Toluene		2.50	2.78	111	2.98	119	7	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.49	100	2.69	108	8	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.55	102	2.74	110	7	65 - 127	30	
Trichloroethene		2.50	2.67	107	2.84	114	6	77 - 124	30	
Trichlorofluoromethane		2.50	2.64	106	2.86	114	8	49 - 139	30	
Vinyl chloride		2.50	2.78	111	2.95	118	6	58 - 126	30	
Xylenes (total)		7.50	7.88	105	8.48	113	7	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11383 **MS ID:** LCS-11383 **MSD ID:** LCSD-11383

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	4.66	93	4.72	94	1	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.37	95	2.41	96	2	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.70	108	2.66	106	2	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.78	111	2.72	109	2	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.51	101	2.52	101	0	62 - 127	30	
1,1-Dichloroethane		2.50	2.62	105	2.64	106	1	73 - 125	30	
1,1-Dichloroethene		2.50	2.37	95	2.38	95	1	65 - 136	30	
1,1-Dichloropropene		2.50	2.67	107	2.65	106	1	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.43	97	2.41	96	1	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.69	108	2.63	105	2	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.33	93	2.38	95	2	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.93	117	2.90	116	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.61	104	2.51	101	4	49 - 135	30	
1,2-Dibromoethane		2.50	2.28	91	2.31	92	1	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.59	104	2.64	106	2	74 - 120	30	
1,2-Dichloroethane		2.50	2.70	108	2.68	107	1	72 - 137	30	
1,2-Dichloropropane		2.50	2.62	105	2.56	102	2	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.84	114	2.86	114	0	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.61	104	2.60	104	0	72 - 124	30	
1,3-Dichloropropane		2.50	2.42	97	2.44	97	1	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.49	100	2.51	100	1	72 - 125	30	
1-Chlorohexane		2.50	2.29	92	2.31	92	1	60 - 135	30	
2,2-Dichloropropane		2.50	2.53	101	2.50	100	1	67 - 134	30	
2-Butanone		5.00	5.58	112	5.66	113	2	40 - 135	30	
2-Chlorotoluene		2.50	2.82	113	2.83	113	0	69 - 128	30	
4-Chlorotoluene		2.50	2.81	112	2.84	114	1	73 - 126	30	
4-Methyl-2-pentanone		5.00	5.11	102	5.24	105	3	47 - 147	30	
Acetone		5.00	6.66	133	6.62	132	1	40 - 141	30	
Benzene		2.50	2.64	105	2.62	105	0	73 - 126	30	
Bromobenzene		2.50	2.56	103	2.60	104	1	66 - 121	30	
Bromochloromethane		2.50	2.31	92	2.31	92	0	71 - 127	30	
Bromodichloromethane		2.50	2.68	107	2.68	107	0	72 - 128	30	
Bromoform		2.50	2.03	81	2.08	83	2	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11383 **MS ID:** LCS-11383 **MSD ID:** LCSD-11383

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.33	93	2.31	92	1	45 - 141	30	
Carbon tetrachloride		2.50	2.48	99	2.49	100	0	67 - 133	30	
Chlorobenzene		2.50	2.35	94	2.36	94	1	75 - 123	30	
Chloroethane		2.50	2.57	103	2.53	101	1	41 - 141	30	
Chloroform		2.50	2.58	103	2.55	102	1	72 - 124	30	
Chloromethane		2.50	2.65	106	2.66	106	0	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.46	98	2.48	99	1	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.73	109	2.67	107	2	72 - 126	30	
Dibromochloromethane		2.50	2.32	93	2.31	92	1	66 - 130	30	
Dibromomethane		2.50	2.49	100	2.52	101	1	73 - 128	30	
Dichlorodifluoromethane		2.50	2.60	104	2.60	104	0	34 - 136	30	
Ethylbenzene		2.50	2.52	101	2.54	102	1	74 - 127	30	
Hexachlorobutadiene		2.50	2.40	96	2.36	94	2	53 - 142	30	
Isopropylbenzene		2.50	2.91	116	2.92	117	0	77 - 129	30	
Methyl tert-butyl ether		2.50	2.66	106	2.70	108	1	50 - 135	30	
Methylene chloride		2.50	2.31	92	2.31	92	0	63 - 137	30	
n-Butylbenzene		2.50	2.84	114	2.82	113	1	65 - 138	30	
n-Propylbenzene		2.50	2.93	117	2.93	117	0	63 - 135	30	
Naphthalene		2.50	2.45	98	2.48	99	1	51 - 135	30	
o-Xylene		2.50	2.33	93	2.40	96	3	77 - 125	30	
p-Isopropyltoluene		2.50	2.90	116	2.87	115	1	75 - 133	30	
sec-Butylbenzene		2.50	2.95	118	2.94	117	1	63 - 132	30	
Styrene		2.50	2.09	84	2.13	85	2	74 - 128	30	
tert-Butylbenzene		2.50	2.76	110	2.75	110	0	65 - 132	30	
Tetrachloroethene		2.50	2.24	90	2.22	89	1	67 - 139	30	
Toluene		2.50	2.70	108	2.68	107	1	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.42	97	2.40	96	1	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.48	99	2.47	99	0	65 - 127	30	
Trichloroethene		2.50	2.58	103	2.50	100	3	77 - 124	30	
Trichlorofluoromethane		2.50	2.72	109	2.66	107	2	49 - 139	30	
Vinyl chloride		2.50	2.75	110	2.74	110	0	58 - 126	30	
Xylenes (total)		7.50	6.98	93	7.12	95	2	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11407 **MS ID:** LCS-11407 **MSD ID:** LCSD-11407

Calibration ID: 1078

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.01	100	5.04	101	0	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.68	107	2.62	105	2	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.39	95	2.45	98	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.40	96	2.36	94	1	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.61	104	2.59	104	1	62 - 127	30	
1,1-Dichloroethane		2.50	2.53	101	2.65	106	5	73 - 125	30	
1,1-Dichloroethene		2.50	2.60	104	2.69	108	3	65 - 136	30	
1,1-Dichloropropene		2.50	2.64	106	2.68	107	1	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.35	94	2.48	99	5	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.65	106	2.61	104	1	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.41	97	2.53	101	5	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.59	104	2.64	106	2	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.25	90	2.29	92	2	49 - 135	30	
1,2-Dibromoethane		2.50	2.57	103	2.58	103	0	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.50	100	2.57	103	3	74 - 120	30	
1,2-Dichloroethane		2.50	2.44	98	2.46	98	1	72 - 137	30	
1,2-Dichloropropane		2.50	2.59	104	2.60	104	0	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.56	102	2.64	106	3	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.47	99	2.52	101	2	72 - 124	30	
1,3-Dichloropropane		2.50	2.47	99	2.47	99	0	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.50	100	2.51	100	1	72 - 125	30	
1-Chlorohexane		2.50	2.73	109	2.70	108	1	60 - 135	30	
2,2-Dichloropropane		2.50	2.21	88	2.24	90	1	67 - 134	30	
2-Butanone		5.00	4.57	91	4.63	93	1	40 - 135	30	
2-Chlorotoluene		2.50	2.47	99	2.94	118	17	69 - 128	30	
4-Chlorotoluene		2.50	2.39	95	2.07	83	14	73 - 126	30	
4-Methyl-2-pentanone		5.00	5.04	101	4.96	99	2	47 - 147	30	
Acetone		5.00	4.11	82	4.21	84	3	40 - 141	30	
Benzene		2.50	2.51	100	2.54	102	1	73 - 126	30	
Bromobenzene		2.50	2.48	99	2.58	103	4	66 - 121	30	
Bromochloromethane		2.50	2.56	102	2.60	104	2	71 - 127	30	
Bromodichloromethane		2.50	2.45	98	2.50	100	2	72 - 128	30	
Bromoform		2.50	2.35	94	2.41	96	3	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11407 **MS ID:** LCS-11407 **MSD ID:** LCSD-11407

Calibration ID: 1078

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.39	96	2.48	99	4	45 - 141	30	
Carbon tetrachloride		2.50	2.44	97	2.49	100	2	67 - 133	30	
Chlorobenzene		2.50	2.43	97	2.51	100	3	75 - 123	30	
Chloroethane		2.50	2.60	104	2.56	102	2	41 - 141	30	
Chloroform		2.50	2.56	102	2.60	104	2	72 - 124	30	
Chloromethane		2.50	2.43	97	2.49	100	2	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.51	101	2.62	105	4	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.42	97	2.40	96	1	72 - 126	30	
Dibromochloromethane		2.50	2.41	97	2.41	96	0	66 - 130	30	
Dibromomethane		2.50	2.54	102	2.57	103	1	73 - 128	30	
Dichlorodifluoromethane		2.50	2.46	99	2.50	100	1	34 - 136	30	
Ethylbenzene		2.50	2.54	102	2.62	105	3	74 - 127	30	
Hexachlorobutadiene		2.50	2.56	103	2.67	107	4	53 - 142	30	
Isopropylbenzene		2.50	2.56	102	2.64	106	3	77 - 129	30	
Methyl tert-butyl ether		2.50	2.53	101	2.54	102	1	50 - 135	30	
Methylene chloride		2.50	2.44	98	2.33	93	5	63 - 137	30	
n-Butylbenzene		2.50	2.55	102	2.62	105	3	65 - 138	30	
n-Propylbenzene		2.50	2.64	106	2.73	109	3	63 - 135	30	
Naphthalene		2.50	2.37	95	2.36	94	0	51 - 135	30	
o-Xylene		2.50	2.58	103	2.61	104	1	77 - 125	30	
p-Isopropyltoluene		2.50	2.34	94	2.39	96	2	75 - 133	30	
sec-Butylbenzene		2.50	2.61	104	2.68	107	3	63 - 132	30	
Styrene		2.50	2.60	104	2.67	107	3	74 - 128	30	
tert-Butylbenzene		2.50	2.56	103	2.61	104	2	65 - 132	30	
Tetrachloroethene		2.50	2.60	104	2.62	105	1	67 - 139	30	
Toluene		2.50	2.64	106	2.64	105	0	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.54	102	2.56	102	1	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.36	94	2.33	93	1	65 - 127	30	
Trichloroethene		2.50	2.70	108	2.72	109	1	77 - 124	30	
Trichlorofluoromethane		2.50	2.58	103	2.63	105	2	49 - 139	30	
Vinyl chloride		2.50	1.80	72	2.31	92	24	58 - 126	30	
Xylenes (total)		7.50	7.60	101	7.64	102	1	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB39-01	0709160-001B	26-Sep-07	27-Sep-07	01-Oct-07	14	5.2	02-Oct-07	14	1	
AOC9-SB39-01	0709160-001BMS	26-Sep-07	27-Sep-07	01-Oct-07	14	5.2	02-Oct-07	14	0.8	
AOC9-SB39-01	0709160-001BMSD	26-Sep-07	27-Sep-07	01-Oct-07	14	5.2	02-Oct-07	14	0.9	
AOC9-SB29-02	0709160-008B	26-Sep-07	27-Sep-07	01-Oct-07	14	5.1	03-Oct-07	14	2.2	
AOC9-SB29-02 RA	0709160-008BRA	26-Sep-07	27-Sep-07	01-Oct-07	14	5.1	10-Oct-07	14	8.6	
AOC9-SB27-03	0709160-015B	26-Sep-07	27-Sep-07	01-Oct-07	14	5	01-Oct-07	14	0.4	
AOC9-SB27-03 DL	0709160-015BDL	26-Sep-07	27-Sep-07	01-Oct-07	14	5	03-Oct-07	14	2.2	
AOC9-SB30-02	0709160-020B	26-Sep-07	27-Sep-07	01-Oct-07	14	4.9	01-Oct-07	14	0.4	
AOC9-SB30-02 DL	0709160-020BDL	26-Sep-07	27-Sep-07	01-Oct-07	14	4.9	03-Oct-07	14	2.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11241

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB26-02	0709160-017A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5	
AOC9-SB26-03	0709160-018A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5	
AOC9-SB30-03	0709160-021A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11283

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB26-02 DL	0709160-017ADL	26-Sep-07	27-Sep-07	02-Oct-07			02-Oct-07	14	6.2	
AOC9-SB30-01	0709160-019A	26-Sep-07	27-Sep-07	02-Oct-07			02-Oct-07	14	6.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11297

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB39-02	0709160-004A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5.3	
AOC9-SB41-01	0709160-005A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5.2	
AOC9-SB41-02	0709160-006A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5.5	
AOC9-SB29-01	0709160-007A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5.2	
AOC9-SB28-03	0709160-012A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5.3	
AOC9-SB27-02	0709160-014A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5.3	
AOC9-SB26-01	0709160-016A	26-Sep-07	27-Sep-07	01-Oct-07			01-Oct-07	14	5.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB28-02 DL	0709160-011ADL	26-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	7.3	
AOC9-SB27-01	0709160-013A	26-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	7.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11327

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB29-03	0709160-009A	26-Sep-07	27-Sep-07	02-Oct-07			02-Oct-07	14	6.4	
AOC9-SB28-01	0709160-010A	26-Sep-07	27-Sep-07	02-Oct-07			02-Oct-07	14	6.3	
AOC9-SB28-02	0709160-011A	26-Sep-07	27-Sep-07	02-Oct-07			02-Oct-07	14	6.3	
AOC9-SB26-01 RA	0709160-016ARA	26-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	6.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11 **Calibration ID:** 1060

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
ICAL 0.3 PPB	ICAL 0.3 PPB	25-Sep-07	10:50	25-Sep-07	11:23
ICAL 0.5 PPB	ICAL 0.5 PPB	25-Sep-07	11:23	25-Sep-07	11:56
ICAL 2.0 PPB	ICAL 2.0 PPB	25-Sep-07	11:56	25-Sep-07	12:30
ICAL 10 PPB	ICAL 10 PPB	25-Sep-07	12:30	25-Sep-07	13:03
ICAL 20 PPB	ICAL 20 PPB	25-Sep-07	13:03	25-Sep-07	13:36
ICAL 30 PPB	ICAL 30 PPB	25-Sep-07	13:36	25-Sep-07	14:10
ICAL 40 PPB	ICAL 40 PPB	25-Sep-07	14:10	25-Sep-07	15:17
ICV-11177	ICV-11177	25-Sep-07	15:17	25-Sep-07	15:17
TB100107A1	TB100107A1	01-Oct-07	13:13	01-Oct-07	13:42
CCV-11383	CCV-11383	01-Oct-07	13:42	01-Oct-07	14:16
LCS-11383	LCS-11383	01-Oct-07	14:16	01-Oct-07	14:50
LCSD-11383	LCSD-11383	01-Oct-07	14:50	01-Oct-07	15:57
MB-11383	MB-11383	01-Oct-07	15:57	01-Oct-07	18:10
MB-6271	MB-6271	01-Oct-07	18:10	01-Oct-07	22:37
MB-6271	MB-6271	01-Oct-07	18:10	01-Oct-07	18:10
AOC9-SB27-03	0709160-015B	01-Oct-07	22:37	01-Oct-07	23:10
AOC9-SB30-02	0709160-020B	01-Oct-07	23:10	01-Oct-07	23:10
TB100207A1	TB100207A1	02-Oct-07	8:38	02-Oct-07	9:08
CCV-11324	CCV-11324	02-Oct-07	9:08	02-Oct-07	9:41
LCS-11324	LCS-11324	02-Oct-07	9:41	02-Oct-07	10:14
AOC9-SB39-01	0709160-001BMS	02-Oct-07	10:14	02-Oct-07	10:48
AOC9-SB39-01	0709160-001BMSD	02-Oct-07	10:48	02-Oct-07	11:55
MB-11324	MB-11324	02-Oct-07	11:55	02-Oct-07	14:08
AOC9-SB39-01	0709160-001B	02-Oct-07	14:08	02-Oct-07	14:08
TB100307A1	TB100307A1	03-Oct-07	8:07	03-Oct-07	8:37
CCV-11365	CCV-11365	03-Oct-07	8:37	03-Oct-07	9:10
LCS-11365	LCS-11365	03-Oct-07	9:10	03-Oct-07	9:43
LCSD-11365	LCSD-11365	03-Oct-07	9:43	03-Oct-07	10:50
MB-11365	MB-11365	03-Oct-07	10:50	03-Oct-07	18:05
AOC9-SB29-02	0709160-008B	03-Oct-07	18:05	03-Oct-07	19:46
AOC9-SB27-03 DL	0709160-015BDL	03-Oct-07	19:46	03-Oct-07	20:20
AOC9-SB30-02 DL	0709160-020BDL	03-Oct-07	20:20	03-Oct-07	20:20

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS02_12 **Calibration ID:** 1038

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB082107A2	TB082107A2	21-Aug-07	8:30	21-Aug-07	9:07
ICAL 2.0 PPB	ICAL 2.0 PPB	21-Aug-07	9:07	21-Aug-07	9:46
ICAL 5.0 PPB	ICAL 5.0 PPB	21-Aug-07	9:46	21-Aug-07	10:24
ICAL 20 PPB	ICAL 20 PPB	21-Aug-07	10:24	21-Aug-07	11:02
ICAL 50 PPB	ICAL 50 PPB	21-Aug-07	11:02	21-Aug-07	11:41
ICAL 100 PPB	ICAL 100 PPB	21-Aug-07	11:41	21-Aug-07	12:21
ICAL 150 PPB	ICAL 150 PPB	21-Aug-07	12:21	21-Aug-07	12:59
ICAL 200 PPB	ICAL 200 PPB	21-Aug-07	12:59	21-Aug-07	14:16
ICV-10821	ICV-10821	21-Aug-07	14:16	21-Aug-07	14:16
TB100107A2	TB100107A2	01-Oct-07	10:47	01-Oct-07	11:20
CCV-11297	CCV-11297	01-Oct-07	11:20	01-Oct-07	12:11
LCS-11297	LCS-11297	01-Oct-07	12:11	01-Oct-07	12:49
LCSD-11297	LCSD-11297	01-Oct-07	12:49	01-Oct-07	14:08
MB-11297	MB-11297	01-Oct-07	14:08	01-Oct-07	14:46
AOC9-SB39-02	0709160-004A	01-Oct-07	14:46	01-Oct-07	15:24
AOC9-SB41-01	0709160-005A	01-Oct-07	15:24	01-Oct-07	16:41
AOC9-SB29-01	0709160-007A	01-Oct-07	16:41	01-Oct-07	19:52
AOC9-SB28-03	0709160-012A	01-Oct-07	19:52	01-Oct-07	21:09
AOC9-SB27-02	0709160-014A	01-Oct-07	21:09	01-Oct-07	21:47
AOC9-SB26-01	0709160-016A	01-Oct-07	21:47	01-Oct-07	22:26
AOC9-SB41-02	0709160-006A	01-Oct-07	22:26	01-Oct-07	22:26
TB100207A2	TB100207A2	02-Oct-07	11:09	02-Oct-07	11:43
CCV-11327	CCV-11327	02-Oct-07	11:43	02-Oct-07	12:25
LCS-11327	LCS-11327	02-Oct-07	12:25	02-Oct-07	13:04
LCSD-11327	LCSD-11327	02-Oct-07	13:04	02-Oct-07	14:20
MB-11327	MB-11327	02-Oct-07	14:20	02-Oct-07	20:06
AOC9-SB29-03	0709160-009A	02-Oct-07	20:06	02-Oct-07	20:44
AOC9-SB28-01	0709160-010A	02-Oct-07	20:44	02-Oct-07	21:23
AOC9-SB28-02	0709160-011A	02-Oct-07	21:23	03-Oct-07	4:11
AOC9-SB26-01 RA	0709160-016ARA	03-Oct-07	4:11	03-Oct-07	4:11

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS02_12 **Calibration ID:** 1078

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB100907A2	TB100907A2	09-Oct-07	10:05	09-Oct-07	11:12
ICAL 0.3 ppb	ICAL 0.3 ppb	09-Oct-07	11:12	09-Oct-07	11:50
ICAL 0.5 ppb	ICAL 0.5 ppb	09-Oct-07	11:50	09-Oct-07	12:29
ICAL 2.0 ppb	ICAL 2.0 ppb	09-Oct-07	12:29	09-Oct-07	13:07
ICAL 10 ppb	ICAL 10 ppb	09-Oct-07	13:07	09-Oct-07	13:45
ICAL 20 ppb	ICAL 20 ppb	09-Oct-07	13:45	09-Oct-07	14:24
ICAL 30 ppb	ICAL 30 ppb	09-Oct-07	14:24	09-Oct-07	15:02
ICAL 40 ppb	ICAL 40 ppb	09-Oct-07	15:02	09-Oct-07	16:19
ICV-11406	ICV-11406	09-Oct-07	16:19	09-Oct-07	16:19
TB100907B2	TB100907B2	09-Oct-07	17:56	09-Oct-07	18:26
CCV-11407	CCV-11407	09-Oct-07	18:26	09-Oct-07	19:04
LCS-11407	LCS-11407	09-Oct-07	19:04	09-Oct-07	19:42
LCSD-11407	LCSD-11407	09-Oct-07	19:42	09-Oct-07	20:59
MB-11407	MB-11407	09-Oct-07	20:59	10-Oct-07	4:01
AOC9-SB29-02 RA	0709160-008BRA	10-Oct-07	4:01	10-Oct-07	4:01

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10 **Calibration ID:** 1056

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB091407A3	TB091407A3	14-Sep-07	4:33	14-Sep-07	5:11
ICAL 2.0PPB	ICAL 2.0PPB	14-Sep-07	5:11	14-Sep-07	5:47
ICAL 5.0PPB	ICAL 5.0PPB	14-Sep-07	5:47	14-Sep-07	6:57
ICAL 50.0PPB	ICAL 50.0PPB	14-Sep-07	6:57	14-Sep-07	7:31
ICAL 100.0PP	ICAL 100.0PPB	14-Sep-07	7:31	14-Sep-07	8:05
ICAL 150.0PP	ICAL 150.0PPB	14-Sep-07	8:05	14-Sep-07	8:39
ICAL 200.0PP	ICAL 200.0PPB	14-Sep-07	8:39	14-Sep-07	13:49
ICAL 20.0PPB	ICAL 20.0PPB	14-Sep-07	13:49	17-Oct-07	11:46
TB100107A3	TB100107A3	01-Oct-07	7:43	01-Oct-07	8:19
CCV-11241	CCV-11241	01-Oct-07	8:19	01-Oct-07	9:12
LCS-11241	LCS-11241	01-Oct-07	9:12	01-Oct-07	9:49
LCSD-11241	LCSD-11241	01-Oct-07	9:49	01-Oct-07	11:39
MB-11241	MB-11241	01-Oct-07	11:39	01-Oct-07	15:07
AOC9-SB26-02	0709160-017A	01-Oct-07	15:07	01-Oct-07	15:41
AOC9-SB26-03	0709160-018A	01-Oct-07	15:41	01-Oct-07	16:49
AOC9-SB30-03	0709160-021A	01-Oct-07	16:49	01-Oct-07	16:49
TB100207A3	TB100207A3	02-Oct-07	13:06	02-Oct-07	13:40
CCV-11283	CCV-11283	02-Oct-07	13:40	02-Oct-07	14:20
LCS-11283	LCS-11283	02-Oct-07	14:20	02-Oct-07	14:54
LCSD-11283	LCSD-11283	02-Oct-07	14:54	02-Oct-07	16:02
MB-11283	MB-11283	02-Oct-07	16:02	02-Oct-07	18:53
AOC9-SB30-01	0709160-019A	02-Oct-07	18:53	02-Oct-07	20:02
AOC9-SB26-02 DL	0709160-017ADL	02-Oct-07	20:02	02-Oct-07	20:02
TB100307A3	TB100307A3	03-Oct-07	10:19	03-Oct-07	10:55
CCV-11301	CCV-11301	03-Oct-07	10:55	03-Oct-07	11:35
LCS-11301	LCS-11301	03-Oct-07	11:35	03-Oct-07	12:10
LCSD-11301	LCSD-11301	03-Oct-07	12:10	03-Oct-07	13:18
MB-11301	MB-11301	03-Oct-07	13:18	03-Oct-07	16:43
AOC9-SB27-01	0709160-013A	03-Oct-07	16:43	03-Oct-07	20:09
AOC9-SB28-02 DL	0709160-011ADL	03-Oct-07	20:09	03-Oct-07	20:09
ICV-11072	ICV-11072	17-Oct-07	11:46	17-Oct-07	11:46

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_070821A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	8/21/2007 8:30:00 AM
Initial Calibration ID:	1038	**File ID:**	C:\HPCHEM\1\DATA\M1976.D
Compound:	SW8260B	**Sample ID:**	TB082107A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.7	
75	30 - 60% of m/z 95	53.7	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.1	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	60.6	
175	5 - 9% of m/z 174	7.5	
176	Greater than 95% but less than 101% of m/z 174	97.0	
177	5 - 9% of m/z 176	5.3	

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ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_071002A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	10/1/2007 10:47:00 AM
Initial Calibration ID:	1038	**File ID:**	C:\HPCHEM\1\DATA\M2631.D
Compound:	SW8260B	**Sample ID:**	TB100107A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.9	
75	30 - 60% of m/z 95	52.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	64.8	
175	5 - 9% of m/z 174	6.5	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_071002C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	10/2/2007 11:09:00 AM
Initial Calibration ID:	1038	**File ID:**	C:\HPCHEM\1\DATA\M2651.D
Compound:	SW8260B	**Sample ID:**	TB100207A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.4	
75	30 - 60% of m/z 95	50.7	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	66.9	
175	5 - 9% of m/z 174	6.6	
176	Greater than 95% but less than 101% of m/z 174	99.8	
177	5 - 9% of m/z 176	6.3	

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ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070925A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	9/25/2007 9:44:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0468.D
Compound:	SW8260B	**Sample ID:**	TB092507A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.3	
75	30 - 60% of m/z 95	53.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	70.2	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	97.9	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071001D
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/1/2007 1:13:00 PM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0612.D
Compound:	SW8260B	**Sample ID:**	TB100107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	24.5	
75	30 - 60% of m/z 95	56.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.8	
174	Greater than 50% of m/z 95	70.4	
175	5 - 9% of m/z 174	6.4	
176	Greater than 95% but less than 101% of m/z 174	95.4	
177	5 - 9% of m/z 176	6.1	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071002C
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/2/2007 8:38:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0634.D
Compound:	SW8260B	**Sample ID:**	TB100207A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.6	
75	30 - 60% of m/z 95	55.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.1	
173	Less than 2% of m/z 174	0.2	
174	Greater than 50% of m/z 95	70.5	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	95.3	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071003B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/3/2007 8:07:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0657.D
Compound:	SW8260B	**Sample ID:**	TB100307A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	23.2	
75	30 - 60% of m/z 95	56.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.3	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	68.2	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	97.4	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_071009A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	10/9/2007 10:05:00 AM
Initial Calibration ID:	1078	**File ID:**	C:\HPCHEM\1\DATA\M2774.D
Compound:	SW8260B	**Sample ID:**	TB100907A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	26.9	
75	30 - 60% of m/z 95	55.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.1	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	57.6	
175	5 - 9% of m/z 174	6.6	
176	Greater than 95% but less than 101% of m/z 174	99.2	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_071009B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	10/9/2007 5:56:00 PM
Initial Calibration ID:	1078	**File ID:**	C:\HPCHEM\1\DATA\M2784.D
Compound:	SW8260B	**Sample ID:**	TB100907B2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	26.5	
75	30 - 60% of m/z 95	53.7	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	62.8	
175	5 - 9% of m/z 174	6.9	
176	Greater than 95% but less than 101% of m/z 174	97.0	
177	5 - 9% of m/z 176	6.0	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070914A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	9/14/2007 4:33:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4289.D
Compound:	SW8260B	**Sample ID:**	TB091407A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.5	
75	30 - 60% of m/z 95	51.3	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	78.8	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.7	
177	5 - 9% of m/z 176	6.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071001A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/1/2007 7:43:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4591.D
Compound:	SW8260B	**Sample ID:**	TB100107A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.6	
75	30 - 60% of m/z 95	55.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	80.1	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.4	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071002A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/2/2007 1:06:00 PM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4613.D
Compound:	SW8260B	**Sample ID:**	TB100207A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.5	
75	30 - 60% of m/z 95	55.0	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	77.1	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.9	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071003A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/3/2007 10:19:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4636.D
Compound:	SW8260B	**Sample ID:**	TB100307A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.3	
75	30 - 60% of m/z 95	51.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	78.1	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	96.5	
177	5 - 9% of m/z 176	6.4	

Wet Chemistry Data

Life Science Laboratories, Inc.

Date: *03-Oct-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0709160
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB39-01	0709160-001C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	15.1
AOC9-SB39-02	0709160-004C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	13.6
AOC9-SB41-01	0709160-005C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	15.8
AOC9-SB41-02	0709160-006C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	16.7
AOC9-SB29-01	0709160-007C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	8.70
AOC9-SB29-02	0709160-008C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	16.5
AOC9-SB29-03	0709160-009C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	16.3
AOC9-SB28-01	0709160-010C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	13.4
AOC9-SB28-02	0709160-011C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	15.4
AOC9-SB28-03	0709160-012C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	13.9
AOC9-SB27-01	0709160-013C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	5.60
AOC9-SB27-02	0709160-014C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	14.1
AOC9-SB27-03	0709160-015C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	14.9
AOC9-SB26-01	0709160-016C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	5.70
AOC9-SB26-02	0709160-017C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	8.80
AOC9-SB26-03	0709160-018C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	14.6
AOC9-SB30-01	0709160-019C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	6.70
AOC9-SB30-02	0709160-020C	wt%	9/26/2007	9/27/2007	9/27/2007	R11226	15.9
AOC9-SB30-03	0709160-021C	wt%	9/26/2007	9/27/2007	10/1/2007	R11284	15.5

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G
Work Order: 0709160
Project: Griffiss AFB

CLIENT: Ecology & Environment, Inc.

Sample ID: **0709160-001CDUP** SampType: **DUP** TestCode: **PMOIST** Units: **wt%** Prep Date: RunNo: **11226**
Client ID: **AOC9-SB39-01** Batch ID: **R11226** Method: **SM 2540 G** Analysis Date: **9/27/2007** SeqNo: **305884**
Instrument: ColumnID:

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	15.2	1.00						15.1	0.7	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	
ND	Not Detected at the Practical Quantitation Limit (PQL)	
U	Not Detected at the MDC or RL	
E	Value exceeds the instrument calibration range	
R	RPD exceeds accepted precision limit	
J	Analyte detected below the PQL	
S	Spike Recovery outside accepted recovery limits	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G

Work Order: 0709160

CLIENT: Ecology & Environment, Inc.

Project: Griffiss AFB

Sample ID: **0709160-020CDUP**	SampType: **DUP**	TestCode: **PMOIST**	Units: **wt%**	Prep Date:		RunNo:	**11226**
Client ID: **AOC9-SB30-02**	Batch ID: **R11226**	Method: **SM 2540 G**		Analysis Date: **9/27/2007**		SeqNo:	**305902**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	16.4	1.00						15.9	3.1	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories - Brittonfield

Percent Moisture DataSheet SM 2540 G

Analysis Date:	September 27, 2007
Batch ID:	R11226
LOQ/RL/PQL	1

Instrument ID:	Denver APX-200

#	LSL ID	Client ID	Sample Type		Dish Wt (g)	Dish Wt + Wet Samp (g)	Dish Wt +Dried Samp (g)		% Moisture	Dish Wt +Ashed Samp @ 550°C (g)		% Volatile Solids
1	CONTROL				1.2780		1.2769					
2	0709160-001C	E & E	SAMP		1.2740	7.7811	6.7966		15.13			
3	0709160-001CDUP	E & E	DUP		1.2739	7.5160	6.5646		15.24			
4	0709160-004C	E & E	SAMP		1.2702	8.0161	7.1007		13.57			
5	0709160-005C	E & E	SAMP		1.2945	7.0994	6.1800		15.84			
6	0709160-006C	E & E	SAMP		1.2836	7.2198	6.2265		16.73			
7	0709160-007C	E & E	SAMP		1.2917	7.2378	6.7183		8.74			
8	0709160-008C	E & E	SAMP		1.2942	8.0553	6.9399		16.50			
9	0709160-009C	E & E	SAMP		1.2852	8.4612	7.2898		16.32			
10	0709160-010C	E & E	SAMP		1.2864	7.4593	6.6311		13.42			
11	0709160-011C	E & E	SAMP		1.2887	8.0656	7.0225		15.39			
12	0709160-012C	E & E	SAMP		1.2793	8.6492	7.6220		13.94			
13	0709160-013C	E & E	SAMP		1.2779	7.2480	6.9142		5.59			
14	0709160-014C	E & E	SAMP		1.2827	7.0747	6.2597		14.07			
15	0709160-015C	E & E	SAMP		1.2709	8.7465	7.6354		14.86			
16	0709160-016C	E & E	SAMP		1.2874	7.1351	6.7998		5.73			
17	0709160-017C	E & E	SAMP		1.2929	8.7875	8.1273		8.81			
18	0709160-018C	E & E	SAMP		1.2990	7.8351	6.8793		14.62			
19	0709160-019C	E & E	SAMP		1.2895	7.2820	6.8806		6.70			
20	0709160-020C	E & E	SAMP		1.2869	8.2123	7.1103		15.91			
21	0709160-020CDUP	E & E	DUP		1.2861	8.1700	7.0398		16.42			
22												
23												
24												
25												
26												
27												
28												
29												
30												

DP 9/27/07

Comments:

	Weight #1
Time on:	3:00
Oven Temp on:	103.0°C
Time Off:	8:15
Oven Temp off:	100.0°C
Oven Date Off:	09/28/07

Prep Start Date:	09/27/07
Prep Start Time:	1:30:00
Prep End Time:	2:30:00
Analyte	PMOIST

Analyst: Neena Prasad

Date: 9/27/07

Reviewed by: [signature]

Date: 9/28/07

QA Auth | Calc SEQ | Rslts

VAL	SeqNo	SamplD	SampType	Analyte	Final Wt	RawVal	CalcVal	TextRslt	Qual
☑	305883	0709160-001C	SAMP	Percent Moisture	0	15.1	15.1		
☑	305884	0709160-001CDUP	DUP	Percent Moisture	0	15.2	15.2		
☑	305885	0709160-004C	SAMP	Percent Moisture	0	13.6	13.6		
☑	305886	0709160-005C	SAMP	Percent Moisture	0	15.8	15.8		
☑	305887	0709160-006C	SAMP	Percent Moisture	0	16.7	16.7		
☑	305888	0709160-007C	SAMP	Percent Moisture	0	8.7	8.7		
☑	305889	0709160-008C	SAMP	Percent Moisture	0	16.5	16.5		
☑	305890	0709160-009C	SAMP	Percent Moisture	0	16.3	16.3		
☑	305891	0709160-010C	SAMP	Percent Moisture	0	13.4	13.4		
☑	305892	0709160-011C	SAMP	Percent Moisture	0	15.4	15.4		
☑	305893	0709160-012C	SAMP	Percent Moisture	0	13.9	13.9		
☑	305894	0709160-013C	SAMP	Percent Moisture	0	5.6	5.6		
☑	305895	0709160-014C	SAMP	Percent Moisture	0	14.1	14.1		
☑	305896	0709160-015C	SAMP	Percent Moisture	0	14.9	14.9		
☑	305897	0709160-016C	SAMP	Percent Moisture	0	5.7	5.7		
☑	305898	0709160-017C	SAMP	Percent Moisture	0	8.8	8.8		
☑	305899	0709160-018C	SAMP	Percent Moisture	0	14.6	14.6		
☑	305900	0709160-019C	SAMP	Percent Moisture	0	6.7	6.7		
☑	305901	0709160-020C	SAMP	Percent Moisture	0	15.9	15.9		
☑	305902	0709160-020CDUP	DUP	Percent Moisture	0	16.4	16.4		

DF
9/27/07

Life Science Laboratories - Brittonfield

Percent Moisture DataSheet SM 2540 G

Analysis Date:	October 1, 2007
Batch ID:	R112384
LOQ/RL/PQL	1

Instrument ID:	Denver APX-200

#	LSL ID	Client ID	Sample Type		Dish Wt (g)	Dish Wt + Wet Samp (g)	Dish Wt +Dried Samp (g)		% Moisture	Dish Wt +Ashed Samp @ 550°C (g)		% Volatile Solids
1	CONTROL				1.2917		1.2917		—			
2	0709160-021C	E & E	SAMP		1.2911	14.1143	12.1286		15.49			
3	0710003-001B	[redacted]	SAMP		1.2990	12.3940	11.0571		12.05			
4	0710003-002B	[redacted]	SAMP		1.2821	12.3653	11.4798		7.99			
5	0710003-002BDUP	[redacted]	DUP		1.2842	11.7773	10.9234		8.14			
6	0710012-001A	[redacted]	SAMP		1.2958	12.8559	10.3138		21.99			
7	0710012-002A	[redacted]	SAMP		1.2930	11.0076	9.4344		16.19			
8												
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30												

	Weight #1
Time on:	18:40
Oven Temp on:	103.0°C
Time Off:	7:00
Oven Temp off:	103.0°C
Oven Date Off:	10/02/07

Prep Start Date:	10/01/07
Prep Start Time:	18:15:00
Prep End Time:	18:40:00
Analyte	PMOIST

MM 10/3/07

Comments:

Analyst: Heidi Kujak

Date: 10-2-07

Reviewed by: MM

Date: 10-3-07

DATA IMPUT By JK 10/2/07

QA Auth | Calc SEQ | Rslts

VAL	SeqNo	SampID	SampType	Analyte	RawVal	CalcVal	Qual	Tare Wt
☑	306741	0709160-021C	SAMP	Percent Moisture	15.5	15.5		0
☑	306742	0710003-001B	SAMP	Percent Moisture	12	12		0
☑	306743	0710003-002B	SAMP	Percent Moisture	8	8		0
☑	306744	0710003-002BDUP	DUP	Percent Moisture	8.1	8.1		0
☑	306745	0710012-001A	SAMP	Percent Moisture	22	22		0
☑	306746	0710012-002A	SAMP	Percent Moisture	16.2	16.2		0

gc
10/2/07

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Friday, October 19, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0709164

Dear Robert Meyers:

Life Science Laboratories, Inc. received 8 sample(s) on 9/27/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperature of the cooler was 2°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Percent Moisture	ASTM D2216	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E&E
Project/Order:	Griffiss AFB
Work Order #:	0709164
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): 10/19/07

Supervisor/Reviewed by (Initials/Date): for mV 10/19/07

QA/QC Review (Initials/Date): MS 10/19/07

File Name: G:\Narratives\MSVoa\0709164msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-502.2, 105 m x 0.53 mm ID and Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column, both with a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples were unpreserved.

Laboratory Control Sample
The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS-11301	1,1-Dichloroethene	1
LCSD-11365	Several	2

1 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples. The duplicate LCS met acceptance limits. No corrective action was taken.

2 The recoveries exceeded upper control limits and were detected above the RL in some of the associated samples. The samples were re-analyzed with passing LCS/LCSD. Both sets of data are included. The primary LCS met acceptance limits.

Surrogate Standards
Many samples failed surrogate criteria due to the presence of a fuel pattern in their matrix. Most of the samples were re-analyzed at higher dilutions, which confirmed the failures and the fuel pattern. No corrective action was taken.

Internal Standards
The internal standard area for the following sample(s) did not meet abundance criteria:

Sample Description	Sample #	Internal Standard	Corrective Action
AOC9-SB31-01	0709164-001A	1,4-Dichlorobenzene-d4	1

1 The recovery was confirmed by analysis of the sample at the same dilution. Both sets of data are reported. No further corrective action was taken.

Client: E&E
Project/Order: Griffiss AFB
Work Order #: 0709164
Methodology: 8260B

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-11301	MS3	Bromomethane	-32.4		1
		Chloroethane	-44.7		1
		Trichlorofluoromethane	-67.5		1
		Acetone	26.0		3
		2-Butanone	25.5		3
		1,3,5-Trimethylbenzene	-21.9		4
CCV-11322	MS3	Dichlorodifluoromethane	22.7		2
		Chloromethane	22.9		2
		Chloroethane	-44.7		1
		Trichlorofluoromethane	-54.7		1
		p-Isopropyltoluene	-23.2		1
		Acetone	35.9		5
		2-Butanone	32.7		5
		1,3,5-Trimethylbenzene	-23.4		4
CCV-11383	MS1	Isopropylbenzene	-20.7		2
		n-Propylbenzene	-22.7		2
		1,2,4-Trimethylbenzene	-20.7		2
		sec-Butylbenzene	-24.2		2
		p-Isopropyltoluene	-22.0		2
CCV-11407	MS2	Chloroethane	-21.4		1

1 The recovery exceeded the upper control limit and was not detected above the RL in the associated samples, which is allowed by project variance. No corrective action was taken.

2 The recovery marginally exceeded the lower control limit and was not detected above the RL in the associated samples. No corrective action was taken.

3 Project variance allows plus or minus 30% drift. No corrective action taken.

4 The recovery exceeded the upper control limit and was detected above the RL in the associated samples. Results may be biased high. No corrective action was taken.

5 The recovery exceeded the lower control limit and was not detected above the RL in the associated samples. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Client:	E&E
Project/Order:	Griffiss AFB
Work Order #:	0709164
Methodology:	8260B

Miscellaneous

1,2,4-trimethylbenzene was detected in sample AOC9-SB42-02 [0709164-008A] and is suspected carryover from a previous sample. The sample was reanalyzed; 1,2,4-trimethylbenzene was not detected in the reanalysis.

Life Science Laboratories, Inc.

Date: *19-Oct-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0709164

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0709164-001A	AOC9-SB31-01		9/27/2007	9/27/2007
0709164-001B	AOC9-SB31-01		9/27/2007	9/27/2007
0709164-001C	AOC9-SB31-01		9/27/2007	9/27/2007
0709164-002A	AOC9-SB31-02		9/27/2007	9/27/2007
0709164-002B	AOC9-SB31-02		9/27/2007	9/27/2007
0709164-002C	AOC9-SB31-02		9/27/2007	9/27/2007
0709164-003A	AOC9-SB31-03		9/27/2007	9/27/2007
0709164-003B	AOC9-SB31-03		9/27/2007	9/27/2007
0709164-003C	AOC9-SB31-03		9/27/2007	9/27/2007
0709164-004A	AOC9-SB32-01		9/27/2007	9/27/2007
0709164-004B	AOC9-SB32-01		9/27/2007	9/27/2007
0709164-004C	AOC9-SB32-01		9/27/2007	9/27/2007
0709164-005A	AOC9-SB32-02		9/27/2007	9/27/2007
0709164-005B	AOC9-SB32-02		9/27/2007	9/27/2007
0709164-005C	AOC9-SB32-02		9/27/2007	9/27/2007
0709164-006A	AOC9-SB32-03		9/27/2007	9/27/2007
0709164-006B	AOC9-SB32-03		9/27/2007	9/27/2007
0709164-006C	AOC9-SB32-03		9/27/2007	9/27/2007
0709164-007A	AOC9-SB42-01		9/27/2007	9/27/2007
0709164-007B	AOC9-SB42-01		9/27/2007	9/27/2007
0709164-007C	AOC9-SB42-01		9/27/2007	9/27/2007
0709164-008A	AOC9-SB42-02		9/27/2007	9/27/2007
0709164-008B	AOC9-SB42-02		9/27/2007	9/27/2007
0709164-008C	AOC9-SB42-02		9/27/2007	9/27/2007

Lab Order: 0709164
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0709164-001A	AOC9-SB31-01	9/27/2007 8:10:00 AM	Soil	Volatile Organic Compounds by GC/MS			10/4/2007
				Volatile Organic Compounds by GC/MS			10/3/2007
0709164-001C				Percent Moisture			9/27/2007
0709164-002B	AOC9-SB31-02	9/27/2007 8:30:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/3/2007
				Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/10/2007
0709164-002C				Percent Moisture			9/27/2007
0709164-003A	AOC9-SB31-03	9/27/2007 8:45:00 AM		Volatile Organic Compounds by GC/MS			10/3/2007
0709164-003C				Percent Moisture			9/27/2007
0709164-004A	AOC9-SB32-01	9/27/2007 9:30:00 AM		Volatile Organic Compounds by GC/MS			10/3/2007
0709164-004C				Percent Moisture			9/27/2007
0709164-005B	AOC9-SB32-02	9/27/2007 9:35:00 AM		Volatile Organic Compounds by GC/MS - MeOH Extract		10/1/2007	10/10/2007
0709164-005C				Percent Moisture			9/27/2007
0709164-006A	AOC9-SB32-03	9/27/2007 9:48:00 AM		Volatile Organic Compounds by GC/MS			10/3/2007
0709164-006C				Percent Moisture			9/27/2007
0709164-007A	AOC9-SB42-01	9/27/2007 10:30:00 AM		Volatile Organic Compounds by GC/MS			10/3/2007
				Volatile Organic Compounds by GC/MS			10/4/2007
0709164-007C				Percent Moisture			9/27/2007
0709164-008A	AOC9-SB42-02	9/27/2007 10:40:00 AM		Volatile Organic Compounds by GC/MS			10/3/2007
				Volatile Organic Compounds by GC/MS			10/4/2007
0709164-008C				Percent Moisture			9/27/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # 716-684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs (Sgnum 8260+TCL+Oxy)	PCB's				Depth Ft.	Readings PPM FID	Comments	Readings PPM PID
AOC9-SB31-01	9/27/07	0810	Soil	Grab	5	4	1				6.3-6.7	84		4.1
AOC9-SB31-02		0830			5	4	1				16.3-16.7	3,248		671
AOC9-SB31-03		0845			5	4	1				22.3-22.7	63		5.6
AOC9-SB32-01		0930			5	4	1				12.3-12.6	0		0
AOC9-SB32-02		0935			5	4	1				17.3-17.7	1,021		540
AOC9-SB32-03		0948			5	4	1				21.1-21.5	0		0
AOC9-SB42-01		1030			5	4	1				10.8-11.2	184		13.4
AOC9-SB42-02	9/27/07	1040	Soil	Grab	5	4	1				17.3-17.7	24.4		1.2

Relinquished by:	Date: 9/27/07	Time: 1240	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab: Monika Sandercock	Date: 9/27/07	Time: 1240 pm
Shipment Method:			Airbill Number:		

Turnaround Time Required:
Routine
Rush (Specify) 1 Week

Temperature: 2°C

Comments:

6

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E**

Date and Time Received: **9/27/2007 12:40:00 PM**

Work Order Number **0709164**

Received by: ads

Checklist completed by: _____ Initials 9/27/07 Date

Reviewed by: MS Initials 9/27/07 Date

Matrix: Carrier name: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E&E Griffiss AFB 0709164

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0709164-001, 003, 004 (006→008A)	A		ABM	10/2/07 14:00	8260	10/2/07 15:00
0709164-001→008	C		MT for DP	9/27/07 13:00	PMOIST	9/27/07 15:00

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: 6271

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB31-02	0709164-002B
AOC9-SB31-02 DL	0709164-002BDL
AOC9-SB32-02	0709164-005B

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/19/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB31-01	0709164-001A
AOC9-SB31-03	0709164-003A
AOC9-SB32-01	0709164-004A
AOC9-SB32-03	0709164-006A
AOC9-SB42-01	0709164-007A
AOC9-SB42-02	0709164-008A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/19/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R11322

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-SB31-01 RA	0709164-001ARA
AOC9-SB42-01 DL	0709164-007ADL
AOC9-SB42-02 RA	0709164-008ARA

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/19/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-01	**Lab Sample ID:**	0709164-001A	**Matrix:**	Soil
% Solids:	89.90	**Initial Calibration ID:**	1056	**File ID:**	J4651.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00072	0.0278	0.00072	5		U
1,1,1,2-Tetrachloroethane	0.00089	0.0167	0.00089	5		U
1,1,1-Trichloroethane	0.00078	0.0278	0.00078	5		U
1,1,2,2-Tetrachloroethane	0.00078	0.0167	0.00078	5		UQ
1,1,2-Trichloroethane	0.00139	0.0278	0.00139	5		U
1,1-Dichloroethane	0.00044	0.0278	0.00044	5		U
1,1-Dichloroethene	0.00083	0.0334	0.00083	5		U
1,1-Dichloropropene	0.00106	0.0278	0.00106	5		U
1,2,3-Trichlorobenzene	0.00228	0.0278	0.00228	5		UQ
1,2,3-Trichloropropane	0.00128	0.0278	0.00128	5		UQ
1,2,4-Trichlorobenzene	0.00184	0.0278	0.00184	5		UQ
1,2,4-Trimethylbenzene	0.00033	0.0334	0.00033	5		UQ
1,2-Dibromo-3-chloropropane	0.00172	0.0556	0.00172	5		UQ
1,2-Dibromoethane	0.00044	0.0278	0.00044	5		U
1,2-Dichlorobenzene	0.00033	0.0278	0.00367	5		FQ
1,2-Dichloroethane	0.00061	0.0167	0.00061	5		U
1,2-Dichloropropane	0.00122	0.0278	0.00122	5		U
1,3,5-Trimethylbenzene	0.00044	0.0278	0.00044	5		UQ
1,3-Dichlorobenzene	0.00061	0.0334	0.00061	5		UQ
1,3-Dichloropropane	0.00050	0.0139	0.00050	5		U
1,4-Dichlorobenzene	0.00033	0.0139	0.00033	5		UQ
1-Chlorohexane	0.00089	0.0278	0.00089	5		U
2,2-Dichloropropane	0.00072	0.0278	0.00072	5		U
2-Butanone	0.00234	0.111	0.00234	5		U
2-Chlorotoluene	0.00022	0.0278	0.00022	5		UQ
4-Chlorotoluene	0.00039	0.0278	0.00039	5		UQ
4-Methyl-2-pentanone	0.00178	0.111	0.00178	5		U
Acetone	0.00167	0.278	0.0648	5		F
Benzene	0.00028	0.0139	0.00028	5		U
Bromobenzene	0.00083	0.0278	0.00083	5		UQ
Bromochloromethane	0.00111	0.0278	0.00111	5		U
Bromodichloromethane	0.00033	0.0139	0.00033	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-01	**Lab Sample ID:**	0709164-001A	**Matrix:**	Soil
% Solids:	89.90	**Initial Calibration ID:**	1056	**File ID:**	J4651.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00095	0.0334	0.00095	5		U
Bromomethane	0.00072	0.0556	0.00072	5		U
Carbon tetrachloride	0.00067	0.0278	0.00067	5		U
Chlorobenzene	0.00039	0.0139	0.0130	5		F
Chloroethane	0.00139	0.0278	0.00139	5		U
Chloroform	0.00039	0.0139	0.00039	5		U
Chloromethane	0.00172	0.0278	0.00172	5		U
cis-1,2-Dichloroethene	0.00089	0.0278	0.00373	5		F
cis-1,3-Dichloropropene	0.00050	0.0167	0.00050	5		U
Dibromochloromethane	0.00039	0.0167	0.00039	5		U
Dibromomethane	0.00067	0.0278	0.00067	5		U
Dichlorodifluoromethane	0.00044	0.0278	0.00044	5		U
Ethylbenzene	0.00072	0.0278	0.00367	5		F
Hexachlorobutadiene	0.00211	0.0167	0.00211	5		UQ
Isopropylbenzene	0.00028	0.0278	0.00028	5		UQ
Methyl tert-butyl ether	0.00072	0.111	0.00072	5		U
Methylene chloride	0.00334	0.0278	0.00334	5		U
n-Butylbenzene	0.00072	0.0278	0.00072	5		UQ
n-Propylbenzene	0.00017	0.0278	0.00017	5		UQ
Naphthalene	0.00117	0.0278	0.00117	5		UQ
o-Xylene	0.00095	0.0278	0.00095	5		U
p-Isopropyltoluene	0.00095	0.0334	0.00095	5		UQ
sec-Butylbenzene	0.00028	0.0278	0.00028	5		UQ
Styrene	0.00067	0.0278	0.00067	5		UQ
tert-Butylbenzene	0.00044	0.0278	0.00044	5		UQ
Tetrachloroethene	0.00061	0.0278	0.00061	5		U
Toluene	0.00028	0.0278	0.00028	5		U
trans-1,2-Dichloroethene	0.00067	0.0278	0.00067	5		U
trans-1,3-Dichloropropene	0.00083	0.0278	0.00083	5		U
Trichloroethene	0.00067	0.0278	0.00067	5		U
Trichlorofluoromethane	0.00044	0.0278	0.00044	5		U
Vinyl chloride	0.00072	0.0278	0.00072	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-01	**Lab Sample ID:**	0709164-001A	**Matrix:**	Soil
% Solids:	89.90	**Initial Calibration ID:**	1056	**File ID:**	J4651.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00167	0.0278	0.00167	5		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	95	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1024332	1061351 - 4245404	*
Chlorobenzene-d5	1780970	1422324 - 5689294	
Fluorobenzene	4529590	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-01 RA	**Lab Sample ID:**	0709164-001ARA	**Matrix:**	Soil
% Solids:	89.90	**Initial Calibration ID:**	1056	**File ID:**	J4668.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00072	0.0278	0.00072	5		U
1,1,1,2-Tetrachloroethane	0.00089	0.0167	0.00089	5		U
1,1,1-Trichloroethane	0.00078	0.0278	0.00078	5		U
1,1,2,2-Tetrachloroethane	0.00078	0.0167	0.00078	5		UQ
1,1,2-Trichloroethane	0.00139	0.0278	0.00139	5		U
1,1-Dichloroethane	0.00044	0.0278	0.00044	5		U
1,1-Dichloroethene	0.00083	0.0334	0.00083	5		U
1,1-Dichloropropene	0.00106	0.0278	0.00106	5		U
1,2,3-Trichlorobenzene	0.00228	0.0278	0.00228	5		UQ
1,2,3-Trichloropropane	0.00128	0.0278	0.00128	5		UQ
1,2,4-Trichlorobenzene	0.00184	0.0278	0.00184	5		UQ
1,2,4-Trimethylbenzene	0.00033	0.0334	0.00033	5		UQ
1,2-Dibromo-3-chloropropane	0.00172	0.0556	0.00172	5		UQ
1,2-Dibromoethane	0.00044	0.0278	0.00044	5		U
1,2-Dichlorobenzene	0.00033	0.0278	0.00745	5		FQ
1,2-Dichloroethane	0.00061	0.0167	0.00061	5		U
1,2-Dichloropropane	0.00122	0.0278	0.00122	5		U
1,3,5-Trimethylbenzene	0.00044	0.0278	0.00044	5		UQ
1,3-Dichlorobenzene	0.00061	0.0334	0.00061	5		UQ
1,3-Dichloropropane	0.00050	0.0139	0.00050	5		U
1,4-Dichlorobenzene	0.00033	0.0139	0.00033	5		UQ
1-Chlorohexane	0.00089	0.0278	0.00089	5		U
2,2-Dichloropropane	0.00072	0.0278	0.00072	5		U
2-Butanone	0.00234	0.111	0.00234	5		UQ
2-Chlorotoluene	0.00022	0.0278	0.00022	5		UQ
4-Chlorotoluene	0.00039	0.0278	0.00039	5		UQ
4-Methyl-2-pentanone	0.00178	0.111	0.00178	5		U
Acetone	0.00167	0.278	0.0854	5		FQ
Benzene	0.00028	0.0139	0.00028	5		U
Bromobenzene	0.00083	0.0278	0.00083	5		UQ
Bromochloromethane	0.00111	0.0278	0.00111	5		U
Bromodichloromethane	0.00033	0.0139	0.00033	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-01 RA	**Lab Sample ID:**	0709164-001ARA	**Matrix:**	Soil
% Solids:	89.90	**Initial Calibration ID:**	1056	**File ID:**	J4668.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00095	0.0334	0.00095	5		U
Bromomethane	0.00072	0.0556	0.00072	5		U
Carbon tetrachloride	0.00067	0.0278	0.00067	5		U
Chlorobenzene	0.00039	0.0139	0.0194	5		
Chloroethane	0.00139	0.0278	0.00139	5		U
Chloroform	0.00039	0.0139	0.00039	5		U
Chloromethane	0.00172	0.0278	0.00172	5		UQ
cis-1,2-Dichloroethene	0.00089	0.0278	0.00562	5		F
cis-1,3-Dichloropropene	0.00050	0.0167	0.00050	5		U
Dibromochloromethane	0.00039	0.0167	0.00039	5		U
Dibromomethane	0.00067	0.0278	0.00067	5		U
Dichlorodifluoromethane	0.00044	0.0278	0.00044	5		UQ
Ethylbenzene	0.00072	0.0278	0.00451	5		F
Hexachlorobutadiene	0.00211	0.0167	0.00211	5		UQ
Isopropylbenzene	0.00028	0.0278	0.00028	5		UQ
Methyl tert-butyl ether	0.00072	0.111	0.00072	5		U
Methylene chloride	0.00334	0.0278	0.00334	5		U
n-Butylbenzene	0.00072	0.0278	0.00072	5		UQ
n-Propylbenzene	0.00017	0.0278	0.00017	5		UQ
Naphthalene	0.00117	0.0278	0.00117	5		UQ
o-Xylene	0.00095	0.0278	0.00095	5		U
p-Isopropyltoluene	0.00095	0.0334	0.00095	5		UQ
sec-Butylbenzene	0.00028	0.0278	0.00028	5		UQ
Styrene	0.00067	0.0278	0.00067	5		UQ
tert-Butylbenzene	0.00044	0.0278	0.00044	5		UQ
Tetrachloroethene	0.00061	0.0278	0.00061	5		U
Toluene	0.00028	0.0278	0.00289	5		F
trans-1,2-Dichloroethene	0.00067	0.0278	0.00067	5		U
trans-1,3-Dichloropropene	0.00083	0.0278	0.00083	5		U
Trichloroethene	0.00067	0.0278	0.00317	5		F
Trichlorofluoromethane	0.00044	0.0278	0.00044	5		U
Vinyl chloride	0.00072	0.0278	0.00072	5		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-01 RA	**Lab Sample ID:**	0709164-001ARA	**Matrix:**	Soil
% Solids:	89.90	**Initial Calibration ID:**	1056	**File ID:**	J4668.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	1 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00167	0.0278	0.00167	5		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1022953	1061351 - 4245404	*
Chlorobenzene-d5	1676320	1422324 - 5689294	
Fluorobenzene	4054331	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-02	**Lab Sample ID:**	0709164-002B	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	1060	**File ID:**	T0673.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.135	5.19	33.0	8		J
1,1,1,2-Tetrachloroethane	0.166	3.12	0.166	8		U
1,1,1-Trichloroethane	0.145	5.19	0.145	8		U
1,1,2,2-Tetrachloroethane	0.145	3.12	0.145	8		U
1,1,2-Trichloroethane	0.260	5.19	0.260	8		U
1,1-Dichloroethane	0.0831	5.19	0.0831	8		U
1,1-Dichloroethene	0.156	6.23	0.156	8		U
1,1-Dichloropropene	0.197	5.19	0.197	8		U
1,2,3-Trichlorobenzene	0.426	5.19	0.426	8		U
1,2,3-Trichloropropane	0.239	5.19	0.239	8		U
1,2,4-Trichlorobenzene	0.343	5.19	0.343	8		U
1,2,4-Trimethylbenzene	0.0623	6.23	318	8		J
1,2-Dibromo-3-chloropropane	0.322	10.4	0.322	8		U
1,2-Dibromoethane	0.0831	5.19	0.0831	8		U
1,2-Dichlorobenzene	0.0623	5.19	6.80	8		JQ
1,2-Dichloroethane	0.114	3.12	0.114	8		U
1,2-Dichloropropane	0.229	5.19	0.229	8		U
1,3,5-Trimethylbenzene	0.0831	5.19	174	8		J
1,3-Dichlorobenzene	0.114	6.23	0.114	8		U
1,3-Dichloropropane	0.0935	2.60	0.0935	8		U
1,4-Dichlorobenzene	0.0623	2.60	53.3	8		J
1-Chlorohexane	0.166	5.19	0.166	8		U
2,2-Dichloropropane	0.135	5.19	0.135	8		U
2-Butanone	0.436	20.8	0.436	8		U
2-Chlorotoluene	0.0416	5.19	0.0416	8		UQ
4-Chlorotoluene	0.0727	5.19	0.0727	8		UQ
4-Methyl-2-pentanone	0.332	20.8	0.332	8		U
Acetone	0.312	51.9	0.312	8		UQ
Benzene	0.0519	2.60	0.0519	8		U
Bromobenzene	0.156	5.19	0.156	8		U
Bromochloromethane	0.208	5.19	0.208	8		U
Bromodichloromethane	0.0623	2.60	0.0623	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-02	**Lab Sample ID:**	0709164-002B	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	1060	**File ID:**	T0673.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.177	6.23	0.177	8		U
Bromomethane	0.135	10.4	0.135	8		U
Carbon tetrachloride	0.125	5.19	0.125	8		U
Chlorobenzene	0.0727	2.60	15.6	8		J
Chloroethane	0.260	5.19	0.260	8		U
Chloroform	0.0727	2.60	0.0727	8		U
Chloromethane	0.322	5.19	0.322	8		U
cis-1,2-Dichloroethene	0.166	5.19	0.166	8		U
cis-1,3-Dichloropropene	0.0935	3.12	0.0935	8		U
Dibromochloromethane	0.0727	3.12	0.0727	8		U
Dibromomethane	0.125	5.19	0.125	8		U
Dichlorodifluoromethane	0.0831	5.19	0.0831	8		U
Ethylbenzene	0.135	5.19	7.58	8		J
Hexachlorobutadiene	0.395	3.12	0.395	8		U
Isopropylbenzene	0.0519	5.19	29.1	8		JQ
Methyl tert-butyl ether	0.135	20.8	0.135	8		U
Methylene chloride	0.623	5.19	0.623	8		U
n-Butylbenzene	0.135	5.19	26.3	8		J
n-Propylbenzene	0.0312	5.19	35.6	8		J
Naphthalene	0.218	5.19	55.5	8		J
o-Xylene	0.177	5.19	19.6	8		J
p-Isopropyltoluene	0.177	6.23	37.3	8		J
sec-Butylbenzene	0.0519	5.19	26.8	8		JQ
Styrene	0.125	5.19	0.125	8		U
tert-Butylbenzene	0.0831	5.19	5.56	8		J
Tetrachloroethene	0.114	5.19	0.114	8		U
Toluene	0.0519	5.19	0.0519	8		U
trans-1,2-Dichloroethene	0.125	5.19	0.125	8		U
trans-1,3-Dichloropropene	0.156	5.19	0.156	8		U
Trichloroethene	0.125	5.19	0.125	8		U
Trichlorofluoromethane	0.0831	5.19	0.0831	8		U
Vinyl chloride	0.135	5.19	0.135	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-02	**Lab Sample ID:**	0709164-002B	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	1060	**File ID:**	T0673.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.312	10.4	52.6	8		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	52 - 149	
4-Bromofluorobenzene	371	84 - 118	*
Dibromofluoromethane	92	65 - 135	
Toluene-d8	125	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	881635	443553 - 1774212	
Chlorobenzene-d5	1456424	698816 - 2795262	
Fluorobenzene	2767133	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-02 DL	**Lab Sample ID:**	0709164-002BDL	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	1078	**File ID:**	M2798.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.270	10.4	29.6	16		J
1,1,1,2-Tetrachloroethane	0.332	6.23	0.332	16		UJ
1,1,1-Trichloroethane	0.291	10.4	0.291	16		UJ
1,1,2,2-Tetrachloroethane	0.291	6.23	0.291	16		UJ
1,1,2-Trichloroethane	0.519	10.4	0.519	16		UJ
1,1-Dichloroethane	0.166	10.4	0.166	16		UJ
1,1-Dichloroethene	0.312	12.5	0.312	16		UJ
1,1-Dichloropropene	0.395	10.4	0.395	16		UJ
1,2,3-Trichlorobenzene	0.852	10.4	0.852	16		UJ
1,2,3-Trichloropropane	0.478	10.4	0.478	16		UJ
1,2,4-Trichlorobenzene	0.686	10.4	0.686	16		UJ
1,2,4-Trimethylbenzene	0.125	12.5	402	16		J
1,2-Dibromo-3-chloropropane	0.644	20.8	0.644	16		UJ
1,2-Dibromoethane	0.166	10.4	0.166	16		UJ
1,2-Dichlorobenzene	0.125	10.4	7.90	16		FJ
1,2-Dichloroethane	0.229	6.23	0.229	16		UJ
1,2-Dichloropropane	0.457	10.4	0.457	16		UJ
1,3,5-Trimethylbenzene	0.166	10.4	179	16		J
1,3-Dichlorobenzene	0.229	12.5	2.60	16		FJ
1,3-Dichloropropane	0.187	5.19	0.187	16		UJ
1,4-Dichlorobenzene	0.125	5.19	55.4	16		J
1-Chlorohexane	0.332	10.4	0.332	16		UJ
2,2-Dichloropropane	0.270	10.4	0.270	16		UJ
2-Butanone	0.873	41.6	0.873	16		UJ
2-Chlorotoluene	0.0831	10.4	0.0831	16		UJ
4-Chlorotoluene	0.145	10.4	0.145	16		UJ
4-Methyl-2-pentanone	0.665	41.6	0.665	16		UJ
Acetone	0.623	104	0.623	16		UJ
Benzene	0.104	5.19	0.104	16		UJ
Bromobenzene	0.312	10.4	0.312	16		UJ
Bromochloromethane	0.416	10.4	0.416	16		UJ
Bromodichloromethane	0.125	5.19	0.125	16		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-02 DL	**Lab Sample ID:**	0709164-002BDL	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	1078	**File ID:**	M2798.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.353	12.5	0.353	16		UJ
Bromomethane	0.270	20.8	0.270	16		UJ
Carbon tetrachloride	0.249	10.4	0.249	16		UJ
Chlorobenzene	0.145	5.19	16.0	16		J
Chloroethane	0.519	10.4	0.519	16		UJ
Chloroform	0.145	5.19	0.145	16		UJ
Chloromethane	0.644	10.4	0.644	16		UJ
cis-1,2-Dichloroethene	0.332	10.4	0.332	16		UJ
cis-1,3-Dichloropropene	0.187	6.23	0.187	16		UJ
Dibromochloromethane	0.145	6.23	0.145	16		UJ
Dibromomethane	0.249	10.4	0.249	16		UJ
Dichlorodifluoromethane	0.166	10.4	0.166	16		UJ
Ethylbenzene	0.270	10.4	6.96	16		FJ
Hexachlorobutadiene	0.790	6.23	0.790	16		UJ
Isopropylbenzene	0.104	10.4	26.6	16		J
Methyl tert-butyl ether	0.270	41.6	0.270	16		UJ
Methylene chloride	1.25	10.4	1.25	16		UJ
n-Butylbenzene	0.270	10.4	53.4	16		J
n-Propylbenzene	0.0623	10.4	29.4	16		J
Naphthalene	0.436	10.4	68.0	16		J
o-Xylene	0.353	10.4	15.7	16		J
p-Isopropyltoluene	0.353	12.5	32.6	16		J
sec-Butylbenzene	0.104	10.4	20.9	16		J
Styrene	0.249	10.4	0.249	16		UJ
tert-Butylbenzene	0.166	10.4	0.166	16		UJ
Tetrachloroethene	0.229	10.4	0.229	16		UJ
Toluene	0.104	10.4	0.104	16		UJ
trans-1,2-Dichloroethene	0.249	10.4	0.249	16		UJ
trans-1,3-Dichloropropene	0.312	10.4	0.312	16		UJ
Trichloroethene	0.249	10.4	0.249	16		UJ
Trichlorofluoromethane	0.166	10.4	0.166	16		UJ
Vinyl chloride	0.270	10.4	0.270	16		UJ

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-02 DL	**Lab Sample ID:**	0709164-002BDL	**Matrix:**	Soil
% Solids:	83.40	**Initial Calibration ID:**	1078	**File ID:**	M2798.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.623	20.8	45.3	16		J

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	78	52 - 149	
4-Bromofluorobenzene	230	84 - 118	*
Dibromofluoromethane	58	65 - 135	*
Toluene-d8	80	84 - 116	*

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2075110	1123200 - 4492802	
Chlorobenzene-d5	3029948	1595982 - 6383930	
Fluorobenzene	5360465	2658960 - 10635838	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-03	**Lab Sample ID:**	0709164-003A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	1056	**File ID:**	J4649.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2.5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00031	0.0119	0.00031	2		U
1,1,1,2-Tetrachloroethane	0.00038	0.00715	0.00038	2		U
1,1,1-Trichloroethane	0.00033	0.0119	0.00033	2		U
1,1,2,2-Tetrachloroethane	0.00033	0.00715	0.00033	2		U
1,1,2-Trichloroethane	0.00060	0.0119	0.00060	2		U
1,1-Dichloroethane	0.00019	0.0119	0.00019	2		U
1,1-Dichloroethene	0.00036	0.0143	0.00036	2		U
1,1-Dichloropropene	0.00045	0.0119	0.00045	2		U
1,2,3-Trichlorobenzene	0.00098	0.0119	0.00098	2		U
1,2,3-Trichloropropane	0.00055	0.0119	0.00055	2		U
1,2,4-Trichlorobenzene	0.00079	0.0119	0.00079	2		U
1,2,4-Trimethylbenzene	0.00014	0.0143	0.00014	2		U
1,2-Dibromo-3-chloropropane	0.00074	0.0238	0.00074	2		U
1,2-Dibromoethane	0.00019	0.0119	0.00019	2		U
1,2-Dichlorobenzene	0.00014	0.0119	0.160	2		
1,2-Dichloroethane	0.00026	0.00715	0.00026	2		U
1,2-Dichloropropane	0.00052	0.0119	0.00052	2		U
1,3,5-Trimethylbenzene	0.00019	0.0119	0.00019	2		U
1,3-Dichlorobenzene	0.00026	0.0143	0.00219	2		F
1,3-Dichloropropane	0.00021	0.00596	0.00021	2		U
1,4-Dichlorobenzene	0.00014	0.00596	0.0381	2		
1-Chlorohexane	0.00038	0.0119	0.00038	2		U
2,2-Dichloropropane	0.00031	0.0119	0.00031	2		U
2-Butanone	0.00100	0.0477	0.00100	2		U
2-Chlorotoluene	0.00010	0.0119	0.00010	2		U
4-Chlorotoluene	0.00017	0.0119	0.00017	2		U
4-Methyl-2-pentanone	0.00076	0.0477	0.00076	2		U
Acetone	0.00072	0.119	0.0165	2		F
Benzene	0.00012	0.00596	0.00012	2		U
Bromobenzene	0.00036	0.0119	0.00036	2		U
Bromochloromethane	0.00048	0.0119	0.00048	2		U
Bromodichloromethane	0.00014	0.00596	0.00014	2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-03	**Lab Sample ID:**	0709164-003A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	1056	**File ID:**	J4649.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2.5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00041	0.0143	0.00041	2		U
Bromomethane	0.00031	0.0238	0.00031	2		U
Carbon tetrachloride	0.00029	0.0119	0.00029	2		U
Chlorobenzene	0.00017	0.00596	0.0331	2		
Chloroethane	0.00060	0.0119	0.00060	2		U
Chloroform	0.00017	0.00596	0.00017	2		U
Chloromethane	0.00074	0.0119	0.00074	2		U
cis-1,2-Dichloroethene	0.00038	0.0119	0.00038	2		U
cis-1,3-Dichloropropene	0.00021	0.00715	0.00021	2		U
Dibromochloromethane	0.00017	0.00715	0.00017	2		U
Dibromomethane	0.00029	0.0119	0.00029	2		U
Dichlorodifluoromethane	0.00019	0.0119	0.00019	2		U
Ethylbenzene	0.00031	0.0119	0.00031	2		U
Hexachlorobutadiene	0.00091	0.00715	0.00091	2		U
Isopropylbenzene	0.00012	0.0119	0.00012	2		U
Methyl tert-butyl ether	0.00031	0.0477	0.00031	2		U
Methylene chloride	0.00143	0.0119	0.00143	2		U
n-Butylbenzene	0.00031	0.0119	0.00563	2		F
n-Propylbenzene	0.00007	0.0119	0.00164	2		F
Naphthalene	0.00050	0.0119	0.00403	2		F
o-Xylene	0.00041	0.0119	0.00041	2		U
p-Isopropyltoluene	0.00041	0.0143	0.00041	2		U
sec-Butylbenzene	0.00012	0.0119	0.00224	2		F
Styrene	0.00029	0.0119	0.00029	2		U
tert-Butylbenzene	0.00019	0.0119	0.00019	2		U
Tetrachloroethene	0.00026	0.0119	0.00026	2		U
Toluene	0.00012	0.0119	0.00012	2		U
trans-1,2-Dichloroethene	0.00029	0.0119	0.00029	2		U
trans-1,3-Dichloropropene	0.00036	0.0119	0.00036	2		U
Trichloroethene	0.00029	0.0119	0.00029	2		U
Trichlorofluoromethane	0.00019	0.0119	0.00019	2		U
Vinyl chloride	0.00031	0.0119	0.00031	2		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB31-03	**Lab Sample ID:**	0709164-003A	**Matrix:**	Soil
% Solids:	83.90	**Initial Calibration ID:**	1056	**File ID:**	J4649.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2.5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00072	0.0119	0.00072	2		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	106	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1122400	1061351 - 4245404	
Chlorobenzene-d5	1731101	1422324 - 5689294	
Fluorobenzene	4306712	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-01	**Lab Sample ID:**	0709164-004A	**Matrix:**	Soil
% Solids:	93.90	**Initial Calibration ID:**	1056	**File ID:**	J4642.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00527	0.000822	0.99		F
1,1,1,2-Tetrachloroethane	0.00017	0.00316	0.00017	0.99		U
1,1,1-Trichloroethane	0.00015	0.00527	0.00015	0.99		U
1,1,2,2-Tetrachloroethane	0.00015	0.00316	0.00015	0.99		U
1,1,2-Trichloroethane	0.00026	0.00527	0.00026	0.99		U
1,1-Dichloroethane	0.00008	0.00527	0.00008	0.99		U
1,1-Dichloroethene	0.00016	0.00633	0.00016	0.99		U
1,1-Dichloropropene	0.00020	0.00527	0.00020	0.99		U
1,2,3-Trichlorobenzene	0.00043	0.00527	0.00043	0.99		U
1,2,3-Trichloropropane	0.00024	0.00527	0.00024	0.99		U
1,2,4-Trichlorobenzene	0.00035	0.00527	0.00035	0.99		U
1,2,4-Trimethylbenzene	0.00006	0.00633	0.00006	0.99		U
1,2-Dibromo-3-chloropropane	0.00033	0.0105	0.00033	0.99		U
1,2-Dibromoethane	0.00008	0.00527	0.00008	0.99		U
1,2-Dichlorobenzene	0.00006	0.00527	0.00006	0.99		U
1,2-Dichloroethane	0.00012	0.00316	0.00012	0.99		U
1,2-Dichloropropane	0.00023	0.00527	0.00023	0.99		U
1,3,5-Trimethylbenzene	0.00008	0.00527	0.00008	0.99		U
1,3-Dichlorobenzene	0.00012	0.00633	0.00012	0.99		U
1,3-Dichloropropane	0.00009	0.00264	0.00009	0.99		U
1,4-Dichlorobenzene	0.00006	0.00264	0.00006	0.99		U
1-Chlorohexane	0.00017	0.00527	0.00017	0.99		U
2,2-Dichloropropane	0.00014	0.00527	0.00014	0.99		U
2-Butanone	0.00044	0.0211	0.00044	0.99		U
2-Chlorotoluene	0.00004	0.00527	0.00004	0.99		U
4-Chlorotoluene	0.00007	0.00527	0.00007	0.99		U
4-Methyl-2-pentanone	0.00034	0.0211	0.00034	0.99		U
Acetone	0.00032	0.0527	0.00710	0.99		F
Benzene	0.00005	0.00264	0.00005	0.99		U
Bromobenzene	0.00016	0.00527	0.00016	0.99		U
Bromochloromethane	0.00021	0.00527	0.00021	0.99		U
Bromodichloromethane	0.00006	0.00264	0.00006	0.99		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-01	**Lab Sample ID:**	0709164-004A	**Matrix:**	Soil
% Solids:	93.90	**Initial Calibration ID:**	1056	**File ID:**	J4642.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00633	0.00018	0.99		U
Bromomethane	0.00014	0.0105	0.000770	0.99		FQ
Carbon tetrachloride	0.00013	0.00527	0.00013	0.99		U
Chlorobenzene	0.00007	0.00264	0.00129	0.99		F
Chloroethane	0.00026	0.00527	0.00026	0.99		U
Chloroform	0.00007	0.00264	0.00007	0.99		U
Chloromethane	0.00033	0.00527	0.00033	0.99		U
cis-1,2-Dichloroethene	0.00017	0.00527	0.00017	0.99		U
cis-1,3-Dichloropropene	0.00009	0.00316	0.00009	0.99		U
Dibromochloromethane	0.00007	0.00316	0.00007	0.99		U
Dibromomethane	0.00013	0.00527	0.00013	0.99		U
Dichlorodifluoromethane	0.00008	0.00527	0.00008	0.99		U
Ethylbenzene	0.00014	0.00527	0.000843	0.99		F
Hexachlorobutadiene	0.00040	0.00316	0.00040	0.99		U
Isopropylbenzene	0.00005	0.00527	0.00005	0.99		U
Methyl tert-butyl ether	0.00014	0.0211	0.00014	0.99		U
Methylene chloride	0.00063	0.00527	0.00063	0.99		U
n-Butylbenzene	0.00014	0.00527	0.00014	0.99		U
n-Propylbenzene	0.00003	0.00527	0.000749	0.99		F
Naphthalene	0.00022	0.00527	0.00167	0.99		F
o-Xylene	0.00018	0.00527	0.00018	0.99		U
p-Isopropyltoluene	0.00018	0.00633	0.00018	0.99		U
sec-Butylbenzene	0.00005	0.00527	0.00005	0.99		U
Styrene	0.00013	0.00527	0.00013	0.99		U
tert-Butylbenzene	0.00008	0.00527	0.00008	0.99		U
Tetrachloroethene	0.00012	0.00527	0.00151	0.99		F
Toluene	0.00005	0.00527	0.00005	0.99		U
trans-1,2-Dichloroethene	0.00013	0.00527	0.00013	0.99		U
trans-1,3-Dichloropropene	0.00016	0.00527	0.00016	0.99		U
Trichloroethene	0.00013	0.00527	0.000654	0.99		F
Trichlorofluoromethane	0.00008	0.00527	0.00008	0.99		U
Vinyl chloride	0.00014	0.00527	0.00014	0.99		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-01	**Lab Sample ID:**	0709164-004A	**Matrix:**	Soil
% Solids:	93.90	**Initial Calibration ID:**	1056	**File ID:**	J4642.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.03 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00032	0.00527	0.000822	0.99		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	96	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1190825	1061351 - 4245404	
Chlorobenzene-d5	2060300	1422324 - 5689294	
Fluorobenzene	5340543	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-02	**Lab Sample ID:**	0709164-005B	**Matrix:**	Soil
% Solids:	81.60	**Initial Calibration ID:**	1078	**File ID:**	M2799.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.139	5.35	0.139	8		U
1,1,1,2-Tetrachloroethane	0.171	3.21	0.171	8		U
1,1,1-Trichloroethane	0.150	5.35	0.150	8		U
1,1,2,2-Tetrachloroethane	0.150	3.21	0.150	8		U
1,1,2-Trichloroethane	0.268	5.35	0.268	8		U
1,1-Dichloroethane	0.0856	5.35	0.0856	8		U
1,1-Dichloroethene	0.161	6.42	0.161	8		U
1,1-Dichloropropene	0.203	5.35	0.203	8		U
1,2,3-Trichlorobenzene	0.439	5.35	0.439	8		U
1,2,3-Trichloropropane	0.246	5.35	0.246	8		U
1,2,4-Trichlorobenzene	0.353	5.35	0.353	8		U
1,2,4-Trimethylbenzene	0.0642	6.42	19.2	8		
1,2-Dibromo-3-chloropropane	0.332	10.7	0.332	8		U
1,2-Dibromoethane	0.0856	5.35	0.0856	8		U
1,2-Dichlorobenzene	0.0642	5.35	0.642	8		F
1,2-Dichloroethane	0.118	3.21	0.118	8		U
1,2-Dichloropropane	0.236	5.35	0.236	8		U
1,3,5-Trimethylbenzene	0.0856	5.35	14.4	8		
1,3-Dichlorobenzene	0.118	6.42	0.118	8		U
1,3-Dichloropropane	0.0964	2.68	0.0964	8		U
1,4-Dichlorobenzene	0.0642	2.68	0.0642	8		U
1-Chlorohexane	0.171	5.35	0.171	8		U
2,2-Dichloropropane	0.139	5.35	0.139	8		U
2-Butanone	0.450	21.4	0.450	8		U
2-Chlorotoluene	0.0428	5.35	0.0428	8		U
4-Chlorotoluene	0.0749	5.35	0.0749	8		U
4-Methyl-2-pentanone	0.343	21.4	0.343	8		U
Acetone	0.321	53.5	0.321	8		U
Benzene	0.0535	2.68	0.0535	8		U
Bromobenzene	0.161	5.35	0.161	8		U
Bromochloromethane	0.214	5.35	0.214	8		U
Bromodichloromethane	0.0642	2.68	0.0642	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035 Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-02	**Lab Sample ID:**	0709164-005B	**Matrix:**	Soil
% Solids:	81.60	**Initial Calibration ID:**	1078	**File ID:**	M2799.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.182	6.42	0.182	8		U
Bromomethane	0.139	10.7	0.139	8		U
Carbon tetrachloride	0.128	5.35	0.128	8		U
Chlorobenzene	0.0749	2.68	0.0749	8		U
Chloroethane	0.268	5.35	0.268	8		U
Chloroform	0.0749	2.68	0.0749	8		U
Chloromethane	0.332	5.35	0.332	8		U
cis-1,2-Dichloroethene	0.171	5.35	0.171	8		U
cis-1,3-Dichloropropene	0.0964	3.21	0.0964	8		U
Dibromochloromethane	0.0749	3.21	0.0749	8		U
Dibromomethane	0.128	5.35	0.128	8		U
Dichlorodifluoromethane	0.0856	5.35	0.0856	8		U
Ethylbenzene	0.139	5.35	0.139	8		U
Hexachlorobutadiene	0.407	3.21	0.407	8		U
Isopropylbenzene	0.0535	5.35	0.910	8		F
Methyl tert-butyl ether	0.139	21.4	0.139	8		U
Methylene chloride	0.642	5.35	0.642	8		U
n-Butylbenzene	0.139	5.35	12.8	8		
n-Propylbenzene	0.0321	5.35	3.10	8		F
Naphthalene	0.225	5.35	1.34	8		F
o-Xylene	0.182	5.35	0.182	8		U
p-Isopropyltoluene	0.182	6.42	7.28	8		
sec-Butylbenzene	0.0535	5.35	4.92	8		F
Styrene	0.128	5.35	0.128	8		U
tert-Butylbenzene	0.0856	5.35	0.0856	8		U
Tetrachloroethene	0.118	5.35	0.118	8		U
Toluene	0.0535	5.35	0.0535	8		U
trans-1,2-Dichloroethene	0.128	5.35	0.128	8		U
trans-1,3-Dichloropropene	0.161	5.35	0.161	8		U
Trichloroethene	0.128	5.35	0.128	8		U
Trichlorofluoromethane	0.0856	5.35	0.0856	8		U
Vinyl chloride	0.139	5.35	0.139	8		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**	SW5035_Med	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-02	**Lab Sample ID:**	0709164-005B	**Matrix:**	Soil
% Solids:	81.60	**Initial Calibration ID:**	1078	**File ID:**	M2799.D
Date Received:	27-Sep-07	**Date Extracted:**	01-Oct-07	**Date Analyzed:**	10-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.321	10.7	0.321	8		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	90	52 - 149	
4-Bromofluorobenzene	118	84 - 118	
Dibromofluoromethane	75	65 - 135	
Toluene-d8	88	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2177546	1123200 - 4492802	
Chlorobenzene-d5	3040954	1595982 - 6383930	
Fluorobenzene	5470908	2658960 - 10635838	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-03	**Lab Sample ID:**	0709164-006A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	1056	**File ID:**	J4643.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.32 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00550	0.00124	0.94		F
1,1,1,2-Tetrachloroethane	0.00018	0.00330	0.00018	0.94		U
1,1,1-Trichloroethane	0.00015	0.00550	0.00015	0.94		U
1,1,2,2-Tetrachloroethane	0.00015	0.00330	0.00015	0.94		U
1,1,2-Trichloroethane	0.00028	0.00550	0.00028	0.94		U
1,1-Dichloroethane	0.00009	0.00550	0.00009	0.94		U
1,1-Dichloroethene	0.00017	0.00660	0.00017	0.94		U
1,1-Dichloropropene	0.00021	0.00550	0.00021	0.94		U
1,2,3-Trichlorobenzene	0.00045	0.00550	0.00045	0.94		U
1,2,3-Trichloropropane	0.00025	0.00550	0.00025	0.94		U
1,2,4-Trichlorobenzene	0.00036	0.00550	0.00036	0.94		U
1,2,4-Trimethylbenzene	0.00007	0.00660	0.00166	0.94		F
1,2-Dibromo-3-chloropropane	0.00034	0.0110	0.00034	0.94		U
1,2-Dibromoethane	0.00009	0.00550	0.00009	0.94		U
1,2-Dichlorobenzene	0.00007	0.00550	0.0913	0.94		
1,2-Dichloroethane	0.00012	0.00330	0.00012	0.94		U
1,2-Dichloropropane	0.00024	0.00550	0.00024	0.94		U
1,3,5-Trimethylbenzene	0.00009	0.00550	0.00009	0.94		U
1,3-Dichlorobenzene	0.00012	0.00660	0.00385	0.94		F
1,3-Dichloropropane	0.00010	0.00275	0.00010	0.94		U
1,4-Dichlorobenzene	0.00007	0.00275	0.0411	0.94		
1-Chlorohexane	0.00018	0.00550	0.00018	0.94		U
2,2-Dichloropropane	0.00014	0.00550	0.00014	0.94		U
2-Butanone	0.00046	0.0220	0.00046	0.94		U
2-Chlorotoluene	0.00004	0.00550	0.00004	0.94		U
4-Chlorotoluene	0.00008	0.00550	0.00008	0.94		U
4-Methyl-2-pentanone	0.00035	0.0220	0.00035	0.94		U
Acetone	0.00033	0.0550	0.0104	0.94		F
Benzene	0.00006	0.00275	0.00006	0.94		U
Bromobenzene	0.00017	0.00550	0.00017	0.94		U
Bromochloromethane	0.00022	0.00550	0.00022	0.94		U
Bromodichloromethane	0.00007	0.00275	0.00007	0.94		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-03	**Lab Sample ID:**	0709164-006A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	1056	**File ID:**	J4643.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.32 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00660	0.00019	0.94		U
Bromomethane	0.00014	0.0110	0.000649	0.94		FQ
Carbon tetrachloride	0.00013	0.00550	0.00013	0.94		U
Chlorobenzene	0.00008	0.00275	0.0570	0.94		
Chloroethane	0.00028	0.00550	0.00028	0.94		U
Chloroform	0.00008	0.00275	0.00008	0.94		U
Chloromethane	0.00034	0.00550	0.00034	0.94		U
cis-1,2-Dichloroethene	0.00018	0.00550	0.00018	0.94		U
cis-1,3-Dichloropropene	0.00010	0.00330	0.00010	0.94		U
Dibromochloromethane	0.00008	0.00330	0.00008	0.94		U
Dibromomethane	0.00013	0.00550	0.00013	0.94		U
Dichlorodifluoromethane	0.00009	0.00550	0.00009	0.94		U
Ethylbenzene	0.00014	0.00550	0.00116	0.94		F
Hexachlorobutadiene	0.00042	0.00330	0.00042	0.94		U
Isopropylbenzene	0.00006	0.00550	0.00240	0.94		F
Methyl tert-butyl ether	0.00014	0.0220	0.00014	0.94		U
Methylene chloride	0.00066	0.00550	0.00066	0.94		U
n-Butylbenzene	0.00014	0.00550	0.00255	0.94		F
n-Propylbenzene	0.00003	0.00550	0.00176	0.94		F
Naphthalene	0.00023	0.00550	0.00199	0.94		F
o-Xylene	0.00019	0.00550	0.00124	0.94		F
p-Isopropyltoluene	0.00019	0.00660	0.00019	0.94		U
sec-Butylbenzene	0.00006	0.00550	0.00146	0.94		F
Styrene	0.00013	0.00550	0.00013	0.94		U
tert-Butylbenzene	0.00009	0.00550	0.00009	0.94		U
Tetrachloroethene	0.00012	0.00550	0.000605	0.94		F
Toluene	0.00006	0.00550	0.000649	0.94		F
trans-1,2-Dichloroethene	0.00013	0.00550	0.00013	0.94		U
trans-1,3-Dichloropropene	0.00017	0.00550	0.00017	0.94		U
Trichloroethene	0.00013	0.00550	0.000616	0.94		F
Trichlorofluoromethane	0.00009	0.00550	0.00009	0.94		U
Vinyl chloride	0.00014	0.00550	0.00014	0.94		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB32-03	**Lab Sample ID:**	0709164-006A	**Matrix:**	Soil
% Solids:	85.40	**Initial Calibration ID:**	1056	**File ID:**	J4643.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.32 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00033	0.00550	0.00249	0.94		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1295032	1061351 - 4245404	
Chlorobenzene-d5	2007335	1422324 - 5689294	
Fluorobenzene	4950053	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-01	**Lab Sample ID:**	0709164-007A	**Matrix:**	Soil
% Solids:	82.10	**Initial Calibration ID:**	1056	**File ID:**	J4644.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.46 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00560	0.0896	0.92		
1,1,1,2-Tetrachloroethane	0.00018	0.00336	0.00018	0.92		U
1,1,1-Trichloroethane	0.00016	0.00560	0.00016	0.92		U
1,1,2,2-Tetrachloroethane	0.00016	0.00336	0.00016	0.92		U
1,1,2-Trichloroethane	0.00028	0.00560	0.00028	0.92		U
1,1-Dichloroethane	0.00009	0.00560	0.00009	0.92		U
1,1-Dichloroethene	0.00017	0.00672	0.00017	0.92		U
1,1-Dichloropropene	0.00021	0.00560	0.00021	0.92		U
1,2,3-Trichlorobenzene	0.00046	0.00560	0.00046	0.92		U
1,2,3-Trichloropropane	0.00026	0.00560	0.00026	0.92		U
1,2,4-Trichlorobenzene	0.00037	0.00560	0.00037	0.92		U
1,2,4-Trimethylbenzene	0.00007	0.00672	0.264	0.92		J
1,2-Dibromo-3-chloropropane	0.00035	0.0112	0.00035	0.92		U
1,2-Dibromoethane	0.00009	0.00560	0.00009	0.92		U
1,2-Dichlorobenzene	0.00007	0.00560	0.00478	0.92		F
1,2-Dichloroethane	0.00012	0.00336	0.00012	0.92		U
1,2-Dichloropropane	0.00025	0.00560	0.00025	0.92		U
1,3,5-Trimethylbenzene	0.00009	0.00560	0.0992	0.92		Q
1,3-Dichlorobenzene	0.00012	0.00672	0.00384	0.92		F
1,3-Dichloropropane	0.00010	0.00280	0.00010	0.92		U
1,4-Dichlorobenzene	0.00007	0.00280	0.0851	0.92		
1-Chlorohexane	0.00018	0.00560	0.00018	0.92		U
2,2-Dichloropropane	0.00015	0.00560	0.00015	0.92		U
2-Butanone	0.00047	0.0224	0.00047	0.92		U
2-Chlorotoluene	0.00004	0.00560	0.00004	0.92		U
4-Chlorotoluene	0.00008	0.00560	0.00008	0.92		U
4-Methyl-2-pentanone	0.00036	0.0224	0.00036	0.92		U
Acetone	0.00034	0.0560	0.0146	0.92		F
Benzene	0.00006	0.00280	0.00006	0.92		U
Bromobenzene	0.00017	0.00560	0.00017	0.92		U
Bromochloromethane	0.00022	0.00560	0.00022	0.92		U
Bromodichloromethane	0.00007	0.00280	0.00007	0.92		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-01	**Lab Sample ID:**	0709164-007A	**Matrix:**	Soil
% Solids:	82.10	**Initial Calibration ID:**	1056	**File ID:**	J4644.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.46 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00019	0.00672	0.00019	0.92		U
Bromomethane	0.00015	0.0112	0.000684	0.92		FQ
Carbon tetrachloride	0.00013	0.00560	0.00013	0.92		U
Chlorobenzene	0.00008	0.00280	0.365	0.92		J
Chloroethane	0.00028	0.00560	0.00028	0.92		U
Chloroform	0.00008	0.00280	0.00008	0.92		U
Chloromethane	0.00035	0.00560	0.00035	0.92		U
cis-1,2-Dichloroethene	0.00018	0.00560	0.00018	0.92		U
cis-1,3-Dichloropropene	0.00010	0.00336	0.00010	0.92		U
Dibromochloromethane	0.00008	0.00336	0.00008	0.92		U
Dibromomethane	0.00013	0.00560	0.00013	0.92		U
Dichlorodifluoromethane	0.00009	0.00560	0.00009	0.92		U
Ethylbenzene	0.00015	0.00560	0.0242	0.92		
Hexachlorobutadiene	0.00043	0.00336	0.00043	0.92		U
Isopropylbenzene	0.00006	0.00560	0.0167	0.92		
Methyl tert-butyl ether	0.00015	0.0224	0.00015	0.92		U
Methylene chloride	0.00067	0.00560	0.00067	0.92		U
n-Butylbenzene	0.00015	0.00560	0.00689	0.92		
n-Propylbenzene	0.00003	0.00560	0.0154	0.92		
Naphthalene	0.00024	0.00560	0.108	0.92		
o-Xylene	0.00019	0.00560	0.00189	0.92		F
p-Isopropyltoluene	0.00019	0.00672	0.00798	0.92		
sec-Butylbenzene	0.00006	0.00560	0.00569	0.92		
Styrene	0.00013	0.00560	0.00013	0.92		U
tert-Butylbenzene	0.00009	0.00560	0.00160	0.92		F
Tetrachloroethene	0.00012	0.00560	0.00012	0.92		U
Toluene	0.00006	0.00560	0.000863	0.92		F
trans-1,2-Dichloroethene	0.00013	0.00560	0.00013	0.92		U
trans-1,3-Dichloropropene	0.00017	0.00560	0.00017	0.92		U
Trichloroethene	0.00013	0.00560	0.000986	0.92		F
Trichlorofluoromethane	0.00009	0.00560	0.00009	0.92		U
Vinyl chloride	0.00015	0.00560	0.00015	0.92		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-01	**Lab Sample ID:**	0709164-007A	**Matrix:**	Soil
% Solids:	82.10	**Initial Calibration ID:**	1056	**File ID:**	J4644.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.46 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00034	0.00560	0.0915	0.92		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	109	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1496393	1061351 - 4245404	
Chlorobenzene-d5	2359105	1422324 - 5689294	
Fluorobenzene	4659395	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-01 DL	**Lab Sample ID:**	0709164-007ADL	**Matrix:**	Soil
% Solids:	82.10	**Initial Calibration ID:**	1056	**File ID:**	J4669.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00040	0.0152	0.0287	2.5		
1,1,1,2-Tetrachloroethane	0.00049	0.00914	0.00049	2.5		U
1,1,1-Trichloroethane	0.00043	0.0152	0.00043	2.5		U
1,1,2,2-Tetrachloroethane	0.00043	0.00914	0.00043	2.5		U
1,1,2-Trichloroethane	0.00076	0.0152	0.00076	2.5		U
1,1-Dichloroethane	0.00024	0.0152	0.00024	2.5		U
1,1-Dichloroethene	0.00046	0.0183	0.00046	2.5		U
1,1-Dichloropropene	0.00058	0.0152	0.00058	2.5		U
1,2,3-Trichlorobenzene	0.00125	0.0152	0.00125	2.5		U
1,2,3-Trichloropropane	0.00070	0.0152	0.00070	2.5		U
1,2,4-Trichlorobenzene	0.00100	0.0152	0.00100	2.5		U
1,2,4-Trimethylbenzene	0.00018	0.0183	0.120	2.5		
1,2-Dibromo-3-chloropropane	0.00094	0.0305	0.00094	2.5		U
1,2-Dibromoethane	0.00024	0.0152	0.00024	2.5		U
1,2-Dichlorobenzene	0.00018	0.0152	0.00496	2.5		F
1,2-Dichloroethane	0.00033	0.00914	0.00033	2.5		U
1,2-Dichloropropane	0.00067	0.0152	0.00067	2.5		U
1,3,5-Trimethylbenzene	0.00024	0.0152	0.0343	2.5		Q
1,3-Dichlorobenzene	0.00033	0.0183	0.00231	2.5		F
1,3-Dichloropropane	0.00027	0.00761	0.00027	2.5		U
1,4-Dichlorobenzene	0.00018	0.00761	0.0598	2.5		
1-Chlorohexane	0.00049	0.0152	0.00049	2.5		U
2,2-Dichloropropane	0.00040	0.0152	0.00040	2.5		U
2-Butanone	0.00128	0.0609	0.00128	2.5		UQ
2-Chlorotoluene	0.00012	0.0152	0.00012	2.5		U
4-Chlorotoluene	0.00021	0.0152	0.00021	2.5		U
4-Methyl-2-pentanone	0.00097	0.0609	0.00097	2.5		U
Acetone	0.00091	0.152	0.0233	2.5		FQ
Benzene	0.00015	0.00761	0.00015	2.5		U
Bromobenzene	0.00046	0.0152	0.00046	2.5		U
Bromochloromethane	0.00061	0.0152	0.00061	2.5		U
Bromodichloromethane	0.00018	0.00761	0.00018	2.5		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-01 DL	**Lab Sample ID:**	0709164-007ADL	**Matrix:**	Soil
% Solids:	82.10	**Initial Calibration ID:**	1056	**File ID:**	J4669.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00052	0.0183	0.00052	2.5		U
Bromomethane	0.00040	0.0305	0.00219	2.5		F
Carbon tetrachloride	0.00037	0.0152	0.00037	2.5		U
Chlorobenzene	0.00021	0.00761	0.262	2.5		
Chloroethane	0.00076	0.0152	0.00076	2.5		U
Chloroform	0.00021	0.00761	0.00021	2.5		U
Chloromethane	0.00094	0.0152	0.00094	2.5		UQ
cis-1,2-Dichloroethene	0.00049	0.0152	0.00049	2.5		U
cis-1,3-Dichloropropene	0.00027	0.00914	0.00027	2.5		U
Dibromochloromethane	0.00021	0.00914	0.00021	2.5		U
Dibromomethane	0.00037	0.0152	0.00037	2.5		U
Dichlorodifluoromethane	0.00024	0.0152	0.00024	2.5		UQ
Ethylbenzene	0.00040	0.0152	0.00706	2.5		F
Hexachlorobutadiene	0.00116	0.00914	0.00116	2.5		U
Isopropylbenzene	0.00015	0.0152	0.00530	2.5		F
Methyl tert-butyl ether	0.00040	0.0609	0.00040	2.5		U
Methylene chloride	0.00183	0.0152	0.00183	2.5		U
n-Butylbenzene	0.00040	0.0152	0.00773	2.5		F
n-Propylbenzene	0.00009	0.0152	0.00776	2.5		F
Naphthalene	0.00064	0.0152	0.0695	2.5		
o-Xylene	0.00052	0.0152	0.00052	2.5		U
p-Isopropyltoluene	0.00052	0.0183	0.00332	2.5		FQ
sec-Butylbenzene	0.00015	0.0152	0.00457	2.5		F
Styrene	0.00037	0.0152	0.00037	2.5		U
tert-Butylbenzene	0.00024	0.0152	0.00024	2.5		U
Tetrachloroethene	0.00033	0.0152	0.00033	2.5		U
Toluene	0.00015	0.0152	0.00015	2.5		U
trans-1,2-Dichloroethene	0.00037	0.0152	0.00037	2.5		U
trans-1,3-Dichloropropene	0.00046	0.0152	0.00046	2.5		U
Trichloroethene	0.00037	0.0152	0.00037	2.5		U
Trichlorofluoromethane	0.00024	0.0152	0.00024	2.5		U
Vinyl chloride	0.00040	0.0152	0.00040	2.5		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-01 DL	**Lab Sample ID:**	0709164-007ADL	**Matrix:**	Soil
% Solids:	82.10	**Initial Calibration ID:**	1056	**File ID:**	J4669.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	2 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00091	0.0152	0.0287	2.5		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	101	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	113	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1257526	1061351 - 4245404	
Chlorobenzene-d5	1838607	1422324 - 5689294	
Fluorobenzene	4026901	3366154 - 13464618	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-02	**Lab Sample ID:**	0709164-008A	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	1056	**File ID:**	J4645.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00015	0.00585	0.000690	1.01		F
1,1,1,2-Tetrachloroethane	0.00019	0.00351	0.00019	1.01		U
1,1,1-Trichloroethane	0.00016	0.00585	0.00016	1.01		U
1,1,2,2-Tetrachloroethane	0.00016	0.00351	0.00016	1.01		U
1,1,2-Trichloroethane	0.00029	0.00585	0.00029	1.01		U
1,1-Dichloroethane	0.00009	0.00585	0.00009	1.01		U
1,1-Dichloroethene	0.00018	0.00702	0.00018	1.01		U
1,1-Dichloropropene	0.00022	0.00585	0.00022	1.01		U
1,2,3-Trichlorobenzene	0.00048	0.00585	0.00048	1.01		U
1,2,3-Trichloropropane	0.00027	0.00585	0.00027	1.01		U
1,2,4-Trichlorobenzene	0.00039	0.00585	0.00039	1.01		U
1,2,4-Trimethylbenzene	0.00007	0.00702	0.000784	1.01		F
1,2-Dibromo-3-chloropropane	0.00036	0.0117	0.00036	1.01		U
1,2-Dibromoethane	0.00009	0.00585	0.00009	1.01		U
1,2-Dichlorobenzene	0.00007	0.00585	0.103	1.01		
1,2-Dichloroethane	0.00013	0.00351	0.00013	1.01		U
1,2-Dichloropropane	0.00026	0.00585	0.00026	1.01		U
1,3,5-Trimethylbenzene	0.00009	0.00585	0.00009	1.01		U
1,3-Dichlorobenzene	0.00013	0.00702	0.00290	1.01		F
1,3-Dichloropropane	0.00011	0.00293	0.00011	1.01		U
1,4-Dichlorobenzene	0.00007	0.00293	0.0295	1.01		
1-Chlorohexane	0.00019	0.00585	0.00019	1.01		U
2,2-Dichloropropane	0.00015	0.00585	0.00015	1.01		U
2-Butanone	0.00049	0.0234	0.00049	1.01		U
2-Chlorotoluene	0.00005	0.00585	0.00005	1.01		U
4-Chlorotoluene	0.00008	0.00585	0.00008	1.01		U
4-Methyl-2-pentanone	0.00037	0.0234	0.00037	1.01		U
Acetone	0.00035	0.0585	0.00569	1.01		F
Benzene	0.00006	0.00293	0.00496	1.01		
Bromobenzene	0.00018	0.00585	0.00018	1.01		U
Bromochloromethane	0.00023	0.00585	0.00023	1.01		U
Bromodichloromethane	0.00007	0.00293	0.00007	1.01		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-02	**Lab Sample ID:**	0709164-008A	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	1056	**File ID:**	J4645.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00020	0.00702	0.00020	1.01		U
Bromomethane	0.00015	0.0117	0.000644	1.01		FQ
Carbon tetrachloride	0.00014	0.00585	0.00014	1.01		U
Chlorobenzene	0.00008	0.00293	0.204	1.01		
Chloroethane	0.00029	0.00585	0.00029	1.01		U
Chloroform	0.00008	0.00293	0.00008	1.01		U
Chloromethane	0.00036	0.00585	0.00036	1.01		U
cis-1,2-Dichloroethene	0.00019	0.00585	0.00019	1.01		U
cis-1,3-Dichloropropene	0.00011	0.00351	0.00011	1.01		U
Dibromochloromethane	0.00008	0.00351	0.00008	1.01		U
Dibromomethane	0.00014	0.00585	0.00014	1.01		U
Dichlorodifluoromethane	0.00009	0.00585	0.00009	1.01		U
Ethylbenzene	0.00015	0.00585	0.000913	1.01		F
Hexachlorobutadiene	0.00044	0.00351	0.00044	1.01		U
Isopropylbenzene	0.00006	0.00585	0.00006	1.01		U
Methyl tert-butyl ether	0.00015	0.0234	0.00015	1.01		U
Methylene chloride	0.00070	0.00585	0.00070	1.01		U
n-Butylbenzene	0.00015	0.00585	0.00247	1.01		F
n-Propylbenzene	0.00004	0.00585	0.000808	1.01		F
Naphthalene	0.00025	0.00585	0.00335	1.01		F
o-Xylene	0.00020	0.00585	0.00020	1.01		U
p-Isopropyltoluene	0.00020	0.00702	0.00020	1.01		U
sec-Butylbenzene	0.00006	0.00585	0.00215	1.01		F
Styrene	0.00014	0.00585	0.00014	1.01		U
tert-Butylbenzene	0.00009	0.00585	0.00009	1.01		U
Tetrachloroethene	0.00013	0.00585	0.00013	1.01		U
Toluene	0.00006	0.00585	0.000620	1.01		F
trans-1,2-Dichloroethene	0.00014	0.00585	0.00014	1.01		U
trans-1,3-Dichloropropene	0.00018	0.00585	0.00018	1.01		U
Trichloroethene	0.00014	0.00585	0.00111	1.01		F
Trichlorofluoromethane	0.00009	0.00585	0.00009	1.01		U
Vinyl chloride	0.00015	0.00585	0.00015	1.01		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-02	**Lab Sample ID:**	0709164-008A	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	1056	**File ID:**	J4645.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	03-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	4.93 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00035	0.00585	0.000690	1.01		F

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	52 - 149	
4-Bromofluorobenzene	92	84 - 118	
Dibromofluoromethane	98	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1296913	1061351 - 4245404	
Chlorobenzene-d5	2182726	1422324 - 5689294	
Fluorobenzene	5185749	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-02 RA	**Lab Sample ID:**	0709164-008ARA	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	1056	**File ID:**	J4667.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.41 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00014	0.00533	0.00014	0.92		U
1,1,1,2-Tetrachloroethane	0.00017	0.00320	0.00017	0.92		U
1,1,1-Trichloroethane	0.00015	0.00533	0.00015	0.92		U
1,1,2,2-Tetrachloroethane	0.00015	0.00320	0.00015	0.92		U
1,1,2-Trichloroethane	0.00027	0.00533	0.00027	0.92		U
1,1-Dichloroethane	0.00009	0.00533	0.00009	0.92		U
1,1-Dichloroethene	0.00016	0.00640	0.00016	0.92		U
1,1-Dichloropropene	0.00020	0.00533	0.00020	0.92		U
1,2,3-Trichlorobenzene	0.00044	0.00533	0.00044	0.92		U
1,2,3-Trichloropropane	0.00025	0.00533	0.00025	0.92		U
1,2,4-Trichlorobenzene	0.00035	0.00533	0.00035	0.92		U
1,2,4-Trimethylbenzene	0.00006	0.00640	0.00006	0.92		U
1,2-Dibromo-3-chloropropane	0.00033	0.0107	0.00033	0.92		U
1,2-Dibromoethane	0.00009	0.00533	0.00009	0.92		U
1,2-Dichlorobenzene	0.00006	0.00533	0.159	0.92		
1,2-Dichloroethane	0.00012	0.00320	0.00012	0.92		U
1,2-Dichloropropane	0.00023	0.00533	0.00023	0.92		U
1,3,5-Trimethylbenzene	0.00009	0.00533	0.00009	0.92		U
1,3-Dichlorobenzene	0.00012	0.00640	0.00385	0.92		F
1,3-Dichloropropane	0.00010	0.00267	0.00010	0.92		U
1,4-Dichlorobenzene	0.00006	0.00267	0.0411	0.92		
1-Chlorohexane	0.00017	0.00533	0.00017	0.92		U
2,2-Dichloropropane	0.00014	0.00533	0.00014	0.92		U
2-Butanone	0.00045	0.0213	0.00045	0.92		UQ
2-Chlorotoluene	0.00004	0.00533	0.00004	0.92		U
4-Chlorotoluene	0.00007	0.00533	0.00007	0.92		U
4-Methyl-2-pentanone	0.00034	0.0213	0.00034	0.92		U
Acetone	0.00032	0.0533	0.00454	0.92		FQ
Benzene	0.00005	0.00267	0.00569	0.92		
Bromobenzene	0.00016	0.00533	0.00016	0.92		U
Bromochloromethane	0.00021	0.00533	0.00021	0.92		U
Bromodichloromethane	0.00006	0.00267	0.00006	0.92		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-02 RA	**Lab Sample ID:**	0709164-008ARA	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	1056	**File ID:**	J4667.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.41 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00018	0.00640	0.00018	0.92		U
Bromomethane	0.00014	0.0107	0.00014	0.92		U
Carbon tetrachloride	0.00013	0.00533	0.00013	0.92		U
Chlorobenzene	0.00007	0.00267	0.275	0.92		J
Chloroethane	0.00027	0.00533	0.00027	0.92		U
Chloroform	0.00007	0.00267	0.00007	0.92		U
Chloromethane	0.00033	0.00533	0.00033	0.92		UQ
cis-1,2-Dichloroethene	0.00017	0.00533	0.00017	0.92		U
cis-1,3-Dichloropropene	0.00010	0.00320	0.00010	0.92		U
Dibromochloromethane	0.00007	0.00320	0.00007	0.92		U
Dibromomethane	0.00013	0.00533	0.00013	0.92		U
Dichlorodifluoromethane	0.00009	0.00533	0.00009	0.92		UQ
Ethylbenzene	0.00014	0.00533	0.000693	0.92		F
Hexachlorobutadiene	0.00041	0.00320	0.00041	0.92		U
Isopropylbenzene	0.00005	0.00533	0.00005	0.92		U
Methyl tert-butyl ether	0.00014	0.0213	0.00014	0.92		U
Methylene chloride	0.00064	0.00533	0.00064	0.92		U
n-Butylbenzene	0.00014	0.00533	0.00280	0.92		F
n-Propylbenzene	0.00003	0.00533	0.00003	0.92		U
Naphthalene	0.00022	0.00533	0.00022	0.92		U
o-Xylene	0.00018	0.00533	0.00018	0.92		U
p-Isopropyltoluene	0.00018	0.00640	0.00018	0.92		U
sec-Butylbenzene	0.00005	0.00533	0.00297	0.92		F
Styrene	0.00013	0.00533	0.00013	0.92		U
tert-Butylbenzene	0.00009	0.00533	0.00009	0.92		U
Tetrachloroethene	0.00012	0.00533	0.00012	0.92		U
Toluene	0.00005	0.00533	0.00005	0.92		U
trans-1,2-Dichloroethene	0.00013	0.00533	0.00013	0.92		U
trans-1,3-Dichloropropene	0.00016	0.00533	0.00016	0.92		U
Trichloroethene	0.00013	0.00533	0.00138	0.92		F
Trichlorofluoromethane	0.00009	0.00533	0.00009	0.92		U
Vinyl chloride	0.00014	0.00533	0.00014	0.92		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-SB42-02 RA	**Lab Sample ID:**	0709164-008ARA	**Matrix:**	Soil
% Solids:	86.30	**Initial Calibration ID:**	1056	**File ID:**	J4667.D
Date Received:	27-Sep-07	**Date Extracted:**		**Date Analyzed:**	04-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.41 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00032	0.00533	0.00032	0.92		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	89	84 - 118	
Dibromofluoromethane	97	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1167452	1061351 - 4245404	
Chlorobenzene-d5	2002505	1422324 - 5689294	
Fluorobenzene	4302028	3366154 - 13464618	

Comments:

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 14-SEP-07

Initial Calibration ID: 1056

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Sep 17 09:18:58 2007
Response via : Continuing Calibration

ICAL #1056

Calibration Files
2.0 =J4290.D 5.0 =J4291.D 20 =J4305.D
50 =J4293.D 100 =J4294.D 150 =J4295.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.248	0.302	0.244	0.278	0.290	0.293	0.277	8.10
3)	P	Chloromethane	0.364	0.405	0.344	0.345	0.357	0.364	0.362	5.73
4)	CP	Vinyl chloride	0.280	0.333	0.290	0.314	0.341	0.350	0.321	8.54
5)		Bromomethane	0.205	0.191	0.178	0.162	0.175	0.190	0.185	7.76
6)		Chloroethane	0.216	0.259	0.224	0.233	0.243	0.245	0.237	6.10
7)		Trichlorofluorometh	0.470	0.598	0.477	0.525	0.542	0.536	0.523	8.26
8)		Acetone	0.215	0.128	0.107	0.095	0.111	0.107	0.125	32.53
9)		Acrolein	0.046	0.062	0.068	0.066	0.075	0.072	0.067	16.58
10)	CPM	1,1-Dichloroethene	0.170	0.182	0.167	0.207	0.193	0.196	0.189	8.70
11)		Methyl iodide	0.162	0.189	0.199	0.300	0.284	0.287	0.246	24.32
12)		1,1,2-Trichloro-1,2	0.207	0.222	0.202	0.250	0.234	0.231	0.227	7.85
13)		Methyl acetate	0.159	0.269	0.293	0.303	0.318	0.287	0.282	21.21
14)		Acrylonitrile	0.086	0.121	0.129	0.121	0.135	0.128	0.122	13.90
15)		Methylene chloride	0.443	0.330	0.282	0.352	0.313	0.292	0.331	16.62
16)		Carbon disulfide	0.680	0.808	0.712	0.784	0.812	0.780	0.755	7.10
17)		trans-1,2-Dichloroe	0.222	0.220	0.215	0.254	0.239	0.242	0.236	7.32
18)		Methyl tert-Butyl e	0.699	0.722	0.813	0.847	0.815	0.769	0.778	6.79
19)	P	1,1-Dichloroethane	0.450	0.456	0.455	0.505	0.478	0.470	0.471	4.21
20)		Vinyl acetate	0.245	0.370	0.400	0.441	0.495	0.449	0.411	20.61
21)		2-Butanone	0.193	0.186	0.196	0.178	0.209	0.202	0.196	5.69
22)		cis-1,2-Dichloroeth	0.239	0.241	0.256	0.285	0.269	0.270	0.264	7.72
23)		Bromochloromethane	0.108	0.110	0.125	0.133	0.129	0.129	0.126	10.51
24)	CP	Chloroform	0.424	0.415	0.421	0.465	0.441	0.433	0.436	4.05
25)		2,2-Dichloropropane	0.335	0.338	0.345	0.409	0.393	0.390	0.374	8.82
26)		Cyclohexane	0.476	0.461	0.446	0.534	0.509	0.504	0.491	6.32
27)	S	Dibromofluoromethan	0.202	0.197	0.209	0.230	0.221	0.222	0.218	7.87
28)	S	1,2-Dichloroethane-	0.307	0.284	0.303	0.314	0.306	0.292	0.303	3.82
29)		1,2-Dichloroethane	0.362	0.339	0.367	0.382	0.370	0.354	0.365	4.06
30)		1,1,1-Trichloroetha	0.353	0.352	0.357	0.424	0.399	0.401	0.386	8.02
31)		1,1-Dichloropropene	0.299	0.306	0.310	0.369	0.351	0.350	0.335	8.76
32)		Carbon tetrachlorid	0.245	0.246	0.259	0.323	0.309	0.319	0.291	13.56
33)	M	Benzene	1.037	1.013	1.051	1.157	1.038	0.941	1.010	10.03
34)	M	Trichloroethene	0.243	0.244	0.239	0.276	0.267	0.274	0.262	7.60
35)		Dibromomethane	0.136	0.137	0.157	0.165	0.161	0.156	0.155	8.94
36)		Methylcyclohexane	0.408	0.418	0.404	0.485	0.466	0.459	0.445	7.64
37)	CP	1,2-Dichloropropane	0.263	0.258	0.279	0.293	0.286	0.282	0.281	5.76
38)		Bromodichloromethan	0.264	0.273	0.313	0.341	0.337	0.333	0.318	11.39
39)		2-Chloroethylvinyl	0.023	0.031	0.032	0.026	0.027	0.027	0.028	11.49
40)		4-Methyl-2-pentanon	0.331	0.353	0.400	0.368	0.400	0.367	0.364	7.95
41)		cis-1,3-Dichloropro	0.345	0.360	0.429	0.466	0.459	0.447	0.425	12.07
42)	S	Toluene-d8	0.782	0.797	0.837	0.926	0.837	0.771	0.809*	8.23
43)	CPM	Toluene	0.865	0.696	0.657	0.754	0.693	0.655	0.707	11.34

ok (W) 9-20-07 ABM 9-19-07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Sep 17 09:18:58 2007
Response via : Continuing Calibration

Calibration Files
2.0 =J4290.D 5.0 =J4291.D 20 =J4305.D
50 =J4293.D 100 =J4294.D 150 =J4295.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.299	0.320	0.386	0.422	0.422	0.409	0.385	14.03
45)		1,1,2-Trichloroetha	0.174	0.174	0.201	0.207	0.203	0.197	0.196	8.57
46)		2-Hexanone	0.220	0.248	0.293	0.266	0.300	0.284	0.268	10.41
47)		1,2-Dibromoethane	0.180	0.192	0.229	0.237	0.235	0.229	0.223	12.17
48)	I	Chlorobenzene-d5	ISTD							
49)		1,3-Dichloropropane	0.888	0.918	1.021	1.058	1.026	0.970	0.985	6.31
50)		Dibromochloromethan	0.426	0.435	0.544	0.606	0.607	0.603	0.557	17.00
51)		Tetrachloroethene	0.543	0.551	0.537	0.656	0.618	0.633	0.601	9.33
52)		1-Chlorohexane	0.712	0.729	0.710	0.872	0.821	0.806	0.781	8.18
53)		1,1,1,2-Tetrachloro	0.435	0.457	0.520	0.583	0.558	0.562	0.533	12.37
54)	PM	Chlorobenzene	1.563	1.557	1.584	1.748	1.612	1.519	1.576	5.87
55)	CP	Ethylbenzene	2.805	2.833	2.768	3.076	2.587	2.197	2.597	15.57
56)		(m+p)-Xylene	0.930	0.958	0.966	1.115	1.007	0.924	0.962	9.02
57)		o-Xylene	0.896	0.887	0.961	1.091	1.027	1.032	0.992	7.90
58)		Styrene	1.318	1.394	1.609	1.832	1.694	1.582	1.558	11.36
59)	P	Bromoform	0.242	0.264	0.357	0.418	0.428	0.432	0.377	25.15
60)	S	Bromofluorobenzene	0.787	0.691	0.725	0.792	0.753	0.747	0.756	5.12
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.129	0.142	0.206	0.222	0.233	0.221	0.200	23.25
63)	P	1,1,2,2-Tetrachloro	0.928	0.949	1.118	1.144	1.119	1.019	1.054	8.38
64)		Isopropylbenzene	3.201	3.349	3.559	3.866	3.289	2.791	3.211*	14.88
65)		1,2,3-Trichloroprop	0.885	0.866	0.995	1.003	1.003	0.909	0.950	6.39
66)		Bromobenzene	0.793	0.837	0.918	0.975	0.943	0.942	0.918	8.45
67)		n-Propylbenzene	3.860	3.946	4.023	4.425	3.695	3.036	3.655	17.16
68)		2-Chlorotoluene	2.623	2.628	2.727	2.944	2.726	2.510	2.641	7.25
69)		4-Chlorotoluene	2.235	2.258	2.349	2.562	2.364	2.145	2.269	8.21
70)		1,3,5-Trimethylbenz	2.400	2.501	2.607	2.909	2.639	2.366	2.508	9.78
71)		tert-Butylbenzene	2.127	2.244	2.435	2.704	2.437	2.251	2.322	9.49
72)		1,2,4-Trimethylbenz	2.230	2.271	2.451	2.690	2.466	2.241	2.340	9.09
73)		sec-Butylbenzene	3.183	3.412	3.605	4.001	3.367	2.842	3.265	15.53
74)		1,3-Dichlorobenzene	1.396	1.439	1.484	1.604	1.526	1.467	1.482	4.53
75)		p-Isopropyltoluene	2.445	2.618	2.743	3.131	2.779	2.441	2.617	11.79
76)		1,4-Dichlorobenzene	1.670	1.517	1.470	1.604	1.505	1.446	1.521	5.70
77)		n-Butylbenzene	2.188	2.305	2.289	2.684	2.433	2.173	2.288*	10.12
78)		1,2-Dichlorobenzene	1.351	1.377	1.469	1.551	1.481	1.431	1.443	4.63
79)		1,2-Dibromo-3-chlor	0.151	0.145	0.202	0.201	0.211	0.191	0.186	14.24
80)		1,2,4-Trichlorobenz	0.641	0.689	0.713	0.834	0.788	0.722	0.723	9.23
81)		Hexachlorobutadiene	0.471	0.517	0.550	0.637	0.595	0.543	0.542	11.12
82)		Naphthalene	1.080	1.188	1.734	1.832	1.726	1.476	1.488	19.48
83)		1,2,3-Trichlorobenz	0.591	0.618	0.709	0.783	0.714	0.639	0.672	9.85

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 19 09:34:38 2007
Response via : Initial Calibration

Calibration Files
200 =J4296.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.287		
3)	P	Chloromethane	0.354		
4)	CP	Vinyl chloride	0.341		
5)		Bromomethane	0.196		
6)		Chloroethane	0.241		
7)		Trichlorofluorometh	0.513		
8)		Acetone	0.114		
9)		Acrolein	0.080		
10)	CPM	1,1-Dichloroethene	0.208		
11)		Methyl iodide	0.300		
12)		1,1,2-Trichloro-1,2	0.243		
13)		Methyl acetate	0.347		
14)		Acrylonitrile	0.137		
15)		Methylene chloride	0.302		
16)		Carbon disulfide	0.708		
17)		trans-1,2-Dichloroe	0.259		
)		Methyl tert-Butyl e	0.782		
19)	P	1,1-Dichloroethane	0.485		
20)		Vinyl acetate	0.478		
21)		2-Butanone	0.207		
22)		cis-1,2-Dichloroeth	0.292		
23)		Bromochloromethane	0.146		
24)	CP	Chloroform	0.450		
25)		2,2-Dichloropropane	0.406		
26)		Cyclohexane	0.510		
27)	S	Dibromofluoromethan	0.247		
28)	S	1,2-Dichloroethane-	0.315		
29)		1,2-Dichloroethane	0.378		
30)		1,1,1-Trichloroetha	0.415		
31)		1,1-Dichloropropene	0.362		
32)		Carbon tetrachlorid	0.337		
33)	M	Benzene	0.831		
34)	M	Trichloroethene	0.290		
35)		Dibromomethane	0.174		
36)		Methylcyclohexane	0.475		
37)	CP	1,2-Dichloropropane	0.304		
38)		Bromodichloromethan	0.361		
39)		2-Chloroethylvinyl	0.030		
40)		4-Methyl-2-pentanon	0.329		
41)		cis-1,3-Dichloropro	0.465		
42)	S	Toluene-d8	0.714		
)	CPM	Toluene	0.630		

(#) = Out of Range ### Number of calibration levels exceeded format ###

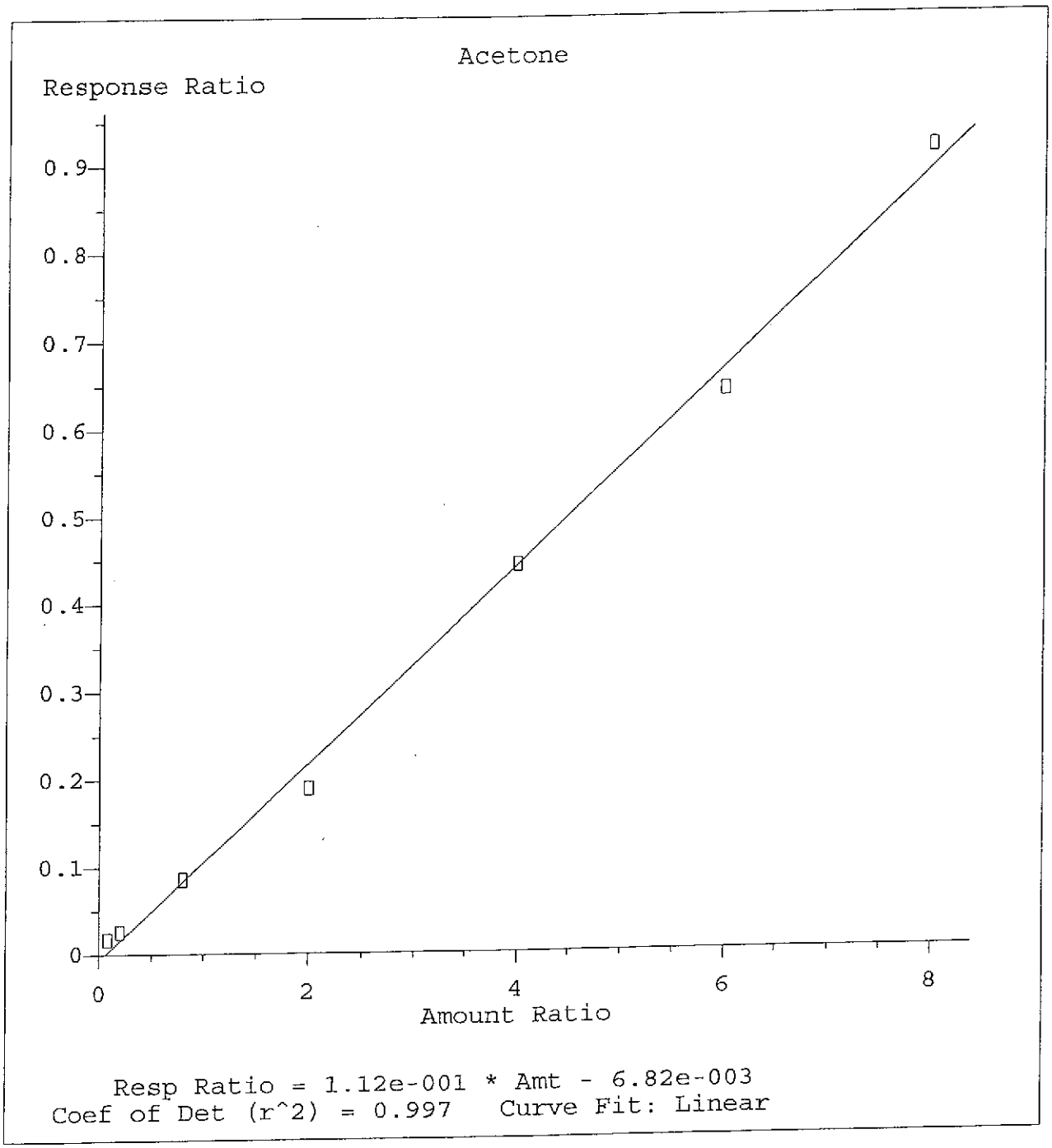
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 19 09:34:38 2007
Response via : Initial Calibration

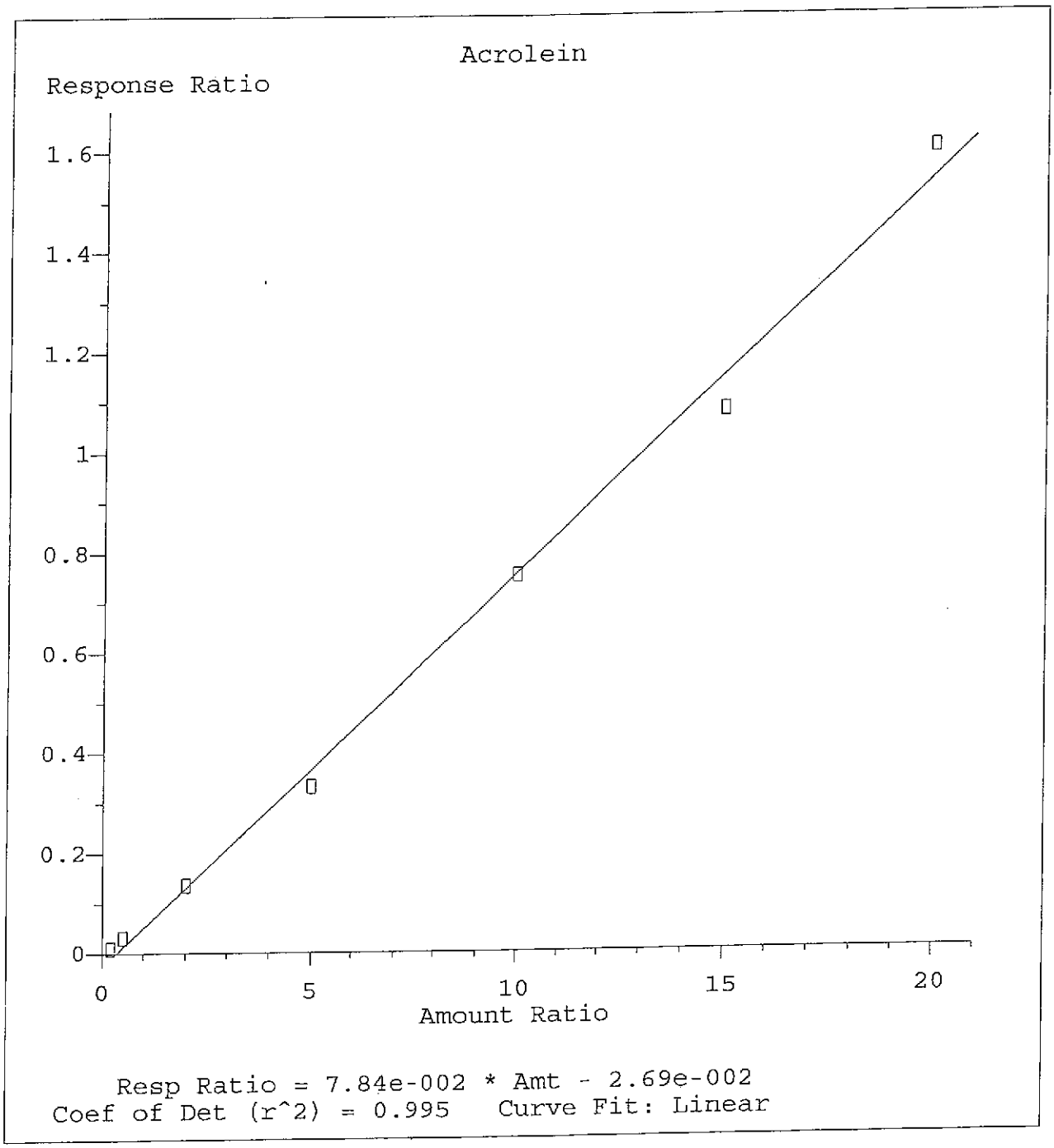
Calibration Files
200 =J4296.D , = =
= = =

		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.436		
45)		1,1,2-Trichloroetha	0.220		
46)		2-Hexanone	0.264		
47)		1,2-Dibromoethane	0.256		
48)	I	Chlorobenzene-d5	ISTD		
49)		1,3-Dichloropropane	1.012		
50)		Dibromochloromethan	0.678		
51)		Tetrachloroethene	0.669		
52)		1-Chlorohexane	0.819		
53)		1,1,1,2-Tetrachloro	0.615		
54)	PM	Chlorobenzene	1.448		
55)	CP	Ethylbenzene	1.917		
56)		(m+p)-Xylene	0.831		
57)		o-Xylene	1.049		
58)		Styrene	1.477		
59)	P	Bromoform	0.500		
60)	S	Bromofluorobenzene	0.794		
61)	I	1,4-Dichlorobenzene-d	ISTD		
62)		trans-1,4-Dichloro-	0.251		
63)	P	1,1,2,2-Tetrachloro	1.101		
64)		Isopropylbenzene	2.425		
65)		1,2,3-Trichloroprop	0.989		
66)		Bromobenzene	1.014		
67)		n-Propylbenzene	2.597		
68)		2-Chlorotoluene	2.331		
69)		4-Chlorotoluene	1.968		
70)		1,3,5-Trimethylbenz	2.133		
71)		tert-Butylbenzene	2.057		
72)		1,2,4-Trimethylbenz	2.033		
73)		sec-Butylbenzene	2.447		
74)		1,3-Dichlorobenzene	1.457		
75)		p-Isopropyltoluene	2.164		
76)		1,4-Dichlorobenzene	1.434		
77)		n-Butylbenzene	1.942		
78)		1,2-Dichlorobenzene	1.440		
79)		1,2-Dibromo-3-chlor	0.201		
80)		1,2,4-Trichlorobenz	0.676		
81)		Hexachlorobutadiene	0.477		
82)		Naphthalene	1.379		
83)		1,2,3-Trichlorobenz	0.654		

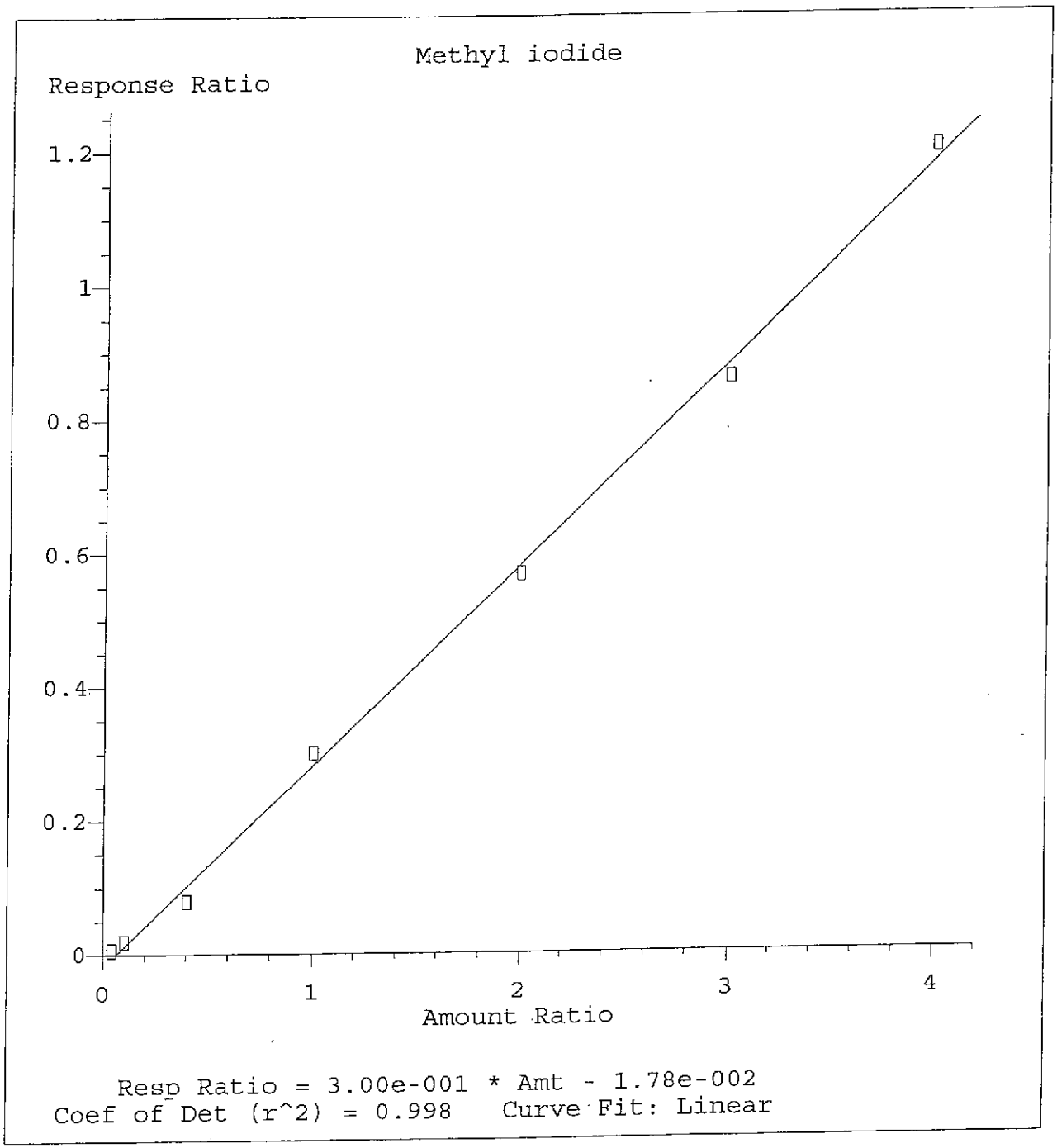
(#) = Out of Range ### Number of calibration levels exceeded format ###



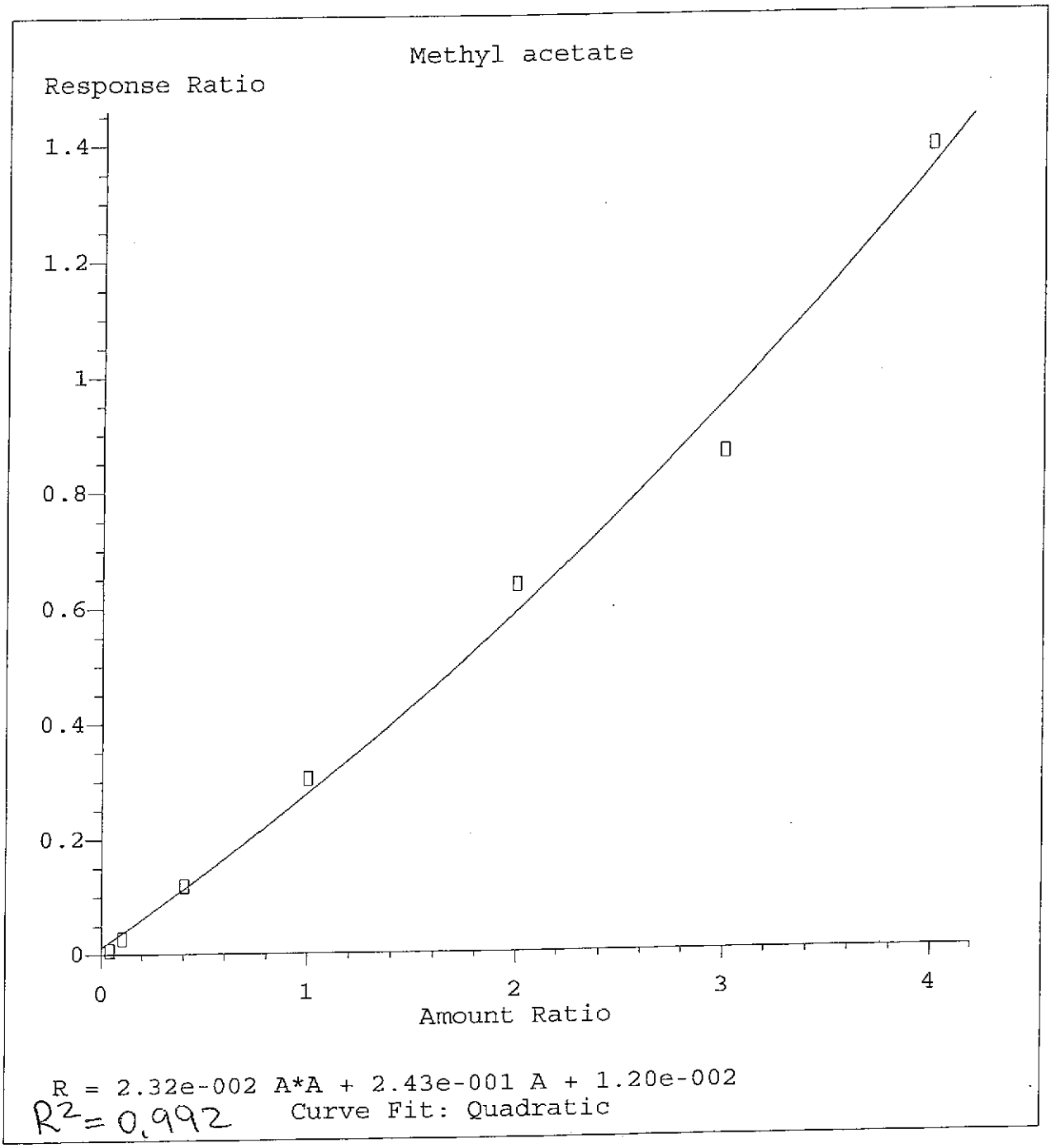
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:18:58 2007



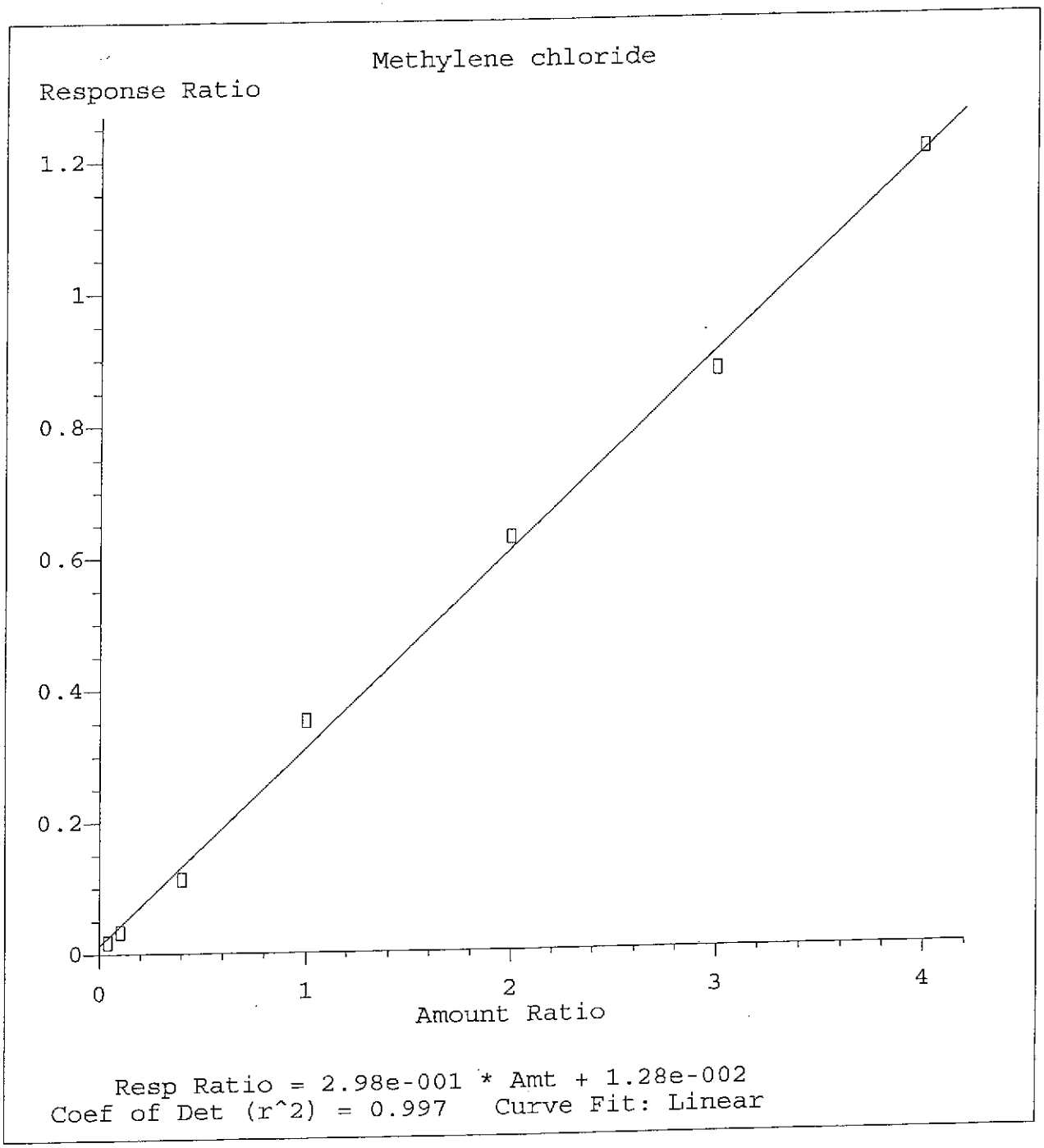
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:25:40 2007



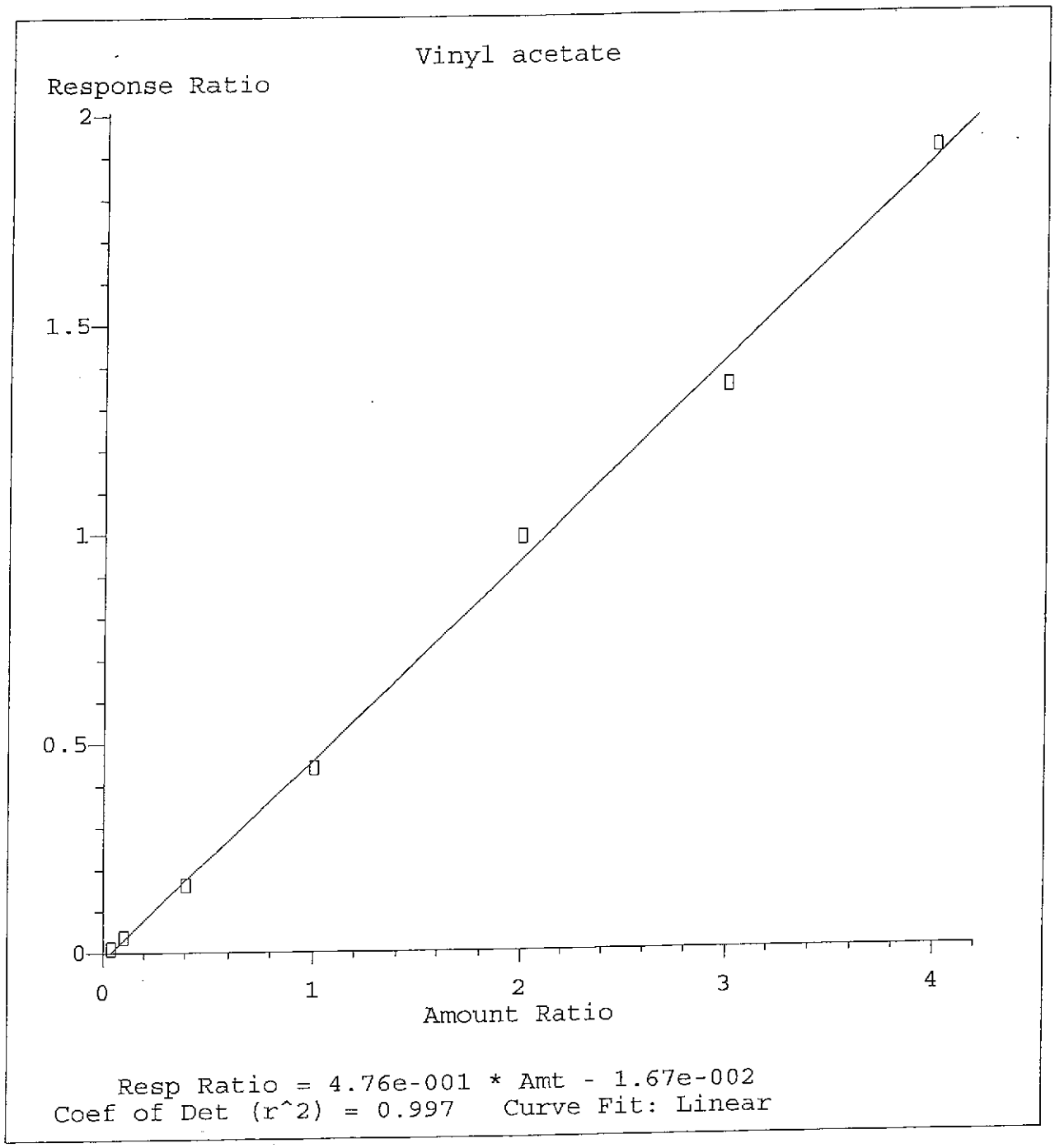
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Wed Sep 19 09:17:37 2007



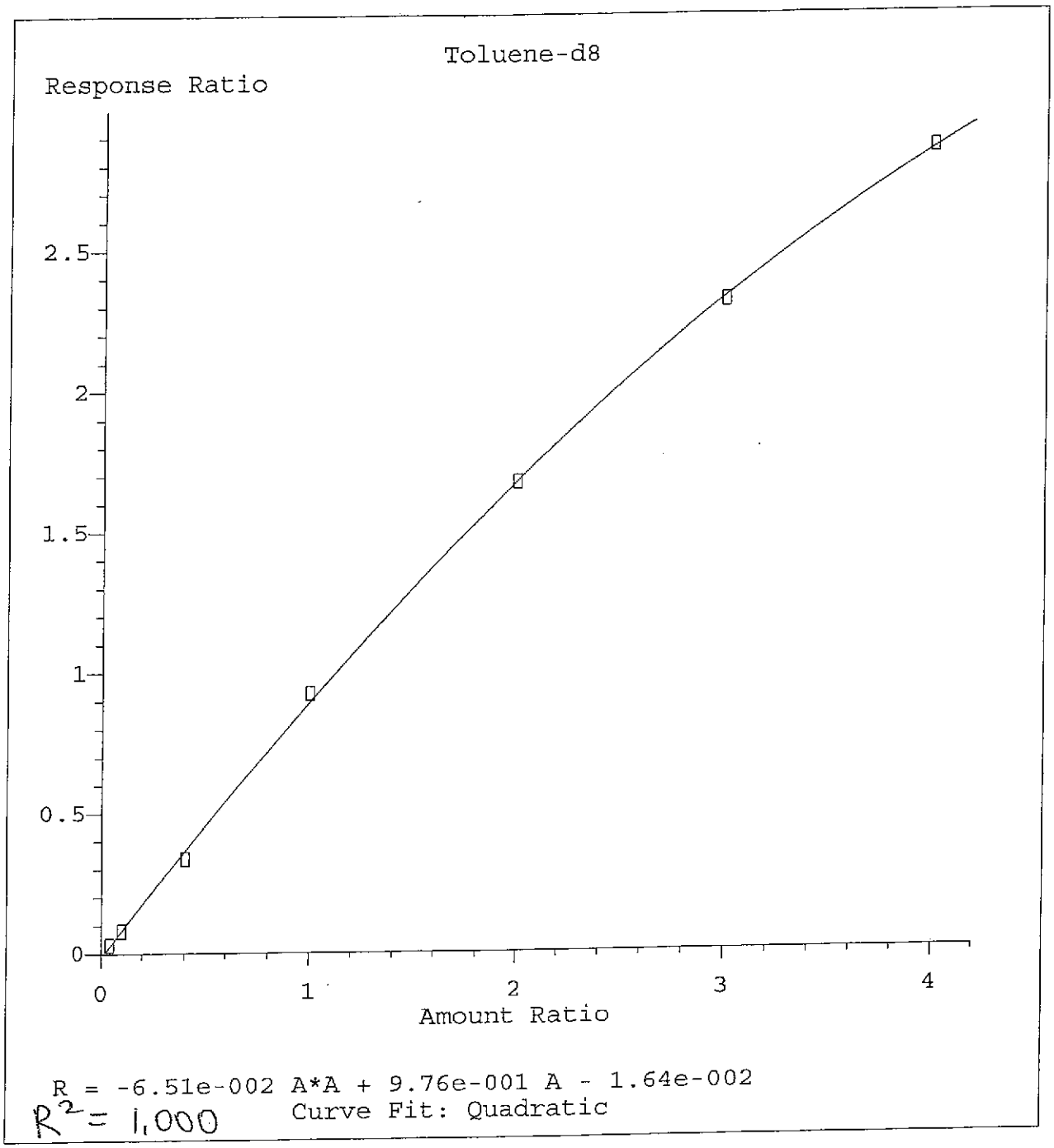
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:26:21 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:26:57 2007



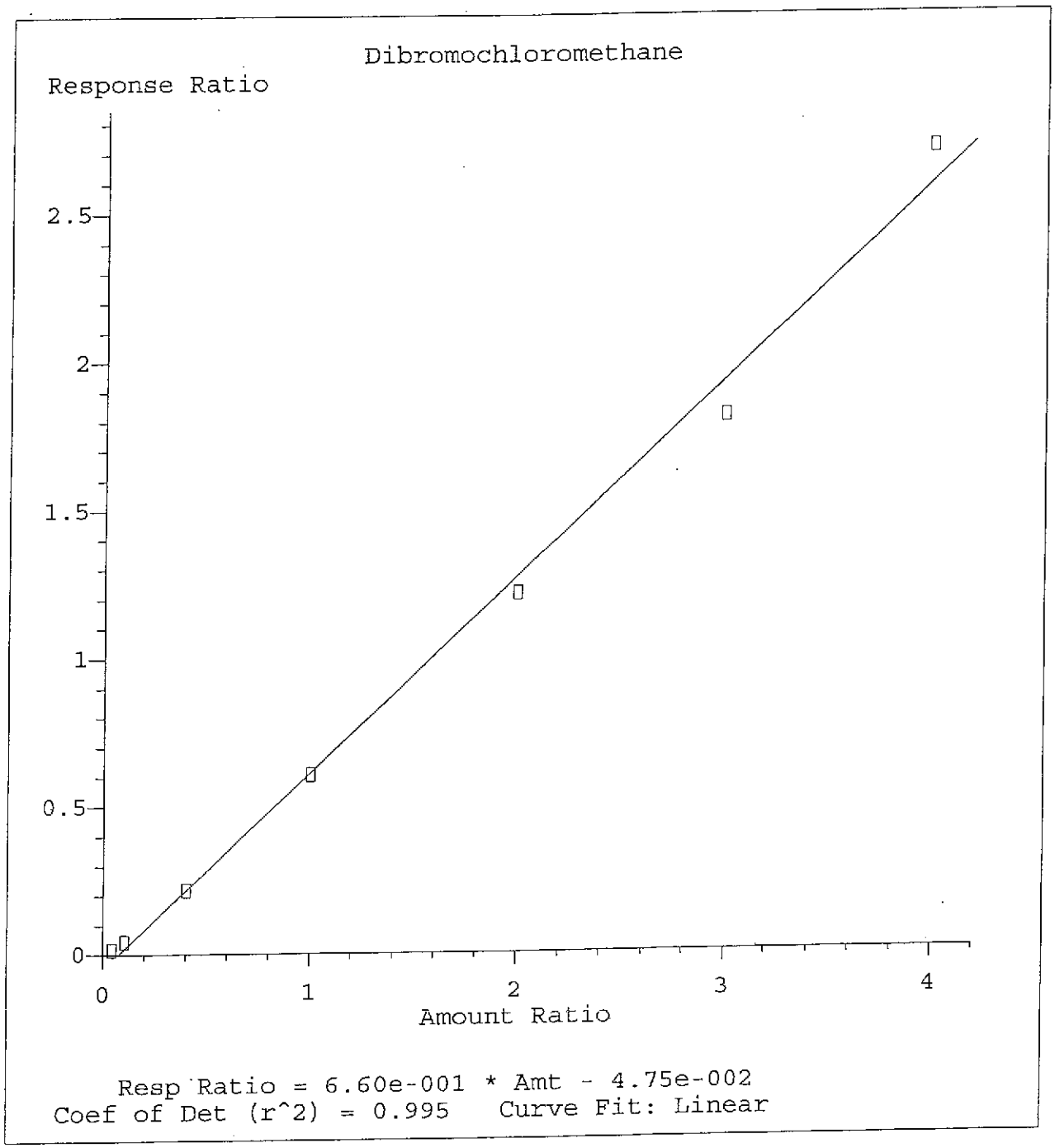
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:27:31 2007



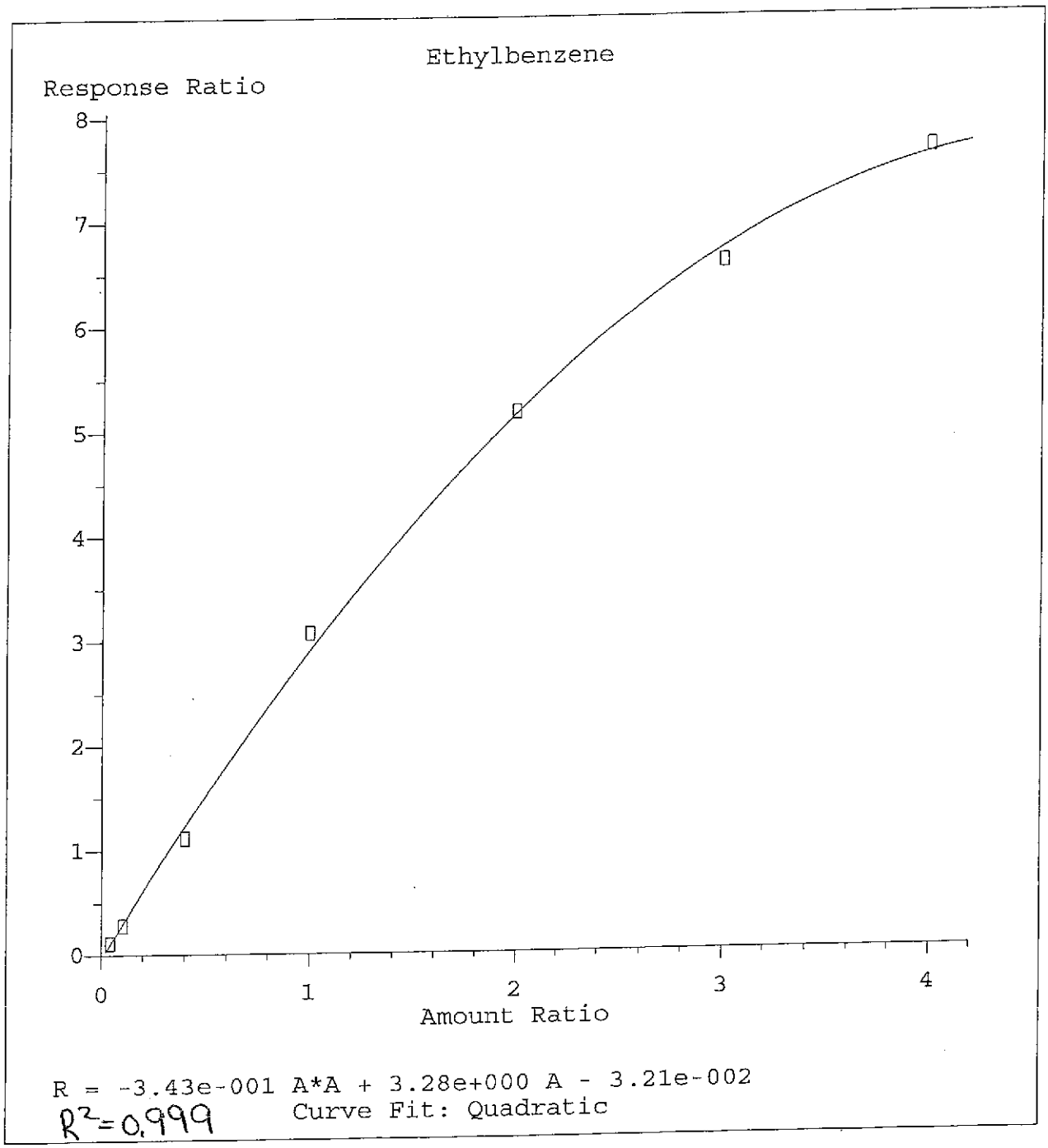
$R^2 = 1.000$

ABM 9-18-07

Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Tue Sep 18 14:34:57 2007

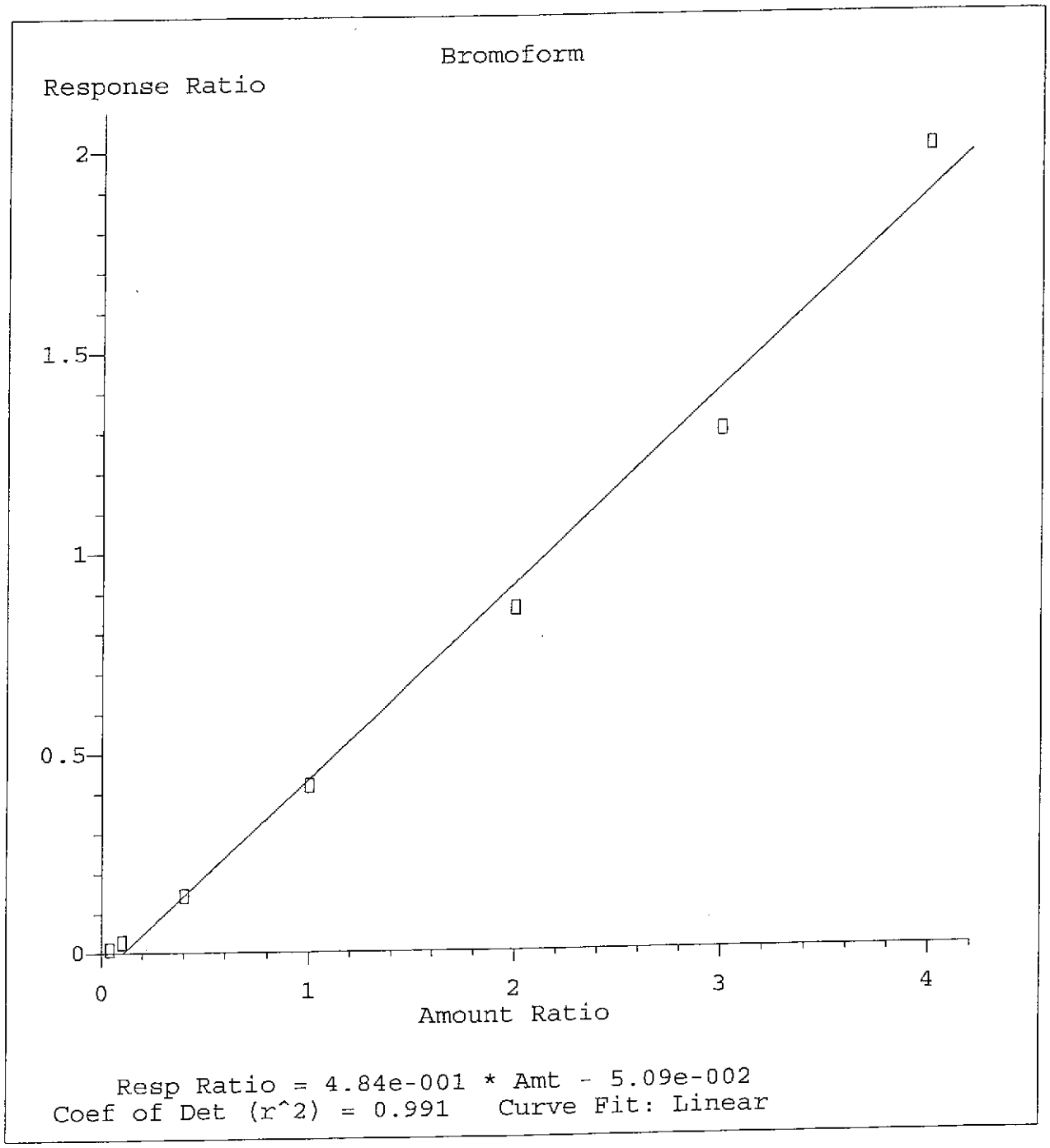


Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:28:00 2007

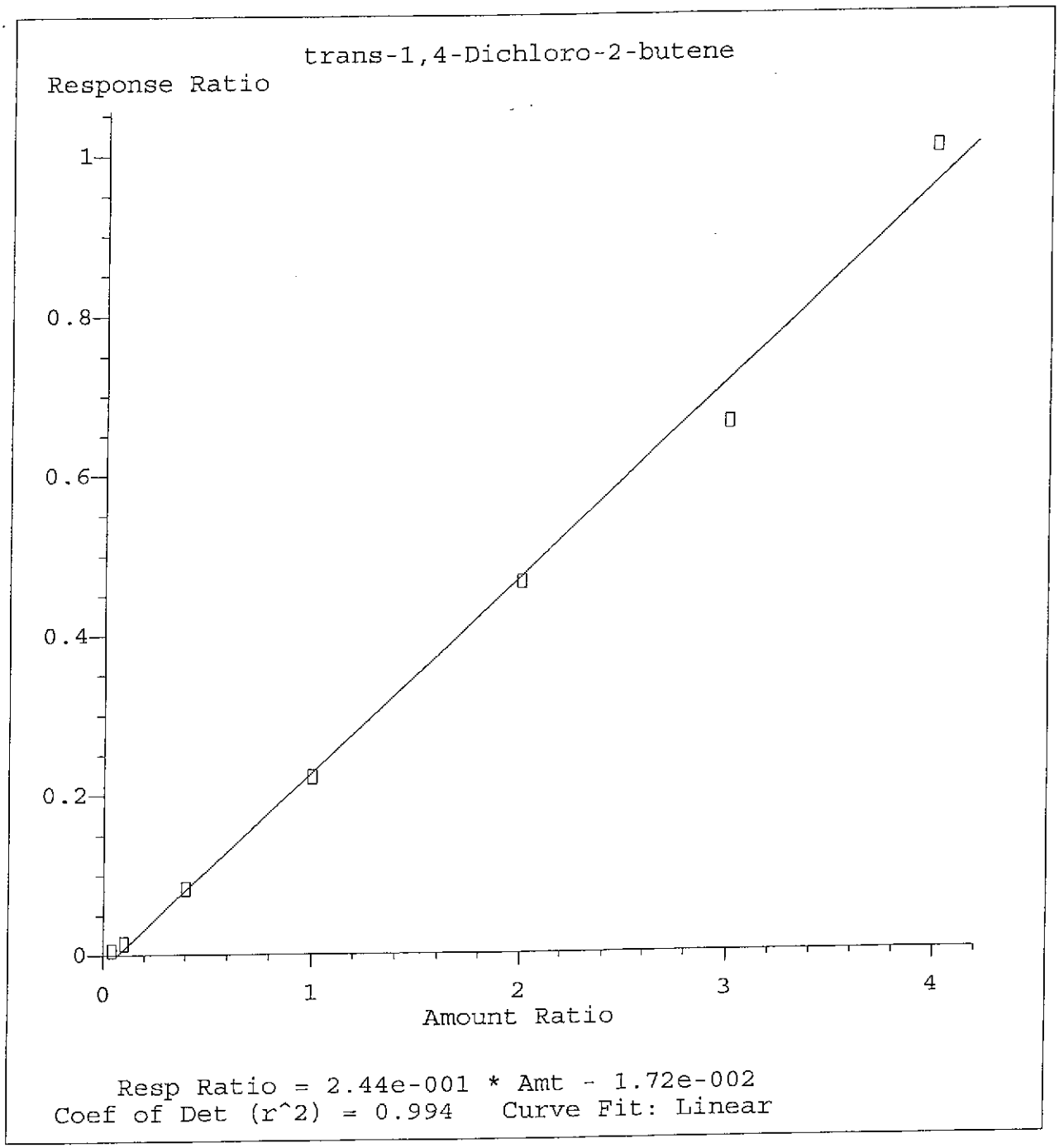


$R^2 = 0.999$

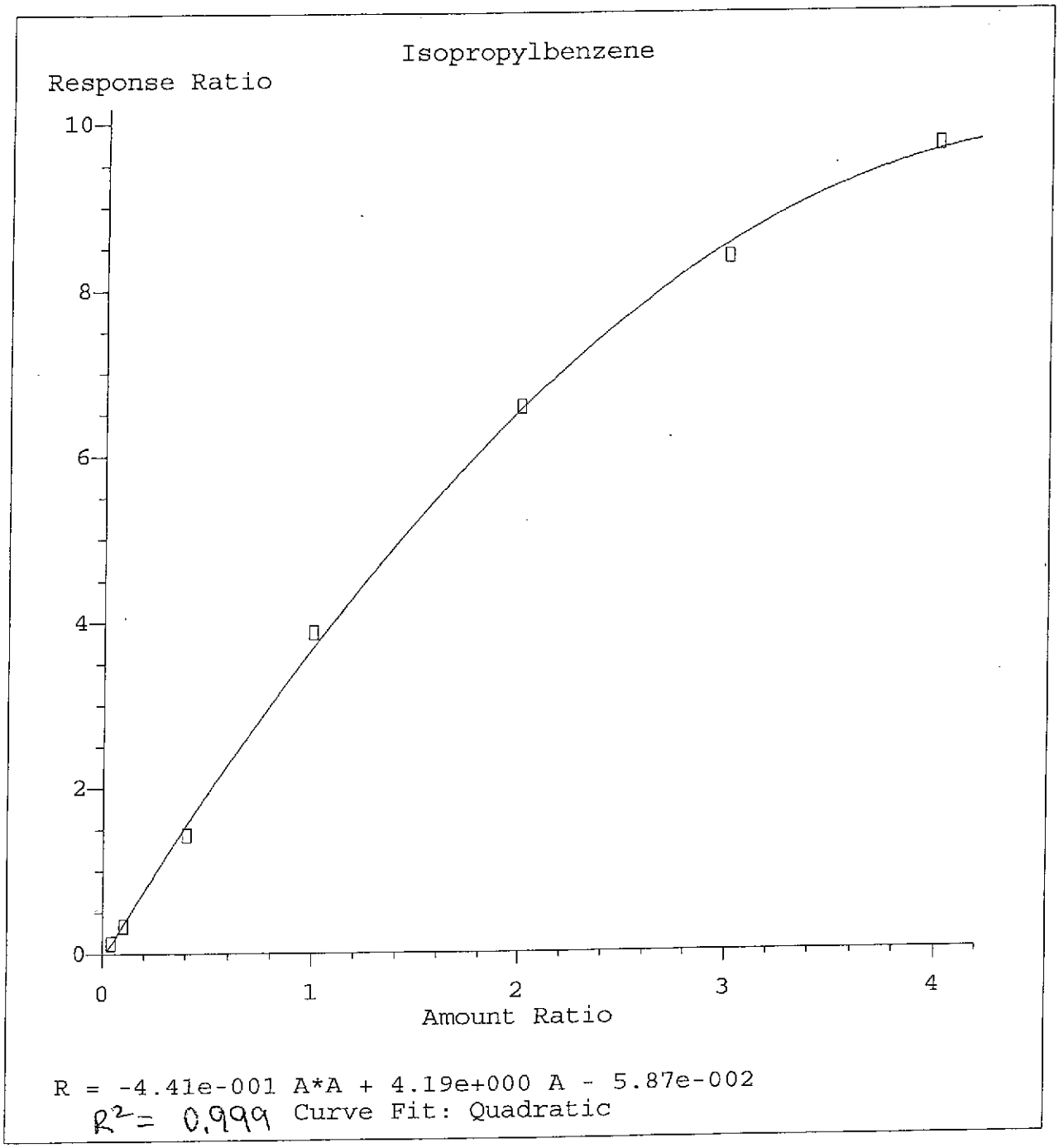
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:29:06 2007



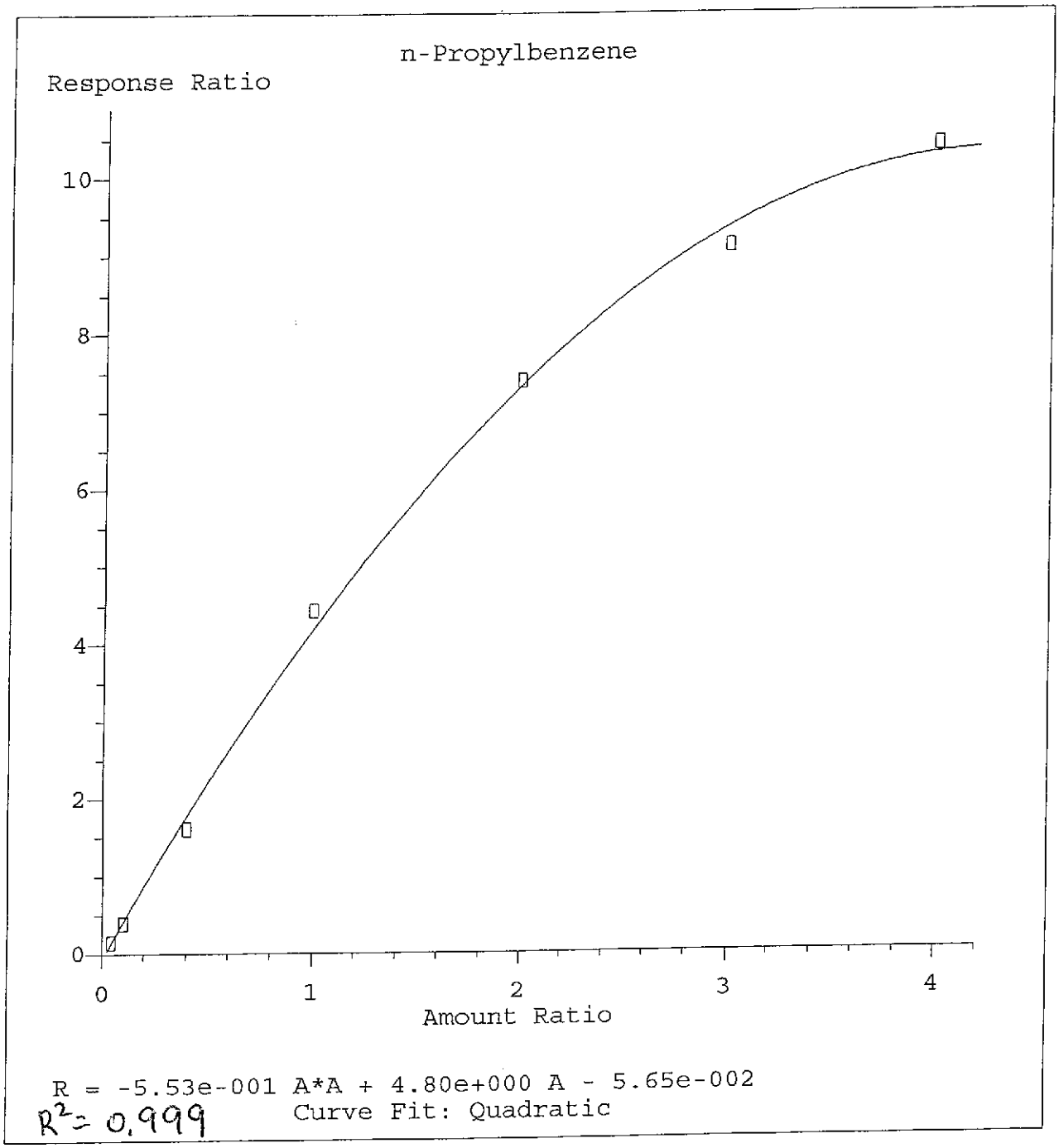
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:30:32 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:31:54 2007

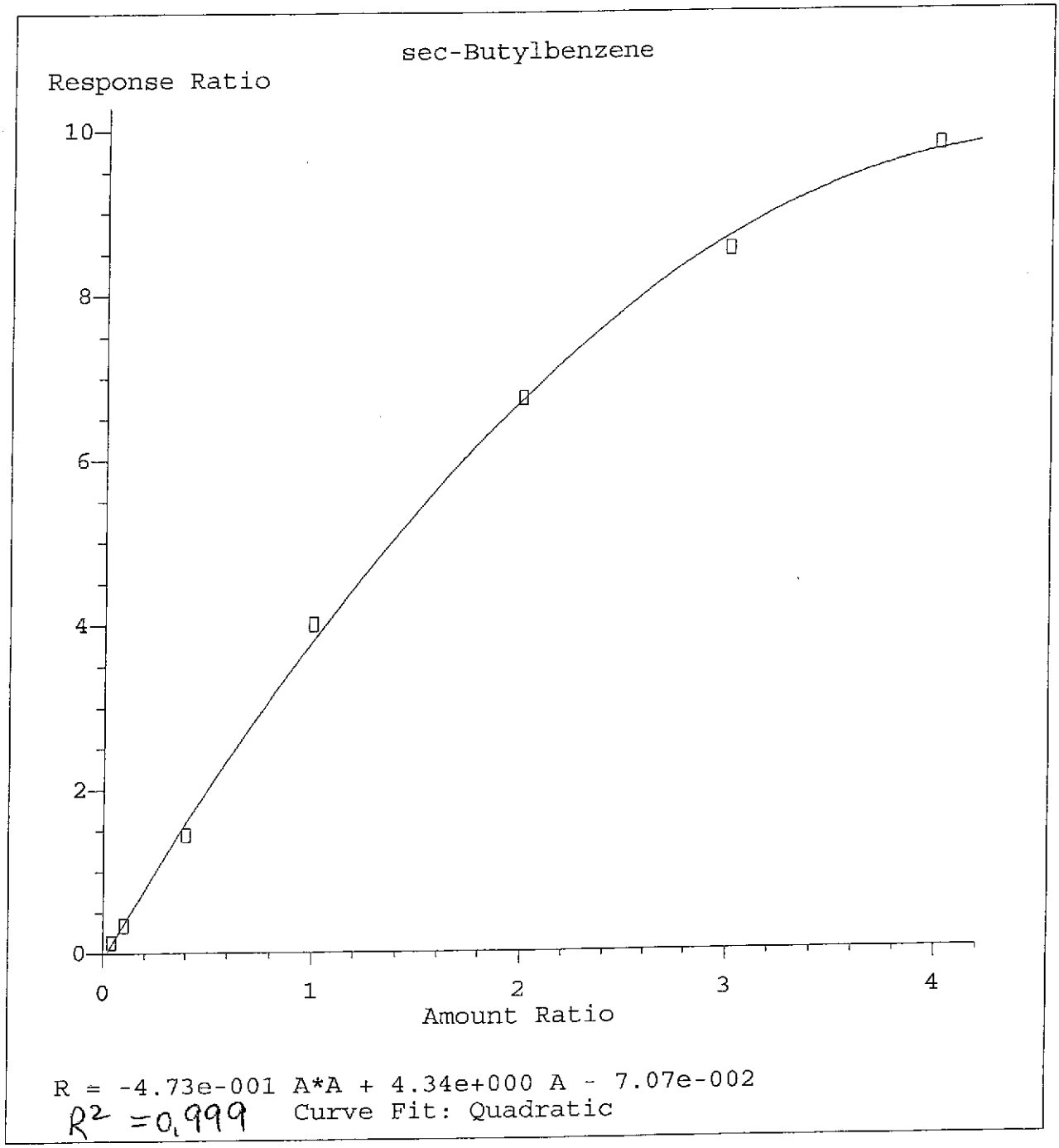


Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:45:12 2007

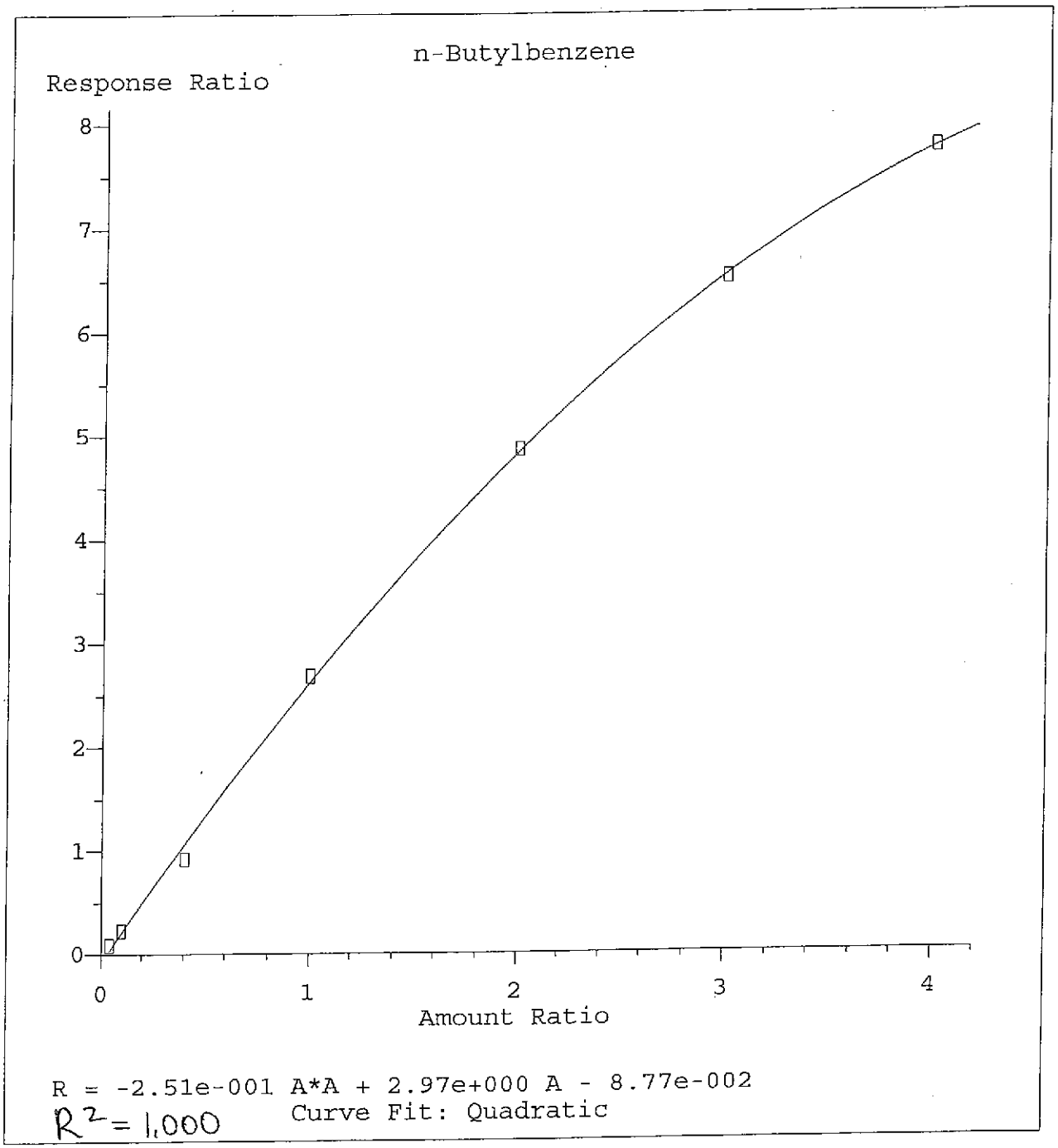


$R^2 = 0.999$

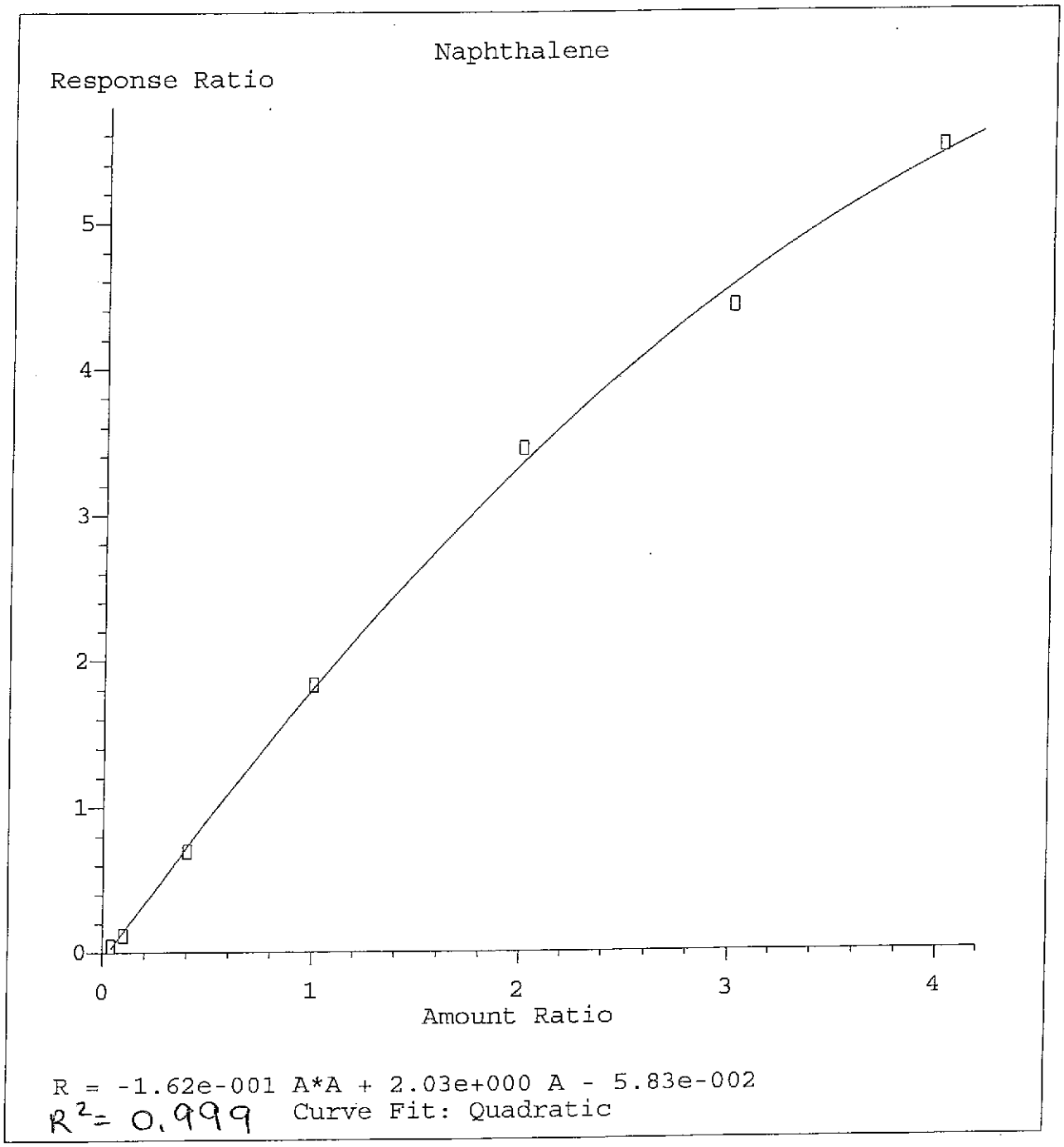
Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:32:44 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:38:53 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:54:50 2007



Method Name: C:\HPCHEM\1\METHODS\J914VOCS.M
Calibration Table Last Updated: Mon Sep 17 09:44:41 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 25-SEP-07

Initial Calibration ID: 1060

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

ICAL #1060

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.511	0.418	0.389	0.526	0.504	0.514	0.478	11.09
3)	P	Chloromethane	0.607	0.543	0.501	0.602	0.579	0.600	0.570	6.80
4)	CP	Vinyl chloride	0.499	0.448	0.407	0.535	0.521	0.541	0.494	9.94
5)		Bromomethane	0.401	0.361	0.257	0.315	0.324	0.354	0.336	13.33
6)		Chloroethane	0.419	0.360	0.322	0.384	0.371	0.378	0.370	7.99
7)		Trichlorofluorometh	0.595	0.561	0.506	0.663	0.673	0.639	0.605	9.80
8)		Acetone		0.076	0.058	0.058	0.060	0.058	0.061	11.58
9)		Acrolein	0.034	0.031	0.027	0.030	0.034	0.031	0.031	7.99
10)	CPM	1,1-Dichloroethene	0.187	0.173	0.167	0.207	0.215	0.207	0.195	9.75
11)		Methyl iodide	0.201	0.174	0.190	0.257	0.258	0.270	0.232	18.22
12)		1,1,2-Trichloro-1,2	0.236	0.209	0.210	0.257	0.266	0.254	0.241	9.59
13)		Methyl acetate	0.190	0.177	0.175	0.187	0.205	0.186	0.186	5.33
14)		Acrylonitrile	0.067	0.071	0.067	0.073	0.077	0.071	0.070	5.29
15)		Methylene chloride	0.553	0.441	0.297	0.285	0.277	0.268	0.341	32.61
16)		Carbon disulfide	0.939	0.821	0.780	1.001	0.974	0.936	0.901	9.23
17)		trans-1,2-Dichloroe	0.240	0.223	0.211	0.256	0.272	0.256	0.245	8.78
18)		Methyl tert-Butyl e	0.526	0.576	0.529	0.636	0.678	0.633	0.600	9.57
19)	P	1,1-Dichloroethane	0.484	0.473	0.429	0.510	0.522	0.490	0.483	6.20
20)		Vinyl acetate	0.262	0.252	0.259	0.313	0.343	0.352	0.303	14.71
21)		2-Butanone	0.094	0.098	0.086	0.096	0.100	0.097	0.095	4.68
22)		cis-1,2-Dichloroeth	0.260	0.258	0.237	0.281	0.298	0.280	0.270	7.40
23)		Bromochloromethane	0.120	0.132	0.110	0.122	0.127	0.126	0.123	5.87
24)	CP	Chloroform	0.498	0.440	0.408	0.485	0.496	0.465	0.463	7.15
25)		2,2-Dichloropropane	0.337	0.293	0.286	0.388	0.407	0.414	0.362	15.43
26)		Cyclohexane	0.455	0.408	0.399	0.566	0.574	0.561	0.502	15.63
27)	S	Dibromofluoromethan	0.224	0.207	0.184	0.225	0.235	0.225	0.218	7.88
28)	S	1,2-Dichloroethane-	0.283	0.273	0.255	0.292	0.302	0.278	0.280	5.33
29)		1,2-Dichloroethane	0.338	0.329	0.306	0.348	0.357	0.332	0.334	4.89
30)		1,1,1-Trichloroetha	0.394	0.347	0.323	0.428	0.436	0.426	0.397	11.29
31)		1,1-Dichloropropene	0.326	0.303	0.293	0.386	0.396	0.390	0.355	12.77
32)		Carbon tetrachlorid	0.272	0.239	0.234	0.314	0.334	0.335	0.295	15.55
33)	M	Benzene	1.097	1.018	0.975	1.196	1.161	1.104	1.085	7.25
34)	M	Trichloroethene	0.286	0.248	0.230	0.293	0.303	0.302	0.281	10.59
35)		Dibromomethane	0.148	0.126	0.130	0.143	0.151	0.144	0.141	6.66
36)		Methylcyclohexane	0.391	0.357	0.370	0.496	0.506	0.500	0.446	15.59
37)	CP	1,2-Dichloropropane	0.276	0.274	0.246	0.291	0.302	0.296	0.283	6.85
38)		Bromodichloromethan	0.296	0.263	0.276	0.339	0.352	0.344	0.316	11.64
39)		2-Chloroethylvinyl	0.070	0.081	0.078	0.110	0.120	0.113	0.096	20.42
40)		4-Methyl-2-pentanon			0.175	0.213	0.220	0.228	0.212	10.09
41)		cis-1,3-Dichloropro	0.344	0.334	0.313	0.419	0.441	0.439	0.389	14.45
42)	S	Toluene-d8	0.886	0.816	0.793	1.019	0.991	0.995	0.923	9.89
43)	CPM	Toluene	0.610	0.610	0.608	0.781	0.770	0.786	0.705	12.76

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Dellen

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:37:38 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T0469.D 0.5 =T0470.D 2.0 =T0471.D
10 =T0472.D 20 =T0473.D 30 =T0474.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.236	0.247	0.255	0.341	0.367	0.374	0.315	20.80
45)		1,1,2-Trichloroetha	0.174	0.162	0.152	0.178	0.185	0.177	0.172	6.60
46)		2-Hexanone			0.107	0.140	0.146	0.156	0.141	14.35
47)	I	Chlorobenzene-d5	ISTD							
48)		1,2-Dibromoethane	0.401	0.378	0.353	0.410	0.425	0.401	0.398	6.20
49)		1,3-Dichloropropane	0.812	0.758	0.744	0.835	0.859	0.798	0.801	5.05
50)		Dibromochloromethan	0.378	0.368	0.368	0.453	0.494	0.476	0.433	13.66
51)		Tetrachloroethene	0.677	0.523	0.488	0.597	0.598	0.585	0.581	10.51
52)		1-Chlorohexane	0.589	0.577	0.608	0.860	0.837	0.842	0.739	18.73
53)		1,1,1,2-Tetrachloro	0.451	0.446	0.387	0.481	0.515	0.495	0.469	9.67
54)	PM	Chlorobenzene	1.679	1.625	1.476	1.769	1.741	1.688	1.661	5.75
55)	CP	Ethylbenzene	3.142	2.894	2.655	3.332	3.219	2.966	2.990	8.48
56)		(m+p)-Xylene	0.918	0.868	0.880	1.122	1.108	1.062	1.003	11.01
57)		o-Xylene	0.864	0.803	0.820	1.070	1.065	1.040	0.961	13.04
58)		Styrene	1.137	1.042	1.235	1.738	1.764	1.709	1.479	21.91
59)	P	Bromoform	0.188	0.200	0.174	0.245	0.267	0.277	0.235	20.11
60)	S	Bromofluorobenzene	0.884	0.628	0.602	0.777	0.776	0.755	0.742	13.03
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.091	0.073	0.076	0.120	0.139	0.153	0.116	30.76
63)	P	1,1,2,2-Tetrachloro	0.986	0.986	0.909	0.916	0.892	0.901	0.923	4.91
64)		Isopropylbenzene	4.545	4.223	3.915	4.692	4.524	4.125	4.246	8.55
65)		1,2,3-Trichloroprop	0.804	0.846	0.714	0.757	0.695	0.749	0.758	6.83
66)		Bromobenzene	1.129	1.054	0.935	1.090	1.094	1.095	1.072	6.04
67)		n-Propylbenzene	4.789	4.551	4.329	5.168	4.955	4.423	4.590	9.15
68)		2-Chlorotoluene	3.484	3.319	3.047	3.551	3.473	3.290	3.323	5.88
69)		4-Chlorotoluene	2.653	2.717	2.484	2.927	2.882	2.722	2.710	5.75
70)		1,3,5-Trimethylbenz	2.753	2.693	2.697	3.254	3.150	2.915	2.884	8.03
71)		tert-Butylbenzene	2.677	2.562	2.439	2.869	2.787	2.654	2.644	5.69
72)		1,2,4-Trimethylbenz	2.551	2.287	2.457	2.939	2.847	2.632	2.592	8.98
73)		sec-Butylbenzene	3.791	3.581	3.659	4.335	4.051	3.631	3.754	9.46
74)		1,3-Dichlorobenzene	1.658	1.542	1.448	1.734	1.733	1.691	1.638	6.47
75)		p-Isopropyltoluene	2.453	2.496	2.554	3.241	3.140	2.911	2.778	11.51
76)		1,4-Dichlorobenzene	1.615	1.646	1.404	1.653	1.636	1.598	1.591	5.42
77)		n-Butylbenzene	1.861	1.749	1.974	2.823	2.749	2.546	2.288	19.04
78)		1,2-Dichlorobenzene	1.453	1.442	1.400	1.623	1.615	1.563	1.519	5.81
79)		1,2-Dibromo-3-chlor	0.092	0.086	0.097	0.128	0.135	0.140	0.117	21.01
80)		1,2,4-Trichlorobenz	0.213	0.195	0.400	0.742	0.833	0.847	0.580	51.73
81)		Hexachlorobutadiene	0.317	0.344	0.403	0.515	0.521	0.537	0.456	21.64
82)		Naphthalene	0.388	0.387	0.510	1.348	1.564	1.524	1.021	54.87
83)		1,2,3-Trichlorobenz	0.184	0.162	0.423	0.753	0.827	0.824	0.569	53.65

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.483		
3)	P	Chloromethane	0.557		
4)	CP	Vinyl chloride	0.508		
5)		Bromomethane	0.342		
6)		Chloroethane	0.355		
7)		Trichlorofluorometh	0.599		
8)		Acetone	0.057		
9)		Acrolein	0.031		
10)	CPM	1,1-Dichloroethene	0.206		
11)		Methyl iodide	0.275		
12)		1,1,2-Trichloro-1,2	0.255		
13)		Methyl acetate	0.184		
14)		Acrylonitrile	0.068		
15)		Methylene chloride	0.269		
16)		Carbon disulfide	0.852		
17)		trans-1,2-Dichloroe	0.255		
)		Methyl tert-Butyl e	0.618		
19)	P	1,1-Dichloroethane	0.474		
20)		Vinyl acetate	0.342		
21)		2-Butanone	0.095		
22)		cis-1,2-Dichloroeth	0.278		
23)		Bromochloromethane	0.127		
24)	CP	Chloroform	0.448		
25)		2,2-Dichloropropane	0.409		
26)		Cyclohexane	0.554		
27)	S	Dibromofluoromethan	0.226		
28)	S	1,2-Dichloroethane-	0.277		
29)		1,2-Dichloroethane	0.327		
30)		1,1,1-Trichloroetha	0.422		
31)		1,1-Dichloropropene	0.387		
32)		Carbon tetrachlorid	0.338		
33)	M	Benzene	1.041		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.144		
36)		Methylcyclohexane	0.503		
37)	CP	1,2-Dichloropropane	0.296		
38)		Bromodichloromethan	0.341		
39)		2-Chloroethylvinyl	0.101		
40)		4-Methyl-2-pentanon	0.224		
41)		cis-1,3-Dichloropro	0.434		
42)	S	Toluene-d8	0.960		
)	CPM	Toluene	0.771		

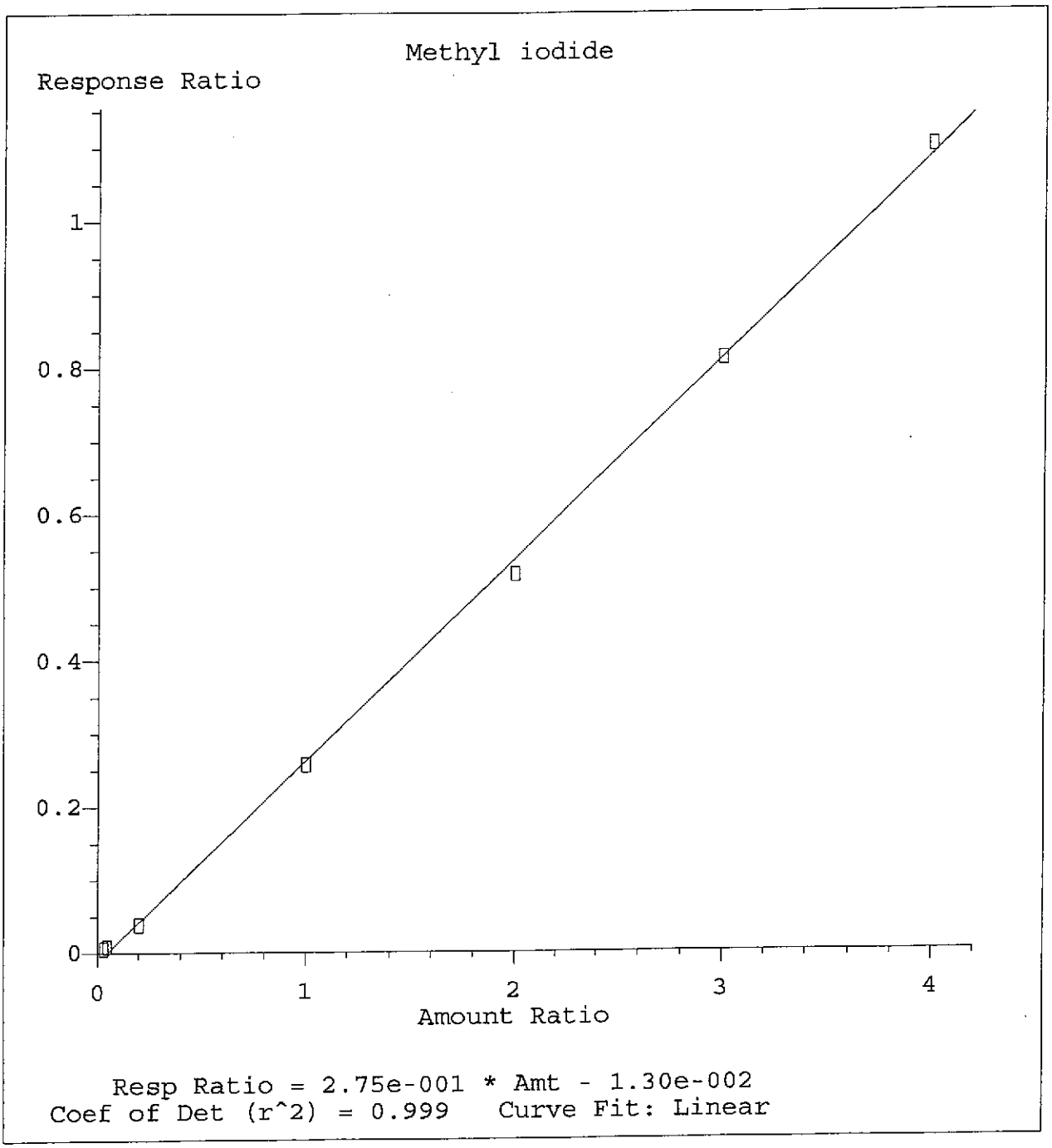
(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : C:\HPCHEM\1\METHODS\T925VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Wed Sep 26 06:56:48 2007
Response via : Initial Calibration

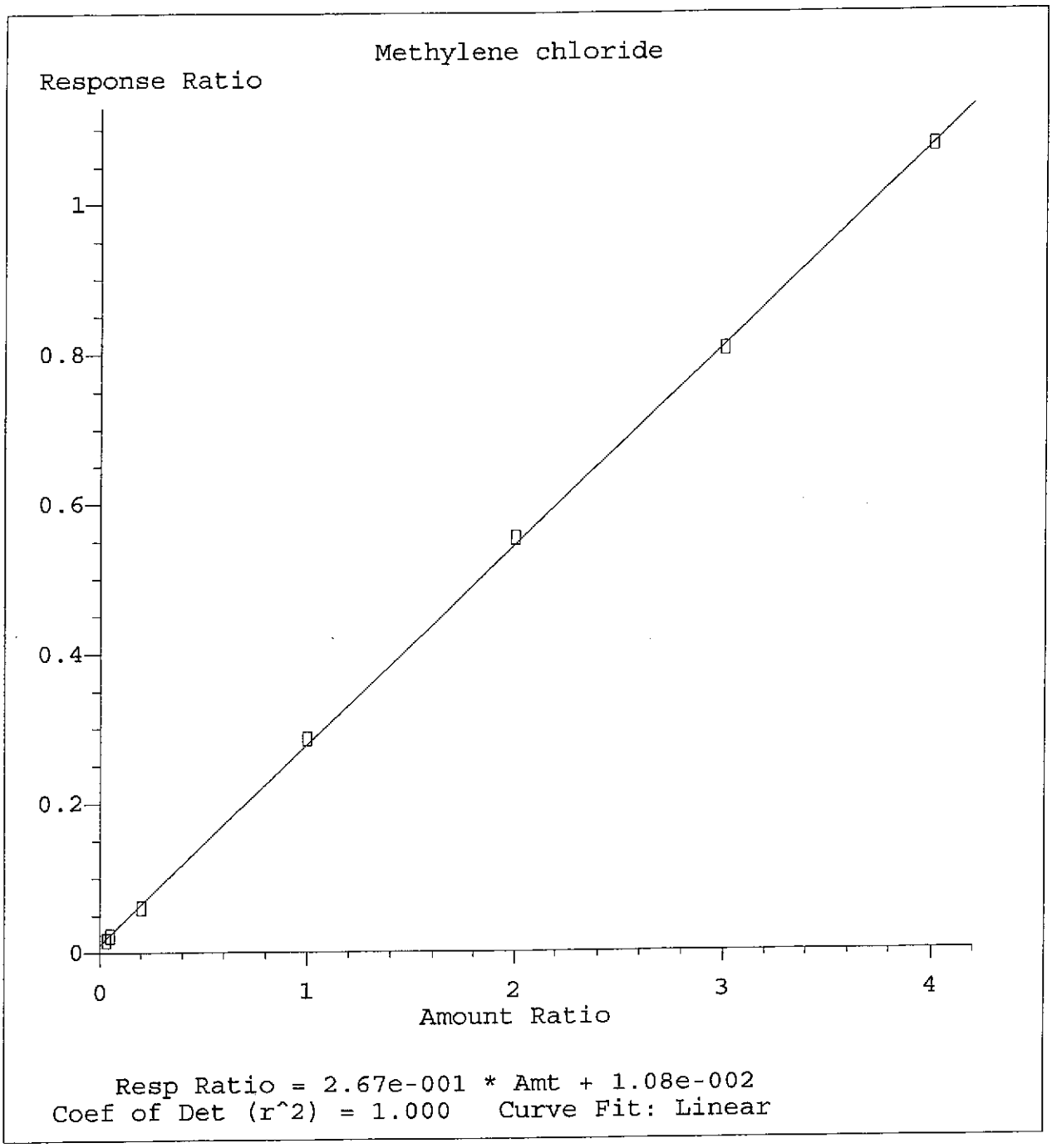
Calibration Files
40 =T0475.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.381		
45)		1,1,2-Trichloroetha	0.179		
46)		2-Hexanone	0.155		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.416		
49)		1,3-Dichloropropane	0.797		
50)		Dibromochloromethan	0.492		
51)		Tetrachloroethene	0.602		
52)		1-Chlorohexane	0.859		
53)		1,1,1,2-Tetrachloro	0.512		
54)	PM	Chlorobenzene	1.649		
55)	CP	Ethylbenzene	2.722		
56)		(m+p)-Xylene	1.064		
57)		o-Xylene	1.066		
58)		Styrene	1.726		
59)	P	Bromoform	0.293		
60)	S	Bromofluorobenzene	0.772		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.156		
63)	P	1,1,2,2-Tetrachloro	0.871		
64)		Isopropylbenzene	3.698		
65)		1,2,3-Trichloroprop	0.740		
66)		Bromobenzene	1.110		
67)		n-Propylbenzene	3.916		
68)		2-Chlorotoluene	3.095		
69)		4-Chlorotoluene	2.588		
70)		1,3,5-Trimethylbenz	2.726		
71)		tert-Butylbenzene	2.523		
72)		1,2,4-Trimethylbenz	2.434		
73)		sec-Butylbenzene	3.229		
74)		1,3-Dichlorobenzene	1.658		
75)		p-Isopropyltoluene	2.653		
76)		1,4-Dichlorobenzene	1.582		
77)		n-Butylbenzene	2.316		
78)		1,2-Dichlorobenzene	1.540		
79)		1,2-Dibromo-3-chlor	0.144		
80)		1,2,4-Trichlorobenz	0.830		
81)		Hexachlorobutadiene	0.551		
82)		Naphthalene	1.427		
83)		1,2,3-Trichlorobenz	0.812		

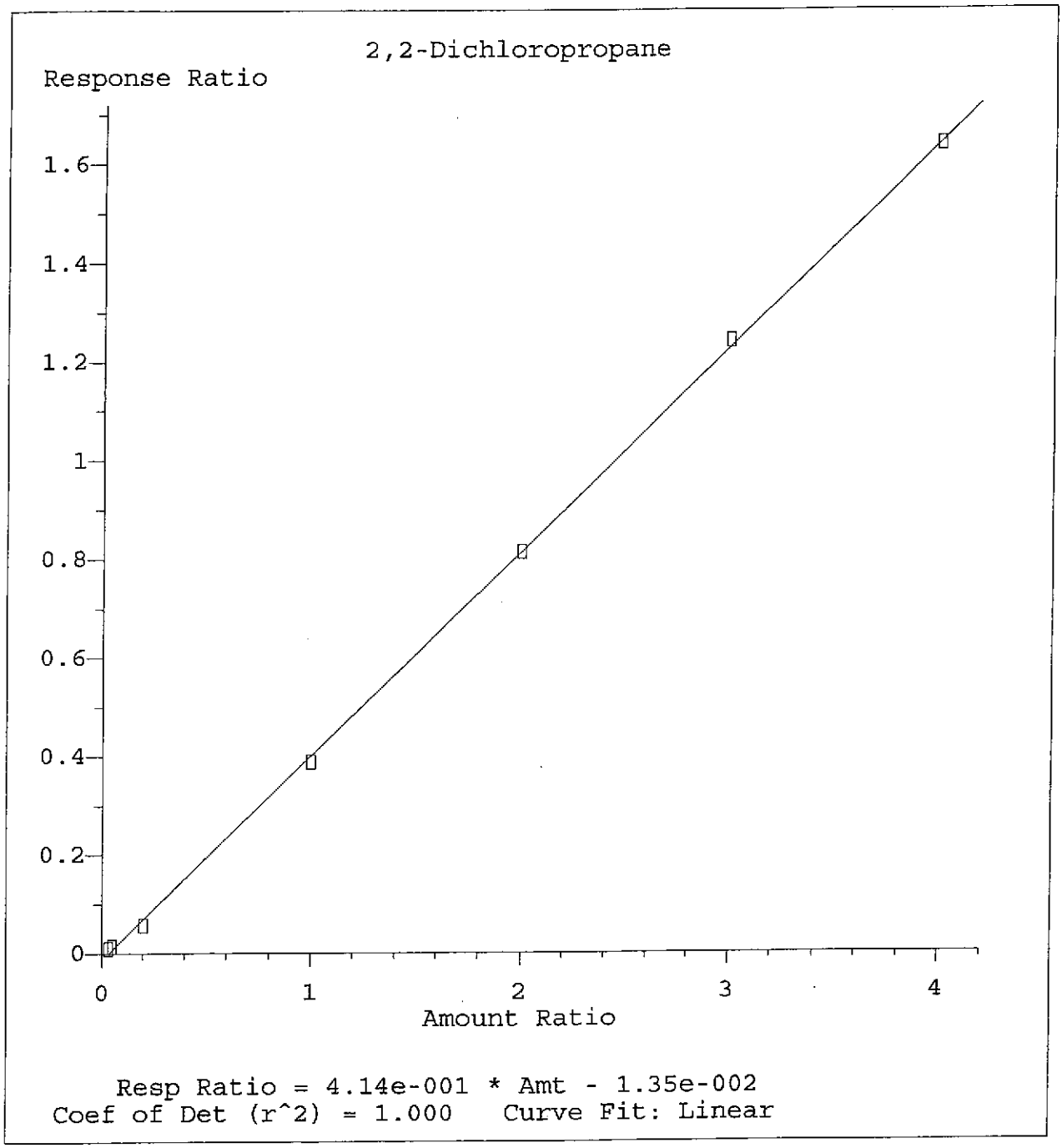
(#) = Out of Range ### Number of calibration levels exceeded format ###



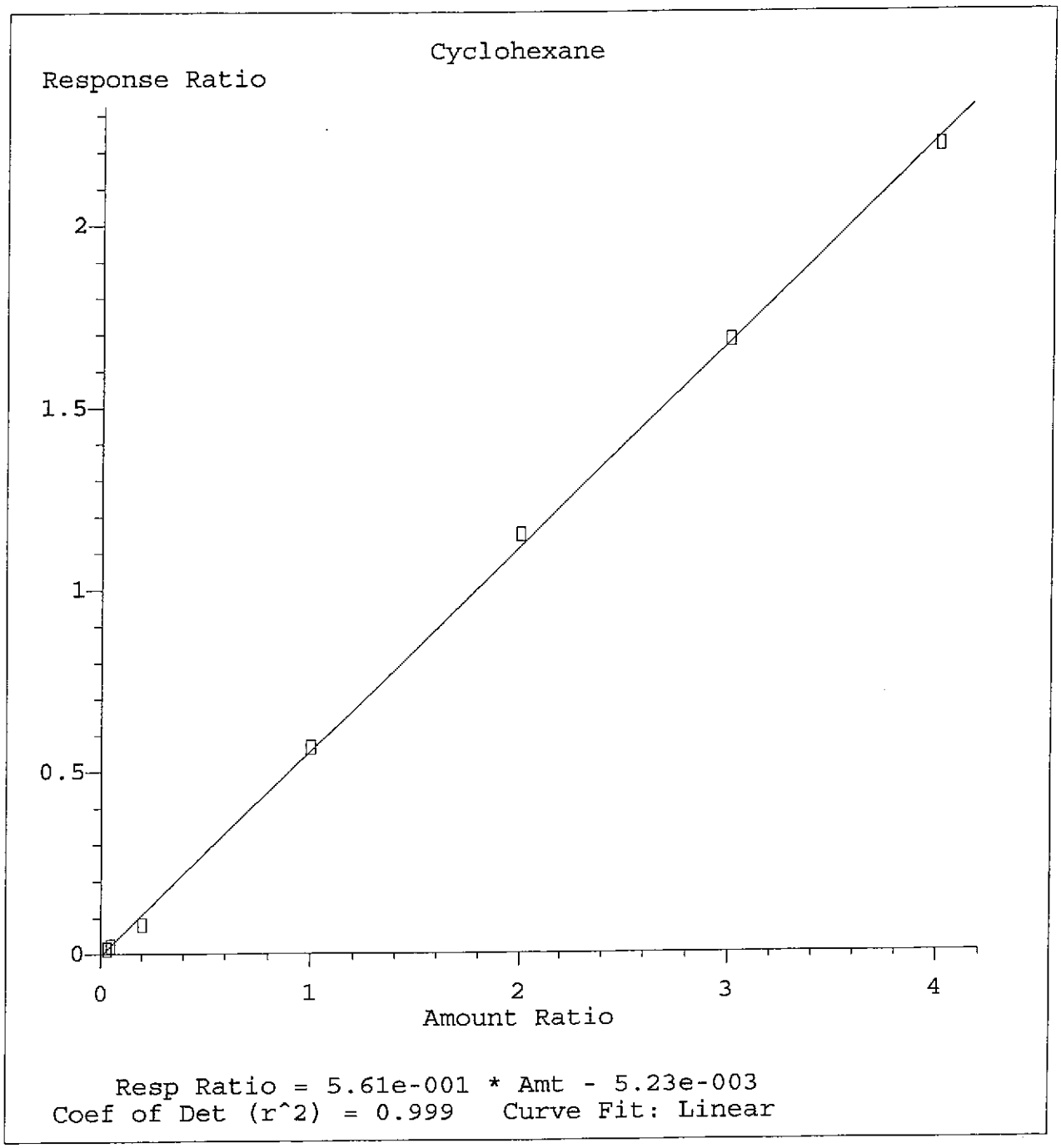
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:20:54 2007



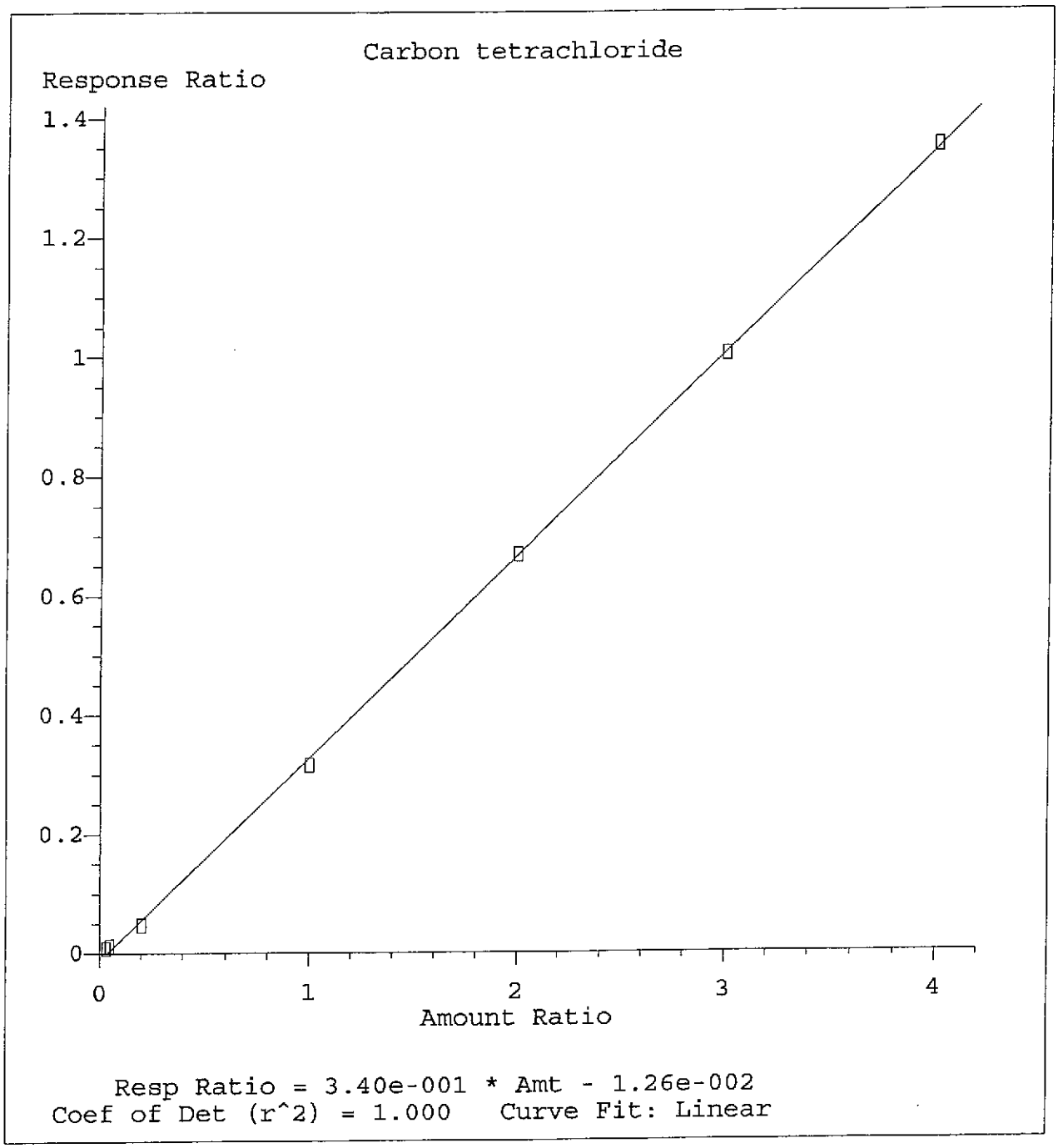
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:21:32 2007



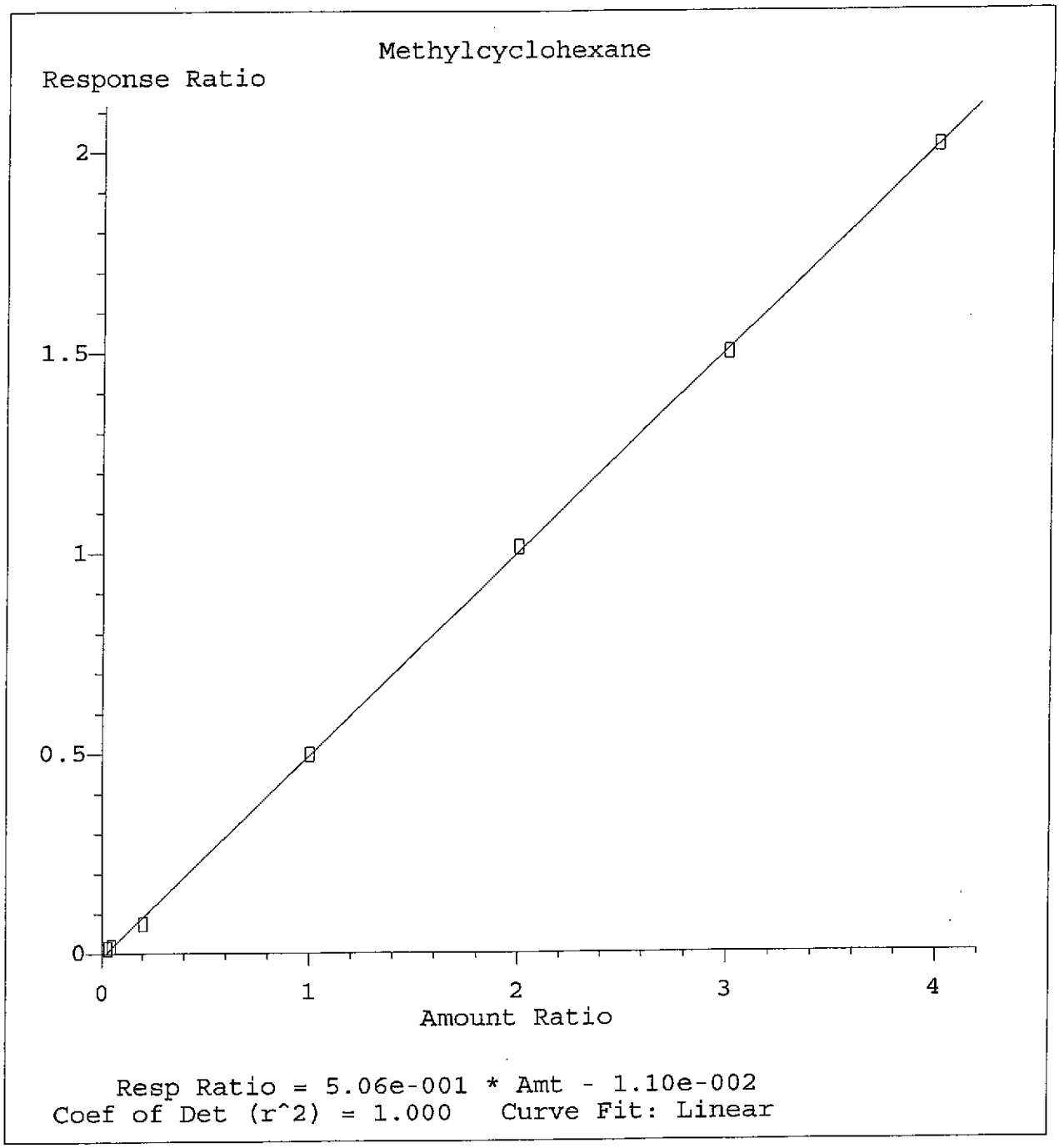
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:22:42 2007



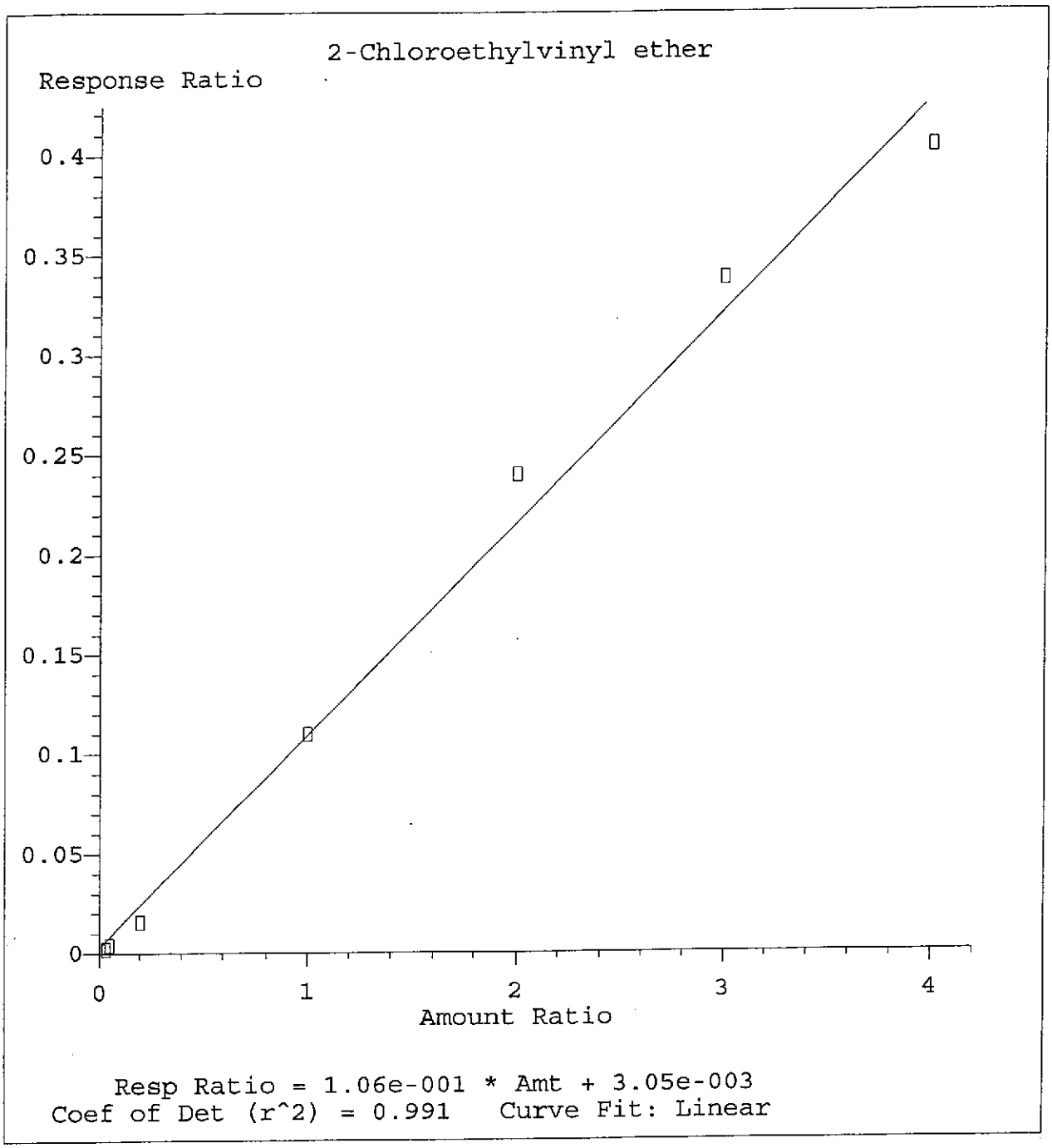
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:23:14 2007



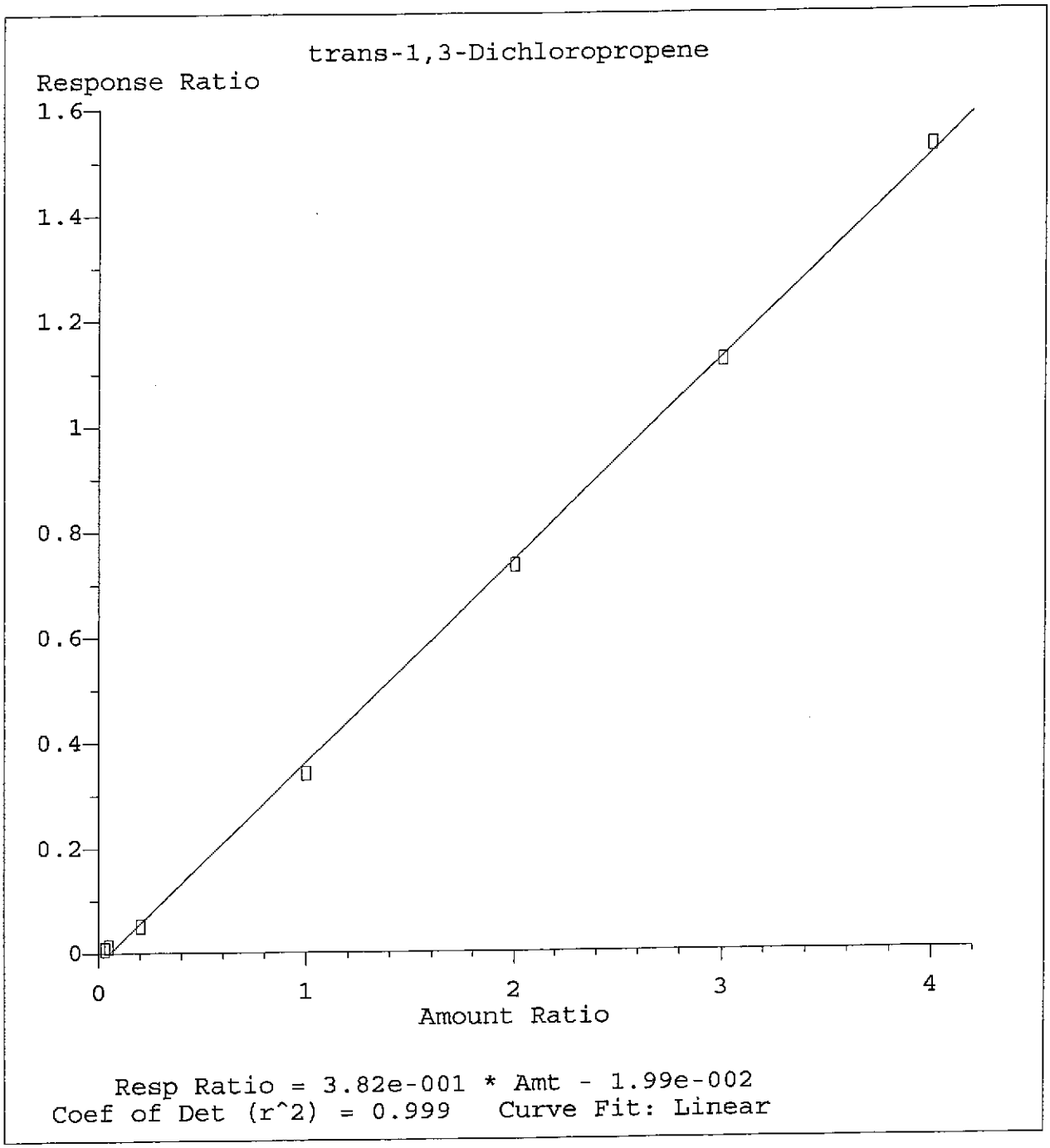
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:23:44 2007



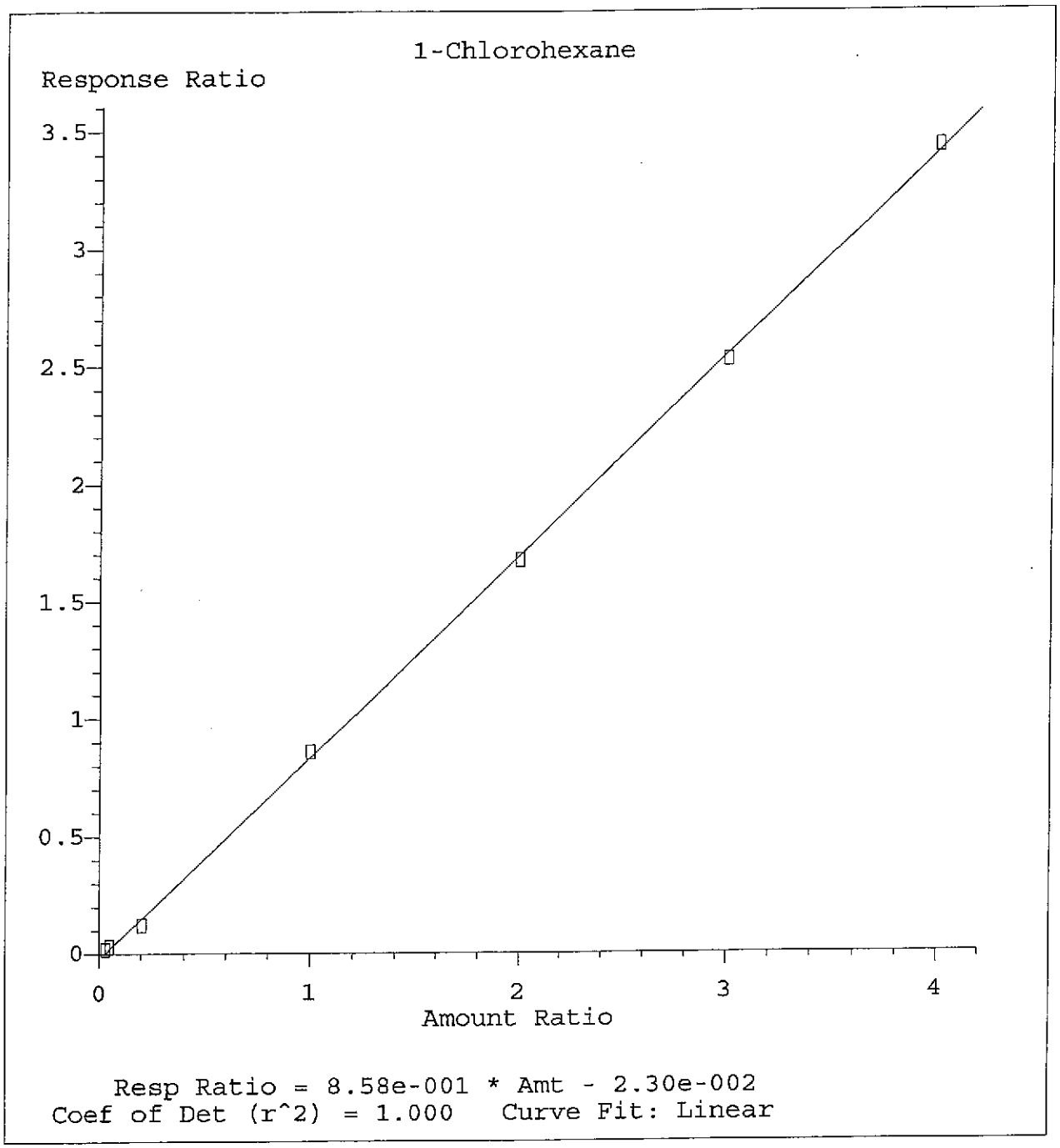
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:24:31 2007



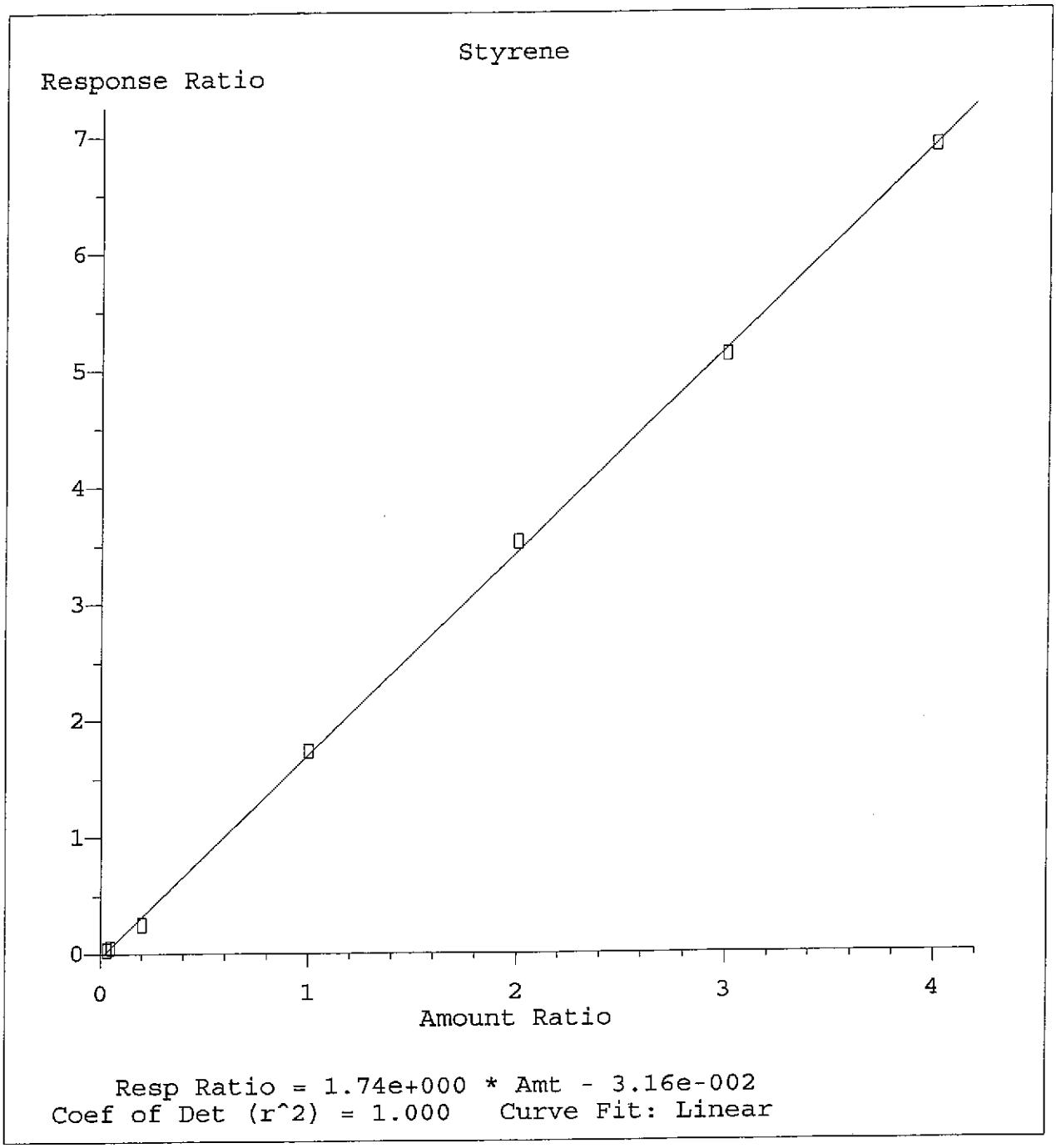
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:37:38 2007



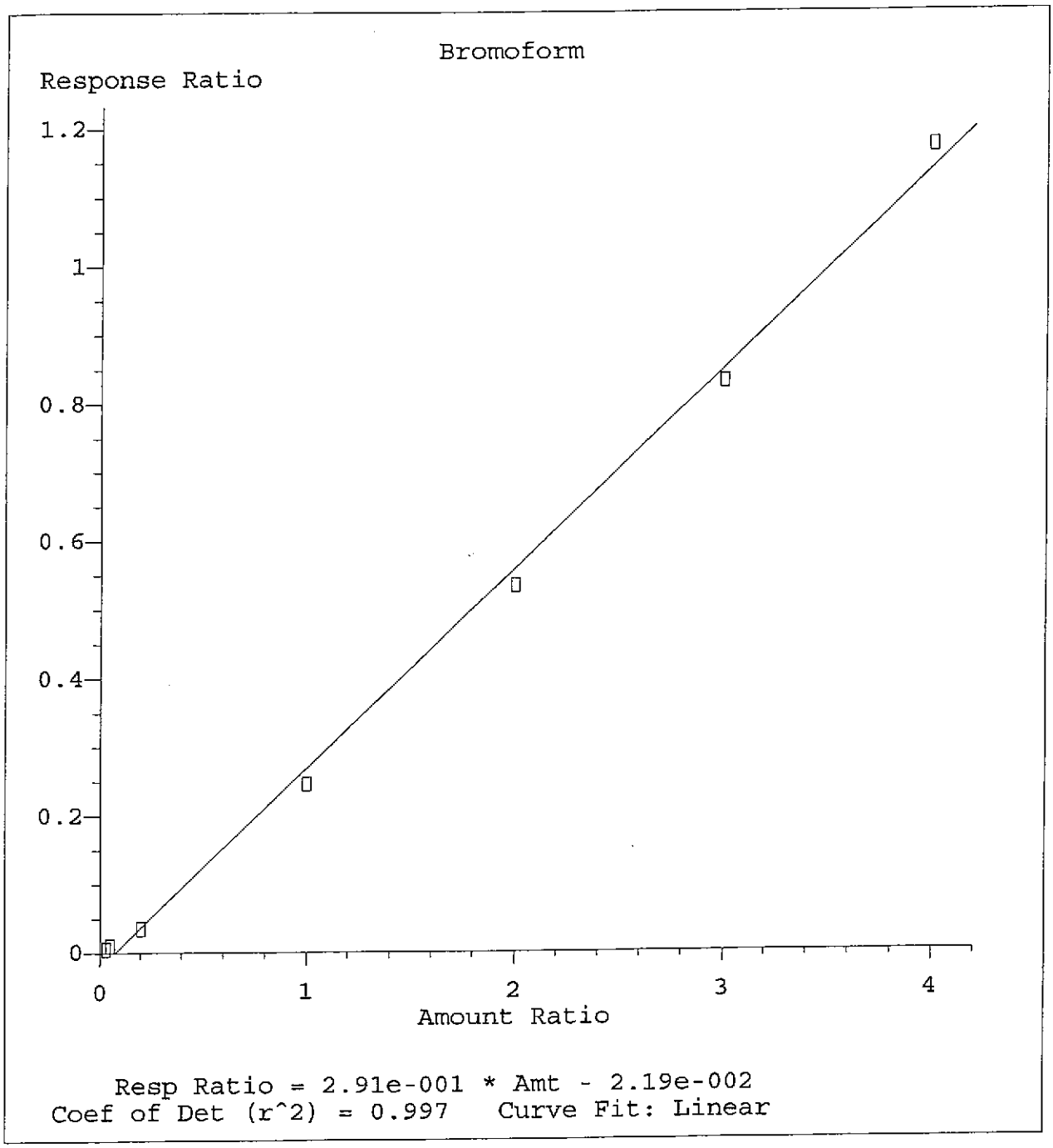
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:27:50 2007



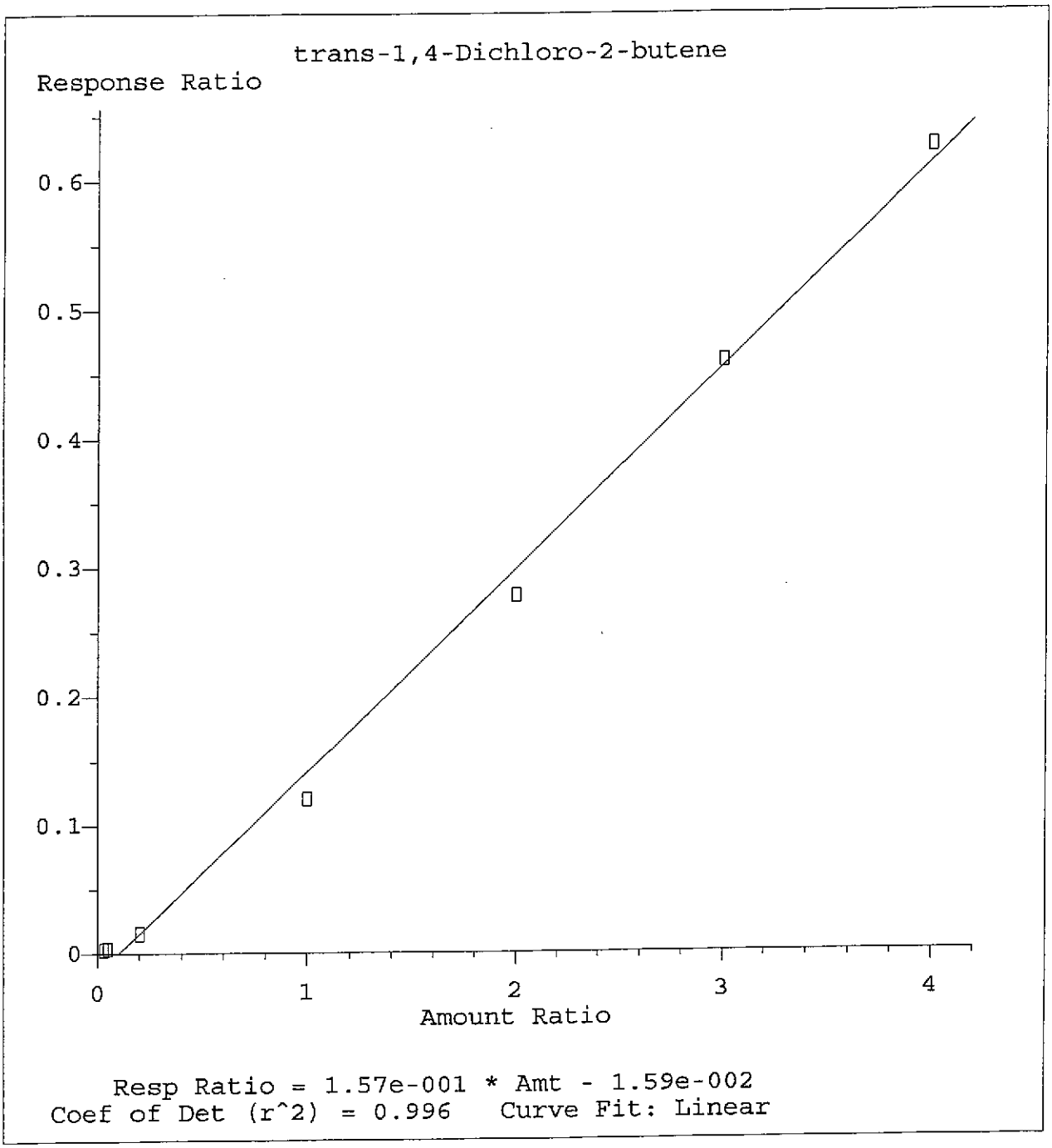
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:28:58 2007



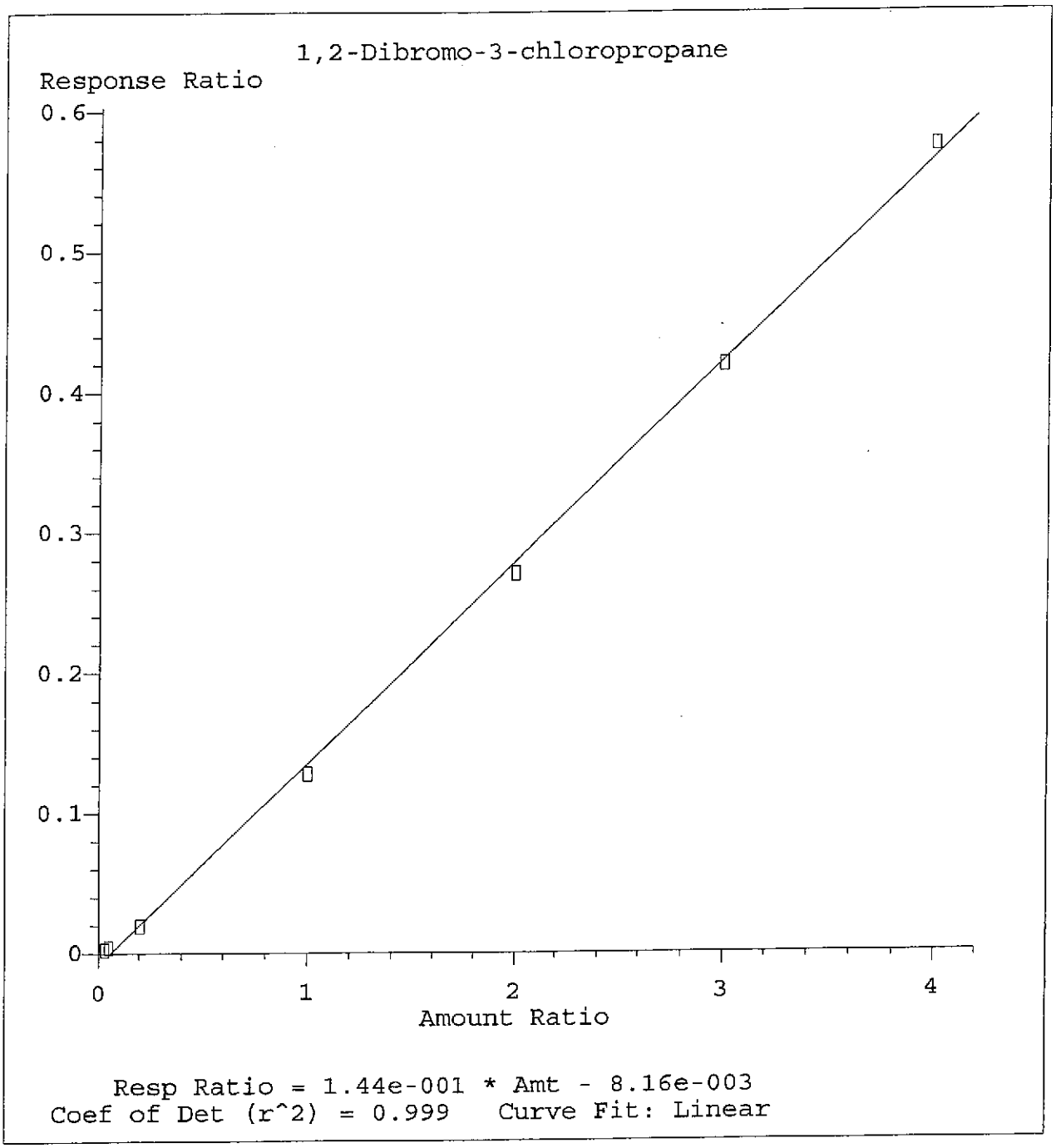
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:29:48 2007



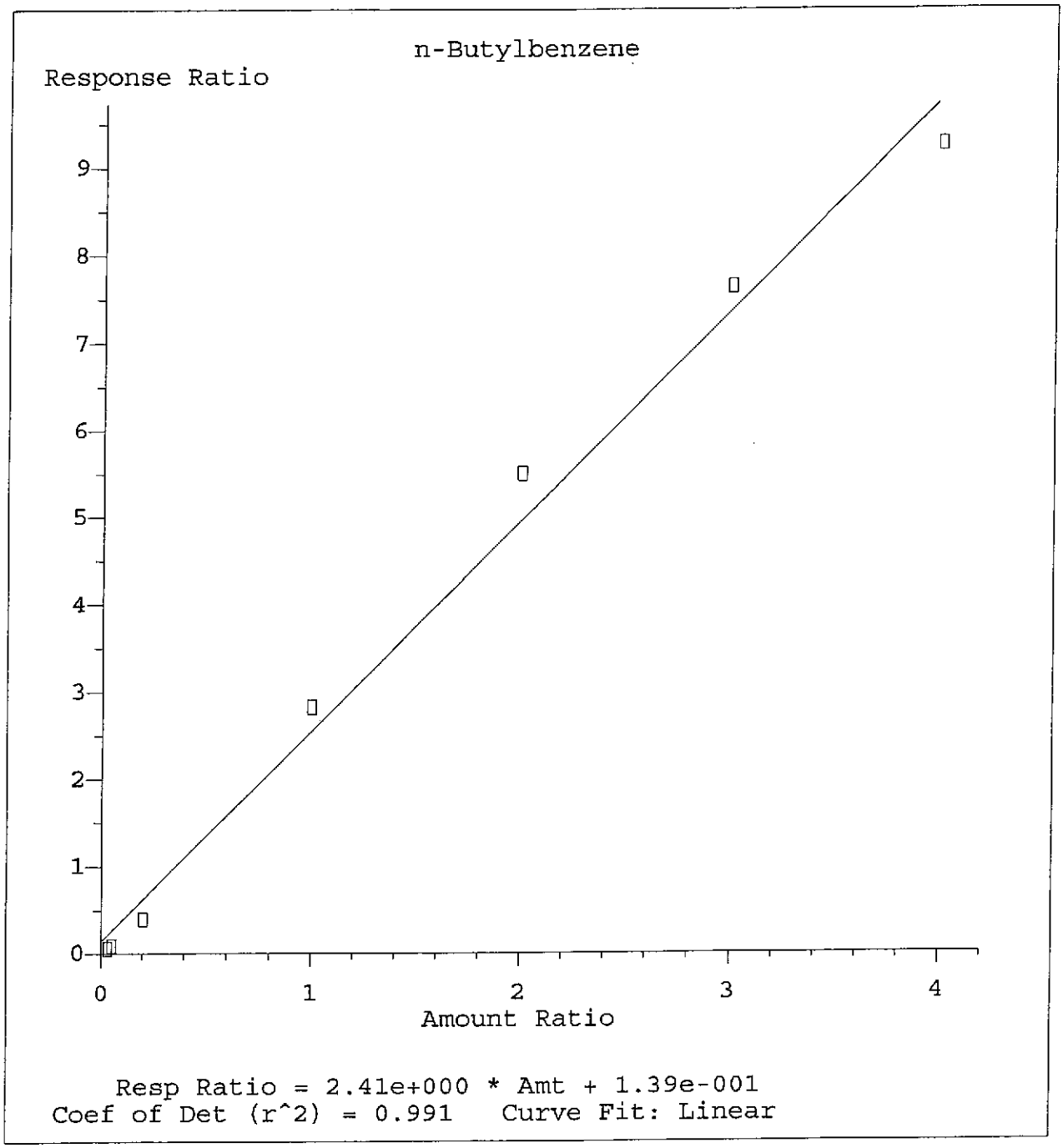
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Calibration Table Last Updated: Wed Sep 26 06:30:12 2007



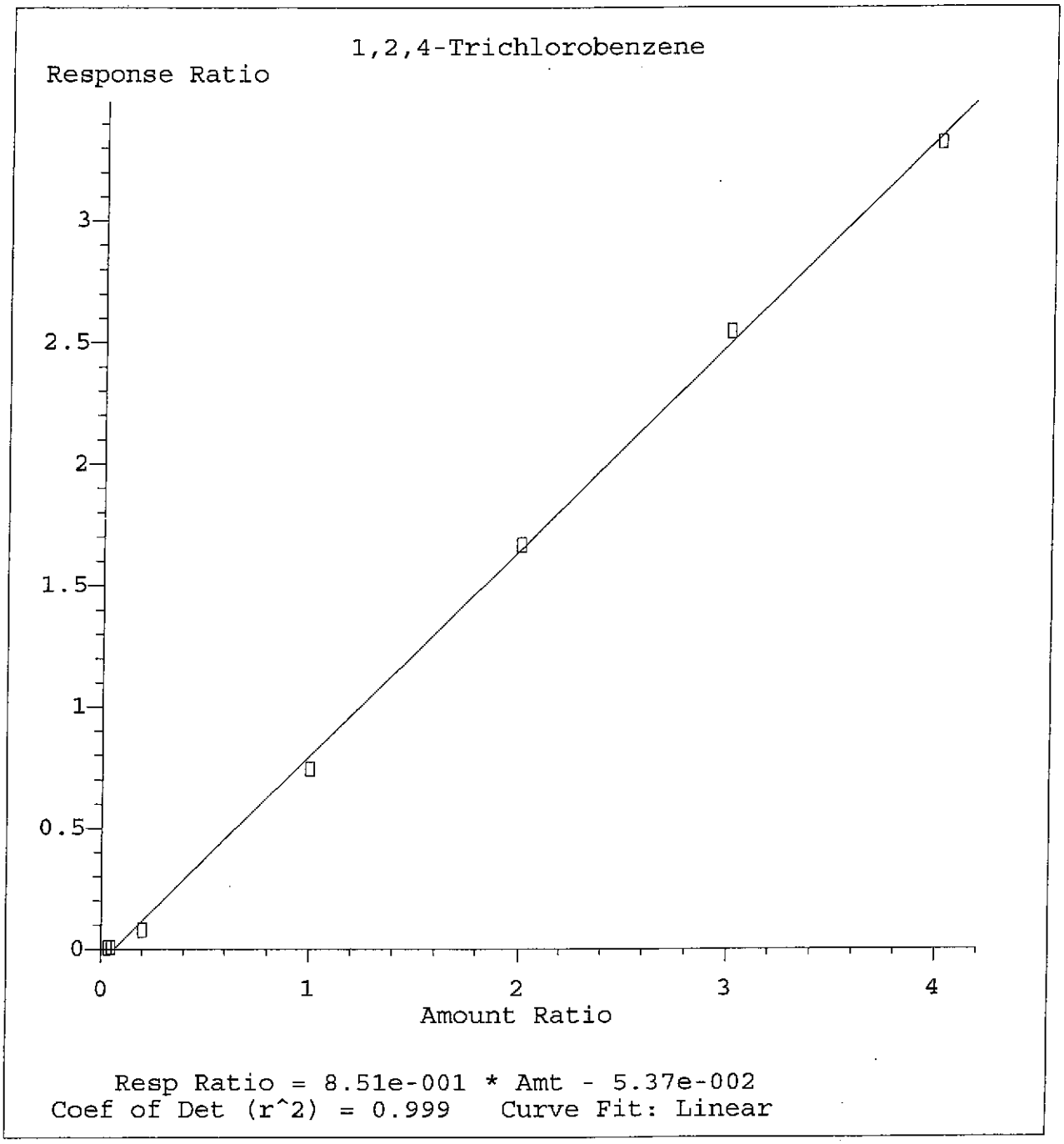
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:30:39 2007



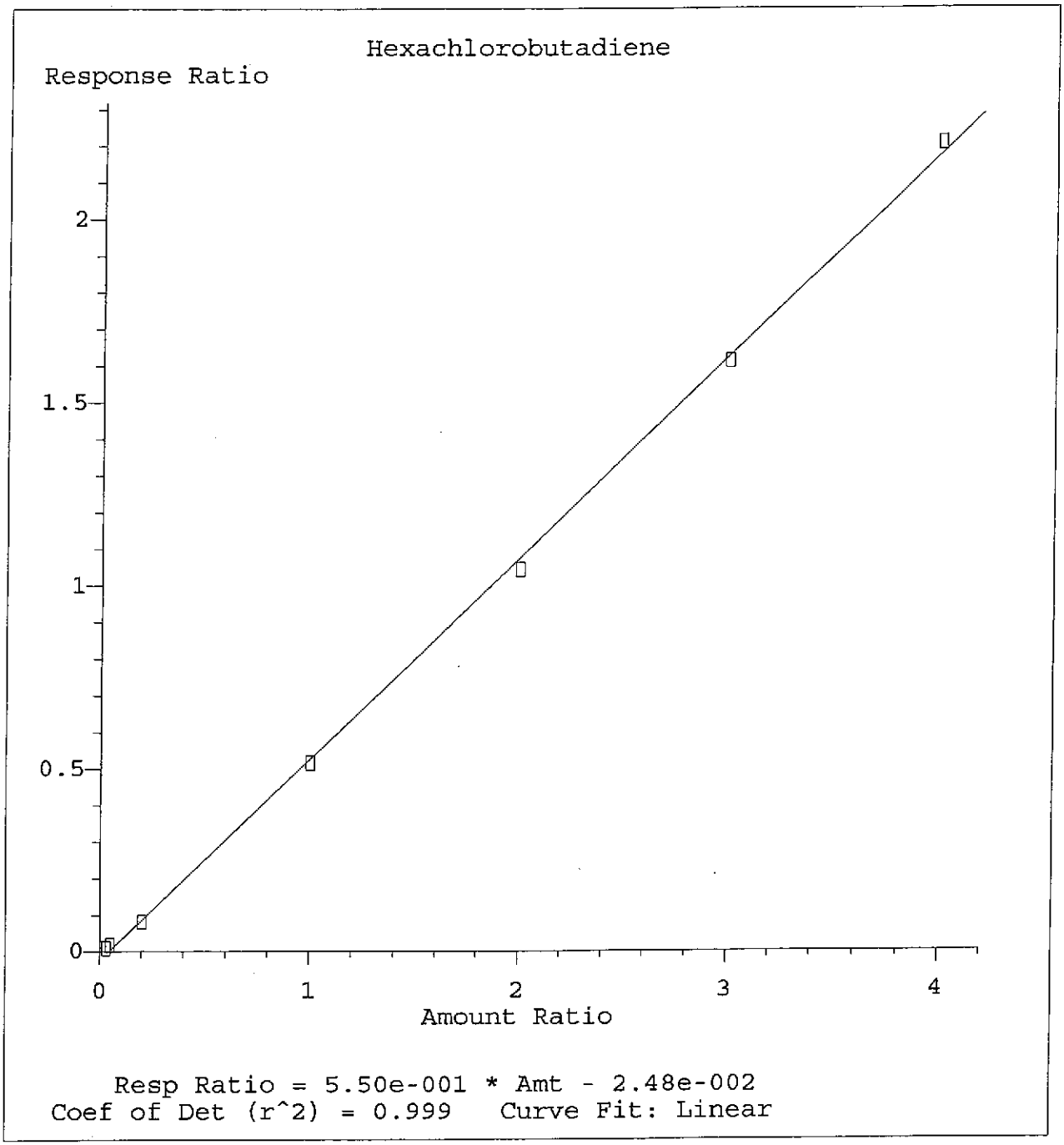
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:32:06 2007



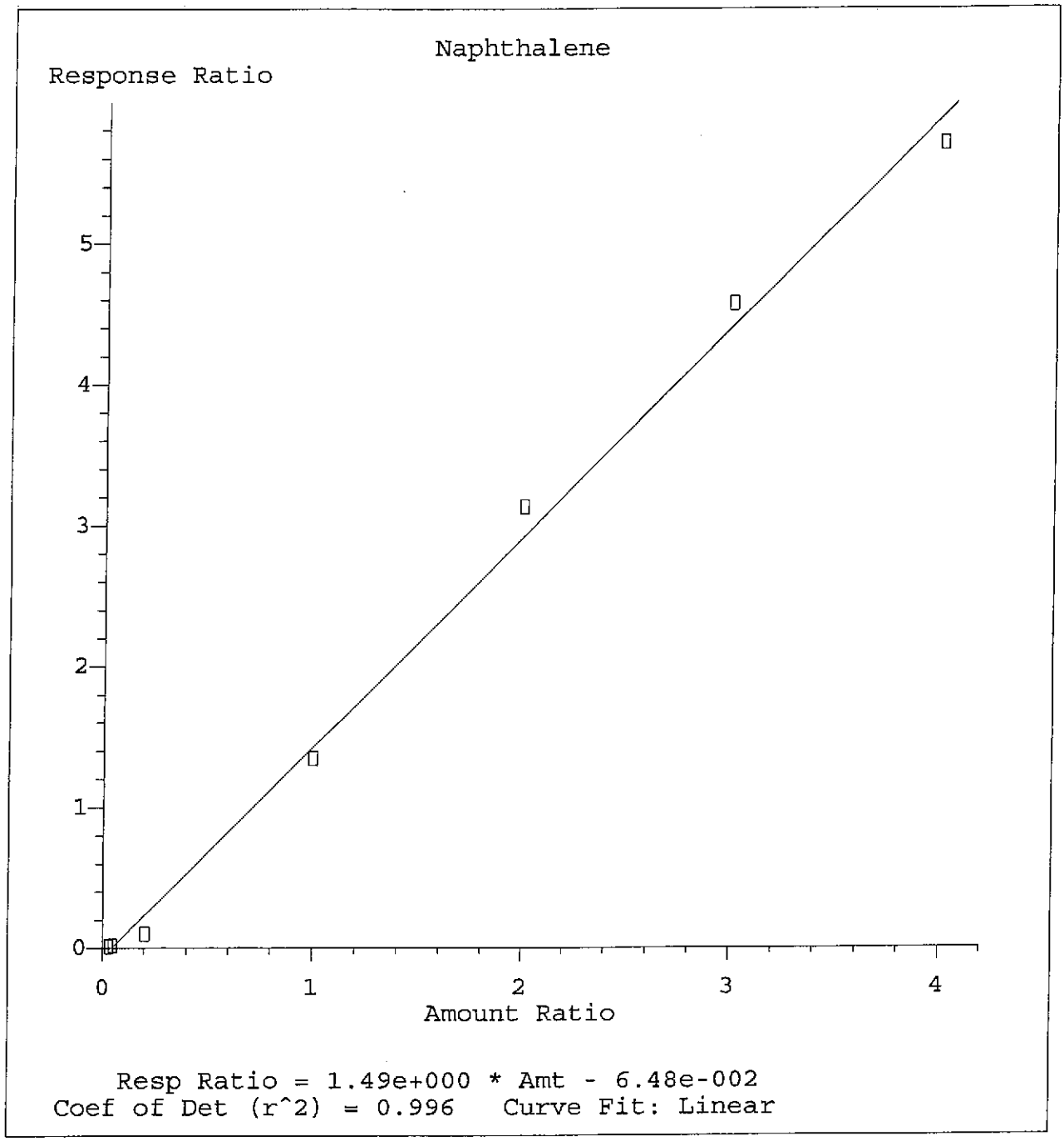
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 08:57:43 2007



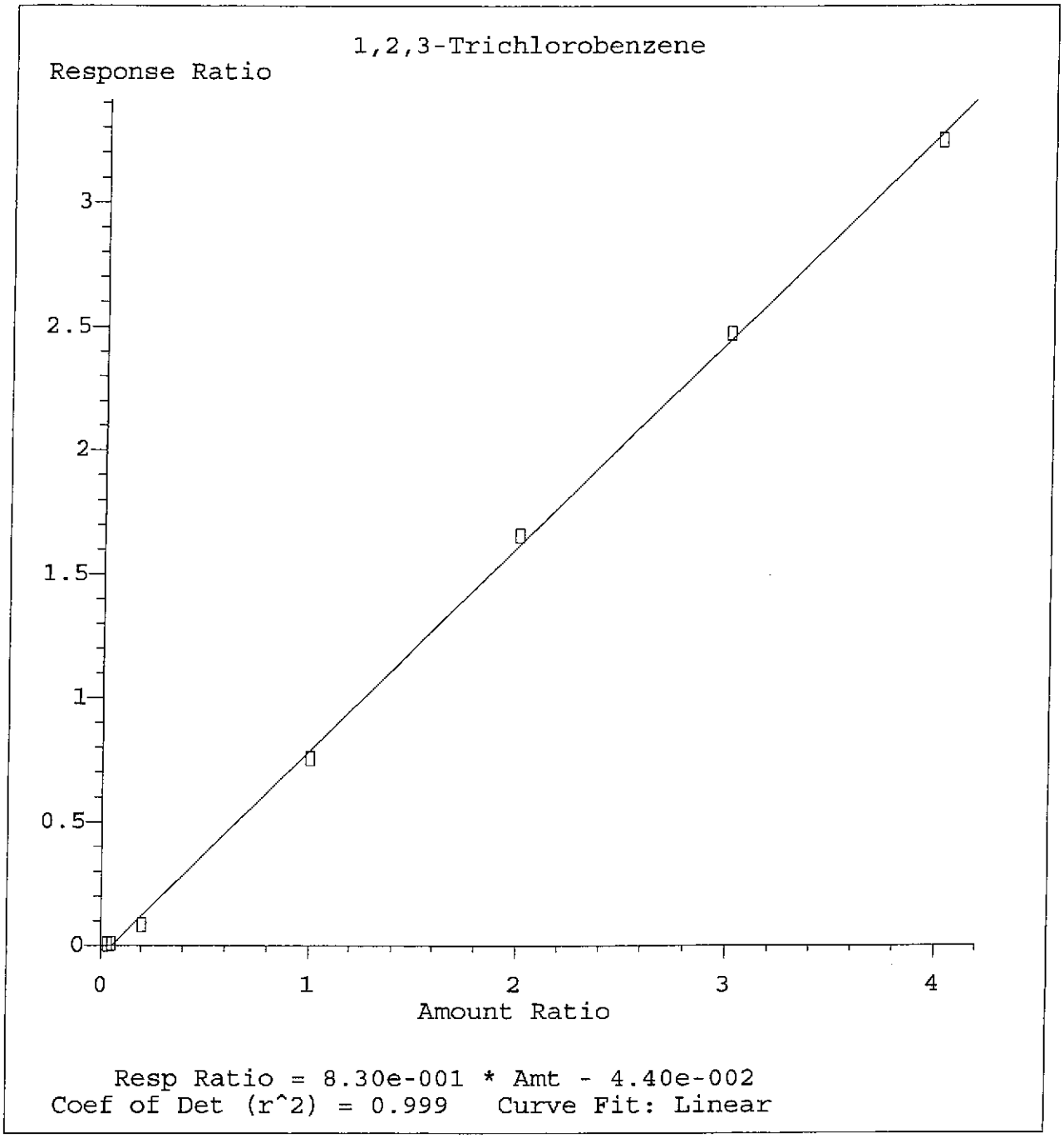
Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:32:40 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:41 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:33:58 2007



Method Name: C:\HPCHEM\1\METHODS\T925VOCW.M
Calibration Table Last Updated: Wed Sep 26 06:34:16 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Date of Initial Calibration: 9-SEP-07

Initial Calibration ID: 1078

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

ICAL # 1048

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 06:35:15 2007
Response via : Initial Calibration

Calibration Files
0.3 =M2775.D 0.5 =M2776.D 2.0 =M2777.D
10 =M2778.D 20 =M2779.D 30 =M2780.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.773	0.678	0.742	0.925	0.923	0.911	0.838	12.41
3)	P	Chloromethane	0.378	0.300	0.266	0.293	0.291	0.300	0.306	11.42
4)	CP	Vinyl chloride	0.231	0.176	0.220	0.283	0.225	0.285	0.244	17.42
5)		Bromomethane	0.184	0.219	0.186	0.261	0.278	0.294	0.248	20.94
6)		Chloroethane	0.143	0.133	0.141	0.172	0.178	0.174	0.159	12.20
7)		Trichlorofluorometh	0.687	0.711	0.677	0.882	0.879	0.862	0.794	12.16
8)		Acetone	0.042	0.043	0.031	0.037	0.035	0.033	0.036#	13.51
9)		Acrolein	0.006	0.010	0.010	0.014	0.014	0.015	0.012#	26.39
10)	CPM	1,1-Dichloroethene	0.231	0.221	0.224	0.276	0.281	0.278	0.256	11.08
11)		Methyl iodide	0.270	0.342	0.375	0.542	0.588	0.595	0.473	29.46
12)		1,1,2-Trichloro-1,2	0.647	0.582	0.578	0.751	0.743	0.727	0.678	11.02
13)		Methyl acetate	0.140	0.143	0.107	0.113	0.108	0.119	0.121	12.14
14)		Acrylonitrile	0.026	0.024	0.026	0.029	0.030	0.030	0.028#	9.02
15)		Methylene chloride	0.362	0.326	0.302	0.324	0.307	0.318	0.322	6.12
16)		Carbon disulfide	0.615	0.482	0.544	0.807	0.833	0.856	0.715	22.76
17)		trans-1,2-Dichloroe	0.332	0.289	0.286	0.350	0.351	0.342	0.328	8.78
18)		Methyl tert-Butyl e	0.443	0.424	0.429	0.473	0.462	0.475	0.453	4.62
19)	P	1,1-Dichloroethane	0.632	0.652	0.664	0.780	0.790	0.783	0.725	9.88
20)		Vinyl acetate	0.302	0.283	0.296	0.388	0.405	0.416	0.362	18.28
21)		2-Butanone	0.063	0.055	0.053	0.064	0.072	0.071	0.064	11.62
22)		cis-1,2-Dichloroeth	0.347	0.319	0.328	0.378	0.383	0.370	0.356	7.13
23)		Bromochloromethane	0.186	0.167	0.168	0.192	0.193	0.190	0.183	6.02
24)	CP	Chloroform	0.788	0.764	0.776	0.893	0.900	0.885	0.838	7.16
25)		2,2-Dichloropropane	0.428	0.449	0.416	0.568	0.584	0.588	0.519	16.10
26)		Cyclohexane	0.420	0.411	0.392	0.499	0.481	0.463	0.447	8.84
27)	S	Dibromofluoromethan	0.669	0.651	0.658	0.748	0.748	0.732	0.704	6.14
28)	S	1,2-Dichloroethane-	0.354	0.338	0.336	0.345	0.338	0.330	0.337	3.50
29)		1,2-Dichloroethane	0.386	0.385	0.370	0.398	0.398	0.403	0.391	2.91
30)		1,1,1-Trichloroetha	0.531	0.544	0.574	0.736	0.746	0.748	0.661	15.85
31)		1,1-Dichloropropene	0.462	0.448	0.477	0.562	0.562	0.553	0.517	9.94
32)		Carbon tetrachlorid	0.487	0.468	0.524	0.709	0.730	0.732	0.625	19.99
33)	M	Benzene	0.887	0.850	0.836	0.969	0.952	0.943	0.909	5.73
34)	M	Trichloroethene	0.449	0.437	0.420	0.513	0.504	0.491	0.470	7.58
35)		Dibromomethane	0.294	0.316	0.323	0.348	0.352	0.338	0.329	6.08
36)		Methylcyclohexane	0.363	0.333	0.345	0.438	0.435	0.427	0.395	11.69
37)	CP	1,2-Dichloropropane	0.339	0.355	0.357	0.397	0.396	0.386	0.373	6.20
38)		Bromodichloromethan	0.574	0.580	0.688	0.919	0.947	0.928	0.793	21.71
39)		2-Chloroethylvinyl	0.096	0.085	0.090	0.104	0.103	0.100	0.097	7.25
40)		4-Methyl-2-pentanon	0.186	0.170	0.191	0.222	0.230	0.232	0.208	12.08
41)		cis-1,3-Dichloropro	0.284	0.298	0.338	0.465	0.503	0.515	0.418	25.69
42)	S	Toluene-d8	0.759	0.766	0.782	0.924	0.909	0.897	0.845	8.63
43)	CPM	Toluene	0.485	0.502	0.524	0.600	0.585	0.587	0.551	8.41

(#) = Out of Range ### Number of calibration levels exceeded format ###

10-10-07

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 06:35:15 2007
Response via : Initial Calibration

Calibration Files
0.3 =M2775.D 0.5 =M2776.D 2.0 =M2777.D
10 =M2778.D 20 =M2779.D 30 =M2780.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.180	0.197	0.230	0.322	0.360	0.374	0.293	30.14
45)		1,1,2-Trichloroetha	0.227	0.212	0.219	0.258	0.256	0.253	0.238	7.95
46)		2-Hexanone	0.090	0.082	0.101	0.123	0.129	0.132	0.112	18.62
47)	I	Chlorobenzene-d5	ISTD							
48)		1,2-Dibromoethane	0.601	0.563	0.561	0.667	0.641	0.701	0.631	8.97
49)		1,3-Dichloropropane	0.651	0.657	0.640	0.703	0.676	0.722	0.678	4.49
50)		Dibromochloromethan	0.576	0.555	0.729	0.989	0.976	1.072	0.850	26.42
51)		Tetrachloroethene	0.836	0.717	0.761	0.881	0.804	0.860	0.814	7.11
52)		1-Chlorohexane	0.532	0.487	0.520	0.646	0.629	0.677	0.595	13.30
53)		1,1,1,2-Tetrachloro	0.542	0.562	0.603	0.712	0.673	0.722	0.646	11.76
54)	PM	Chlorobenzene	1.302	1.172	1.125	1.247	1.145	1.205	1.193	5.29
55)	CP	Ethylbenzene	1.653	1.830	1.681	1.919	1.792	1.839	1.776	5.41
56)		(m+p)-Xylene	0.611	0.626	0.619	0.693	0.653	0.675	0.648	4.74
57)		o-Xylene	0.588	0.566	0.620	0.729	0.688	0.732	0.662	10.55
58)		Styrene	0.798	0.887	0.924	1.115	1.033	1.098	0.985	11.96
59)	P	Bromoform	0.277	0.253	0.336	0.512	0.525	0.582	0.437	32.80
60)	S	Bromofluorobenzene	1.437	1.213	1.147	1.219	1.152	1.191	1.217	8.32
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-			0.025	0.036	0.047	0.047	0.043#	31.56
63)	P	1,1,2,2-Tetrachloro	0.951	0.896	0.915	0.997	1.005	1.061	0.981	6.32
64)		Isopropylbenzene	2.291	2.372	2.465	2.920	2.920	2.880	2.673	10.59
65)		1,2,3-Trichloroprop	0.485	0.556	0.544	0.518	0.501	0.559	0.532	5.73
66)		Bromobenzene	0.794	0.910	0.949	0.993	0.991	0.983	0.942	7.58
67)		n-Propylbenzene	2.873	3.333	3.433	3.809	3.812	3.883	3.544	10.17
68)		2-Chlorotoluene	2.296	3.160	2.915	2.876	2.764	3.008	2.844	9.54
69)		4-Chlorotoluene	2.603	2.993	2.580	2.843	2.884	2.606	2.717	6.82
70)		1,3,5-Trimethylbenz	1.761	1.774	2.019	2.278	2.287	2.308	2.099	11.74
71)		tert-Butylbenzene	1.818	1.884	2.018	2.308	2.350	2.318	2.137	10.53
72)		1,2,4-Trimethylbenz	1.565	1.717	1.774	2.077	2.141	2.133	1.925	12.15
73)		sec-Butylbenzene	2.563	2.679	2.827	3.329	3.384	3.353	3.047	11.42
74)		1,3-Dichlorobenzene	1.645	1.647	1.571	1.713	1.720	1.693	1.666	3.08
75)		p-Isopropyltoluene	1.627	1.860	2.004	2.381	2.476	2.464	2.173	15.68
76)		1,4-Dichlorobenzene	1.511	1.373	1.372	1.515	1.555	1.536	1.483	5.20
77)		n-Butylbenzene	1.769	1.708	1.838	2.267	2.359	2.343	2.084	14.20
78)		1,2-Dichlorobenzene	1.346	1.342	1.395	1.522	1.548	1.505	1.446	5.87
79)		1,2-Dibromo-3-chlor	0.113	0.130	0.142	0.203	0.231	0.244	0.186	30.12
80)		1,2,4-Trichlorobenz	1.082	0.959	0.883	0.998	1.042	1.080	1.012	7.07
81)		Hexachlorobutadiene	0.717	0.754	0.753	0.872	0.868	0.879	0.815	8.57
82)		Naphthalene	1.106	0.945	0.877	0.856	0.892	0.948	0.931	9.06
83)		1,2,3-Trichlorobenz	0.877	0.710	0.725	0.784	0.834	0.852	0.800	7.92

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 06:59:05 2007
Response via : Initial Calibration

Calibration Files
40 =M2781.D = =
= = =

		Compound	40	Avg	%RS
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.914		
3)	P	Chloromethane	0.311		
4)	CP	Vinyl chloride	0.287		
5)		Bromomethane	0.313		
6)		Chloroethane	0.173		
7)		Trichlorofluorometh	0.860		
8)		Acetone	0.032		
9)		Acrolein	0.014		
10)	CPM	1,1-Dichloroethene	0.278		
11)		Methyl iodide	0.599		
12)		1,1,2-Trichloro-1,2	0.715		
13)		Methyl acetate	0.116		
14)		Acrylonitrile	0.030		
15)		Methylene chloride	0.313		
16)		Carbon disulfide	0.867		
17)		trans-1,2-Dichloroe	0.349		
18)		Methyl tert-Butyl e	0.466		
19)	P	1,1-Dichloroethane	0.775		
20)		Vinyl acetate	0.444		
21)		2-Butanone	0.069		
22)		cis-1,2-Dichloroeth	0.368		
23)		Bromochloromethane	0.186		
24)	CP	Chloroform	0.865		
25)		2,2-Dichloropropane	0.601		
26)		Cyclohexane	0.461		
27)	S	Dibromofluoromethan	0.725		
28)	S	1,2-Dichloroethane-	0.316		
29)		1,2-Dichloroethane	0.396		
30)		1,1,1-Trichloroetha	0.748		
31)		1,1-Dichloropropene	0.551		
32)		Carbon tetrachlorid	0.726		
33)	M	Benzene	0.928		
34)	M	Trichloroethene	0.478		
35)		Dibromomethane	0.334		
36)		Methylcyclohexane	0.426		
37)	CP	1,2-Dichloropropane	0.385		
38)		Bromodichloromethan	0.917		
39)		2-Chloroethylvinyl	0.098		
40)		4-Methyl-2-pentanon	0.225		
41)		cis-1,3-Dichloropro	0.527		
42)	S	Toluene-d8	0.881		
43)	CPM	Toluene	0.574		

(#) = Out of Range ### Number of calibration levels exceeded format ###

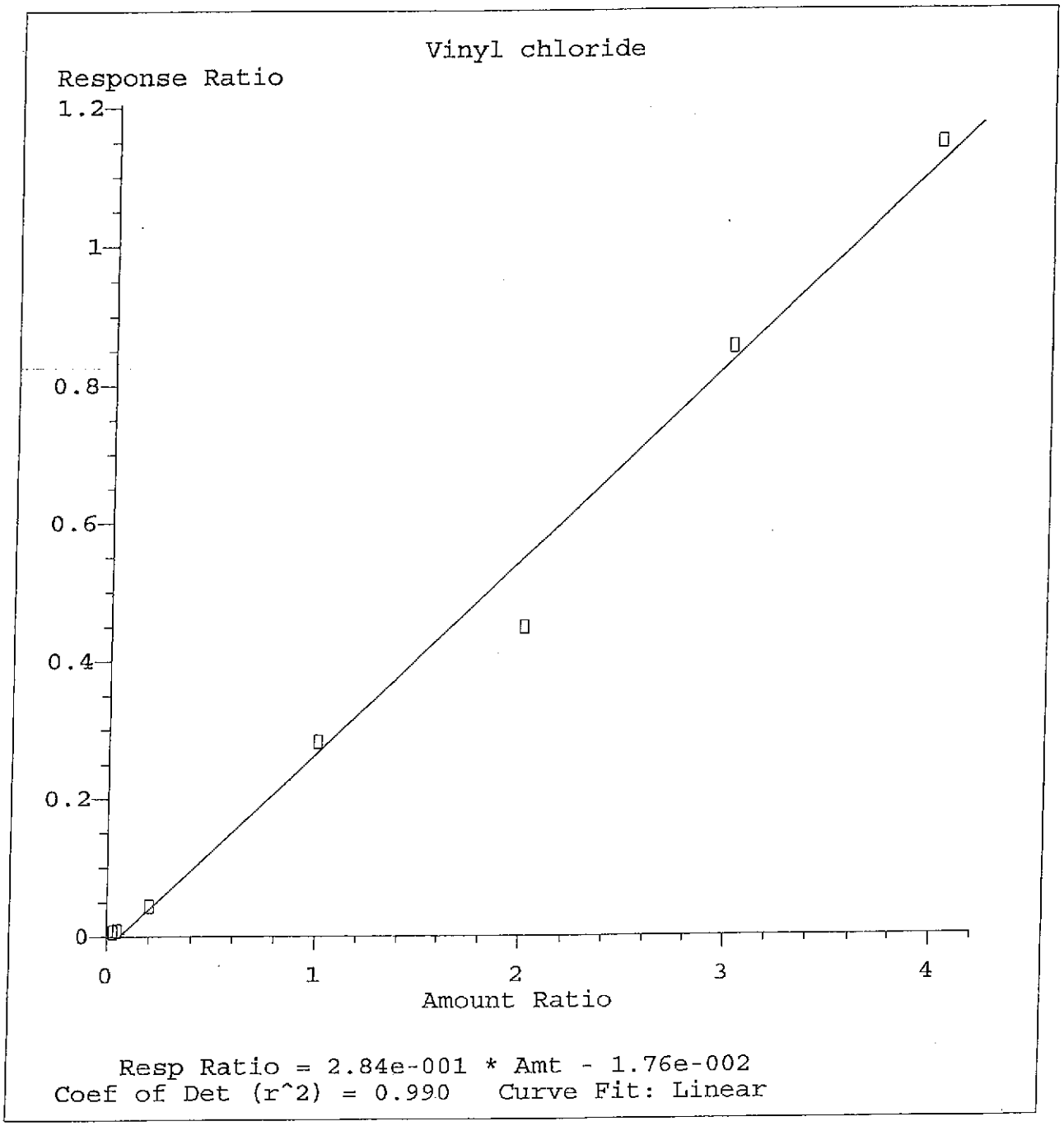
Response Factor Report #2MS12

Method : C:\HPCHEM\1\METHODS\MO09VOCW.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 06:59:05 2007
Response via : Initial Calibration

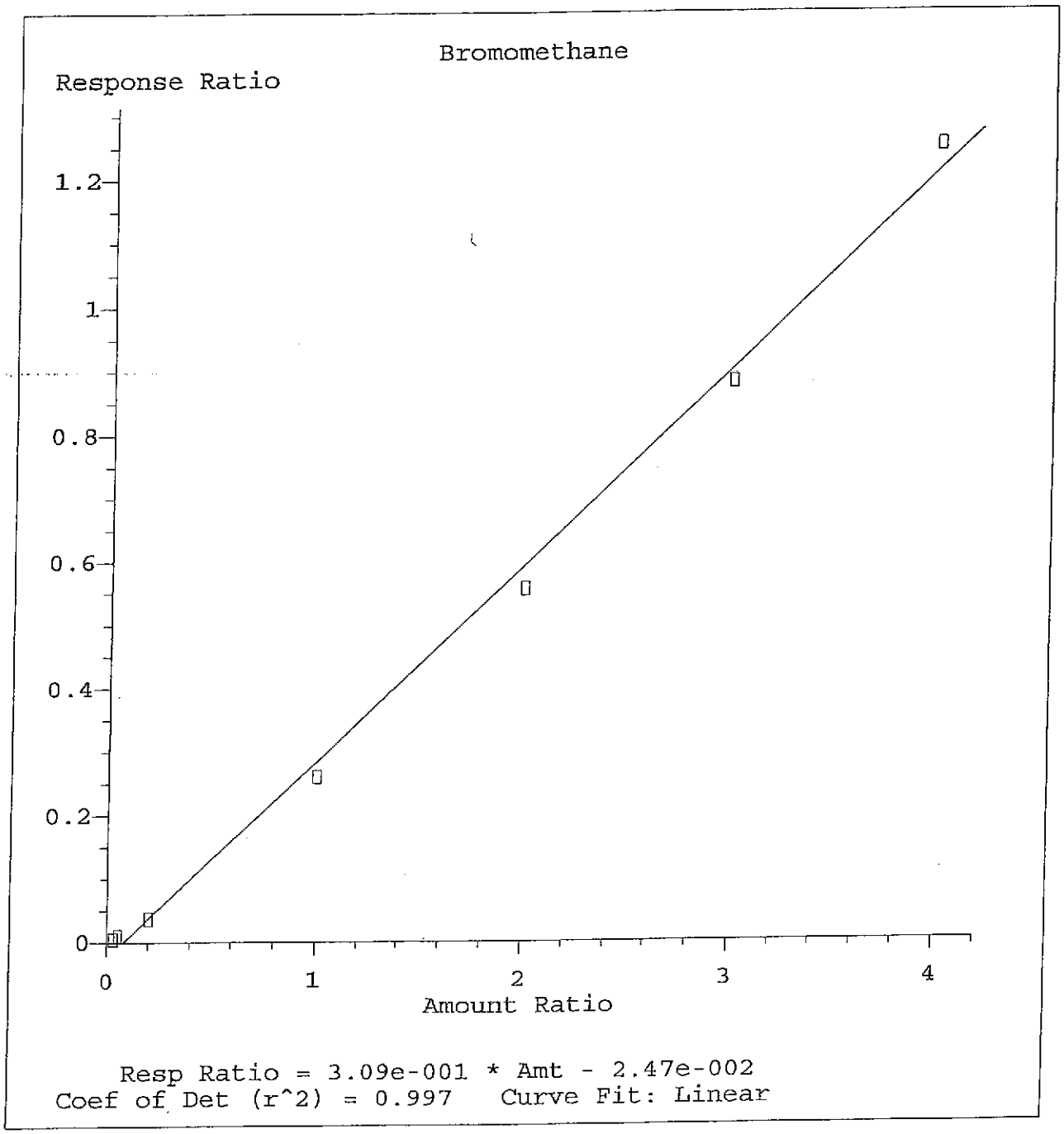
Calibration Files
40 =M2781.D = =
= = =

		Compound	40	Avg	%RS
44)		trans-1,3-Dichlorop	0.386		
45)		1,1,2-Trichloroetha	0.243		
46)		2-Hexanone	0.129		
47)	I	Chlorobenzene-d5	----------ISTD----------		
48)		1,2-Dibromoethane	0.680		
49)		1,3-Dichloropropane	0.696		
50)		Dibromochloromethan	1.054		
51)		Tetrachloroethene	0.839		
52)		1-Chlorohexane	0.672		
53)		1,1,1,2-Tetrachloro	0.711		
54)	PM	Chlorobenzene	1.153		
55)	CP	Ethylbenzene	1.715		
56)		(m+p)-Xylene	0.658		
57)		o-Xylene	0.714		
58)		Styrene	1.039		
59)	P	Bromoform	0.576		
60)	S	Bromofluorobenzene	1.160		
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------		
62)		trans-1,4-Dichloro-	0.062		
63)	P	1,1,2,2-Tetrachloro	1.040		
64)		Isopropylbenzene	2.861		
65)		1,2,3-Trichloroprop	0.559		
66)		Bromobenzene	0.973		
67)		n-Propylbenzene	3.668		
68)		2-Chlorotoluene	2.887		
69)		4-Chlorotoluene	2.512		
70)		1,3,5-Trimethylbenz	2.263		
71)		tert-Butylbenzene	2.265		
72)		1,2,4-Trimethylbenz	2.065		
73)		sec-Butylbenzene	3.192		
74)		1,3-Dichlorobenzene	1.670		
75)		p-Isopropyltoluene	2.402		
76)		1,4-Dichlorobenzene	1.519		
77)		n-Butylbenzene	2.303		
78)		1,2-Dichlorobenzene	1.461		
79)		1,2-Dibromo-3-chlor	0.239		
80)		1,2,4-Trichlorobenz	1.039		
81)		Hexachlorobutadiene	0.861		
82)		Naphthalene	0.892		
83)		1,2,3-Trichlorobenz	0.818		

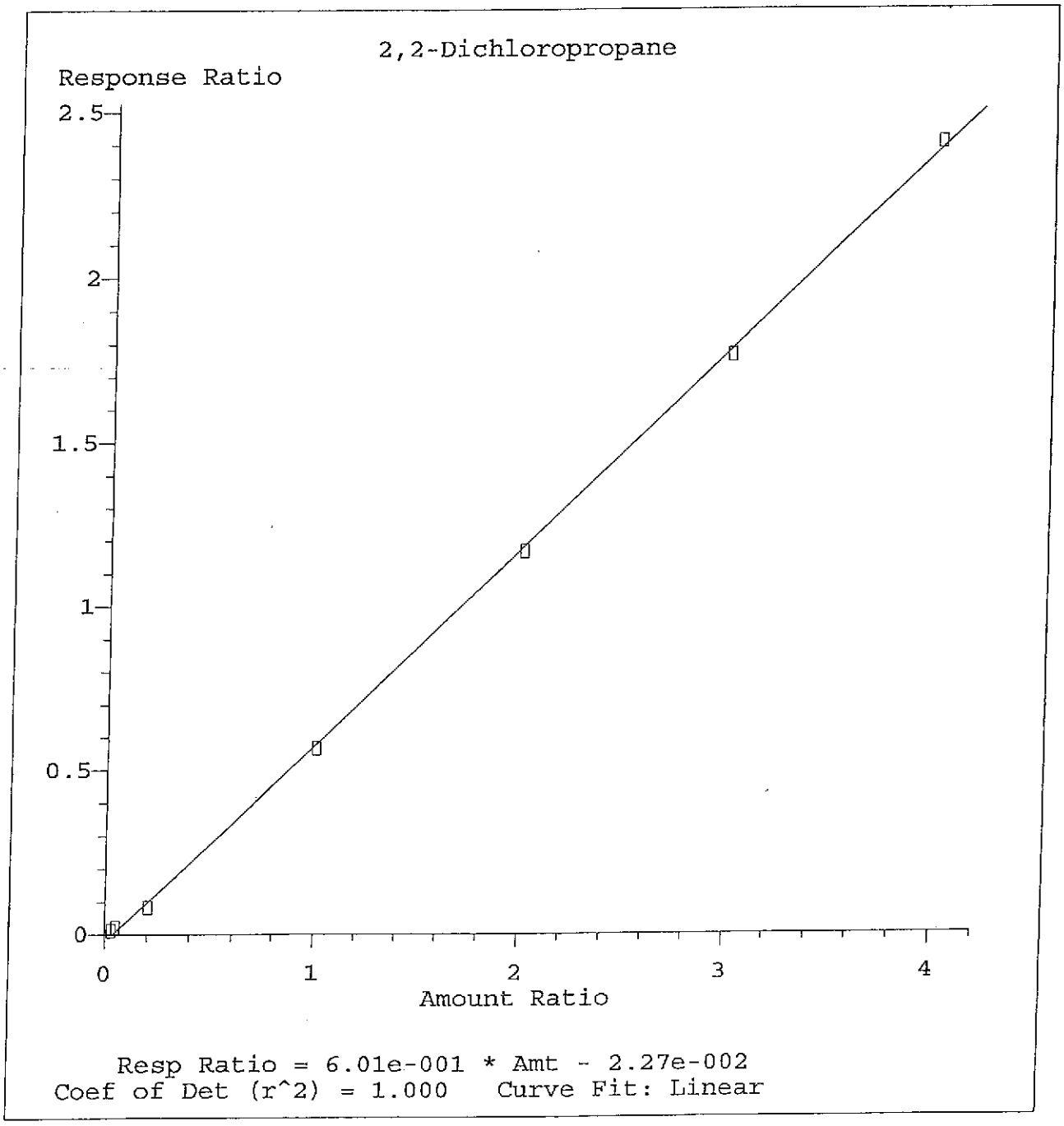
(#) = Out of Range ### Number of calibration levels exceeded format ###



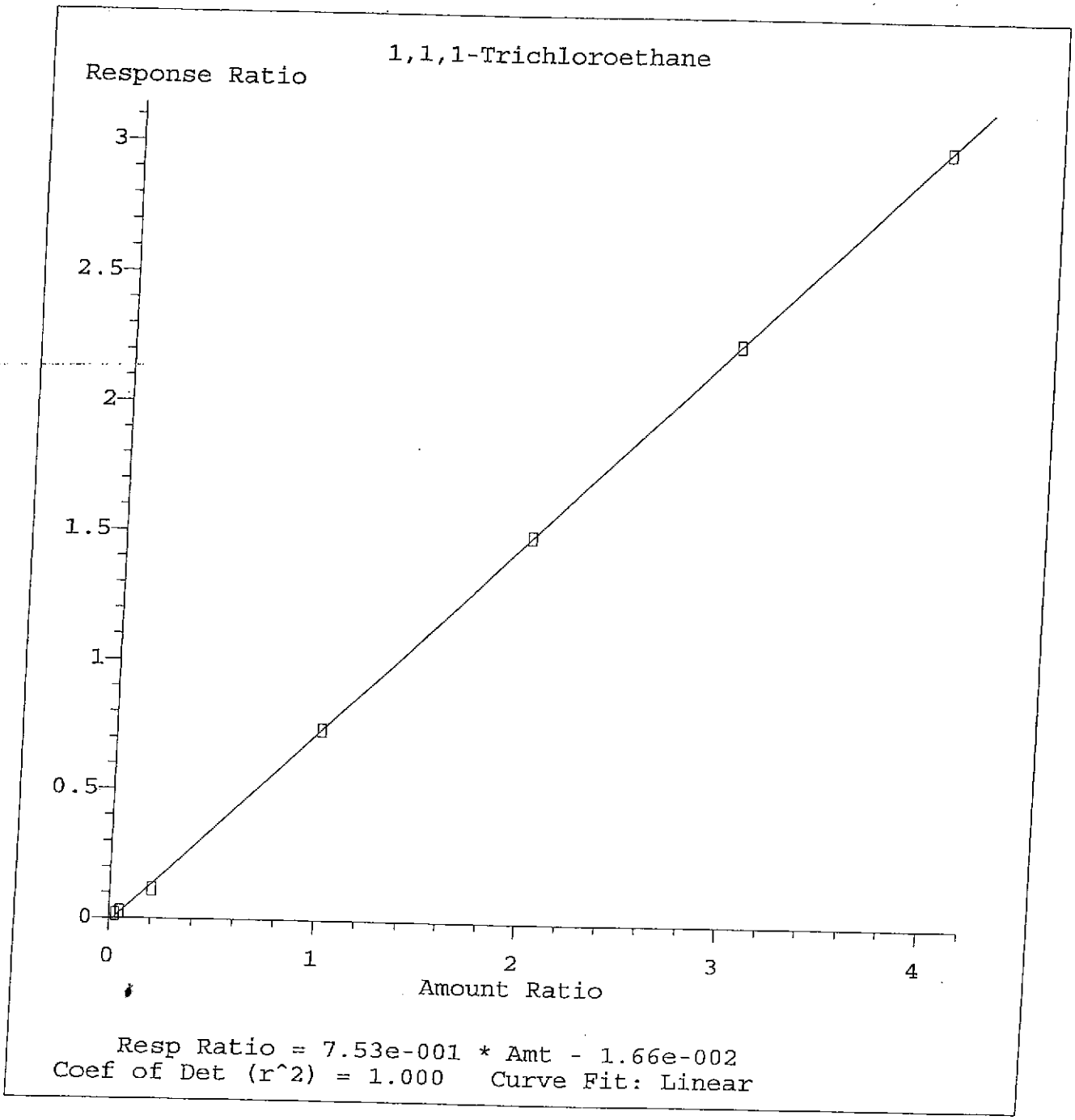
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Calibration Table Last Updated: Wed Oct 10 06:38:29 2007



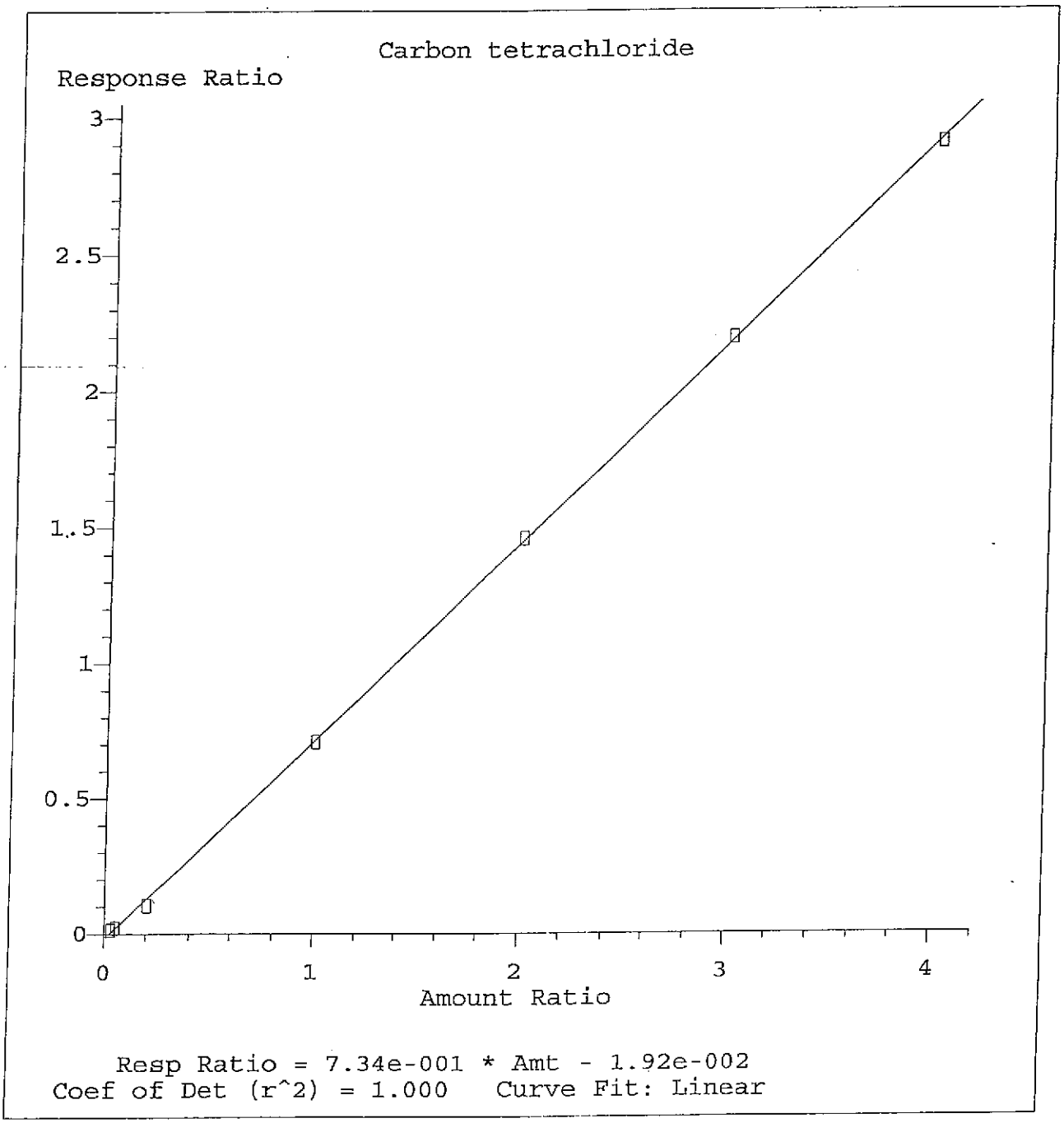
Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:38:29 2007



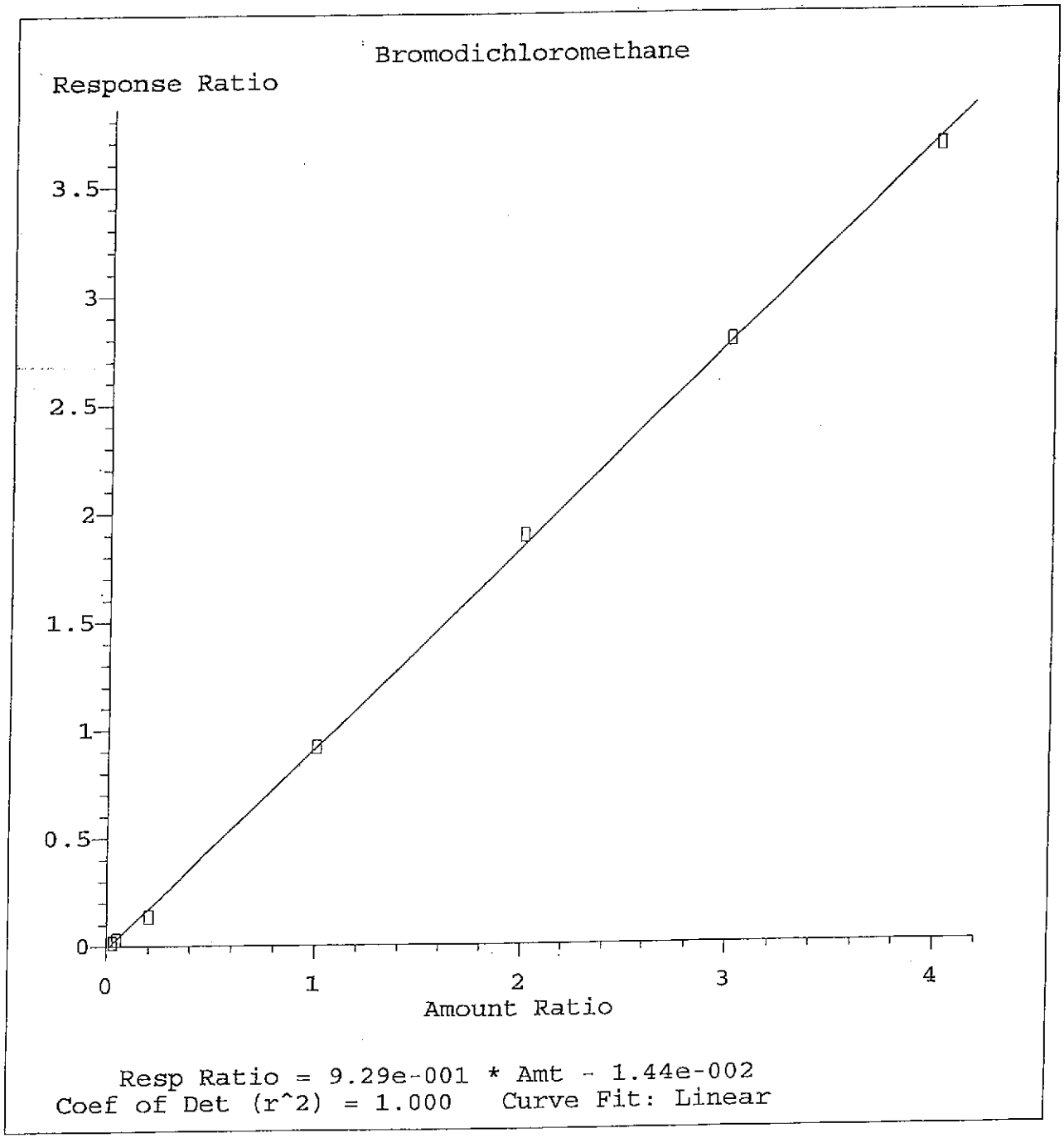
Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:52:52 2007



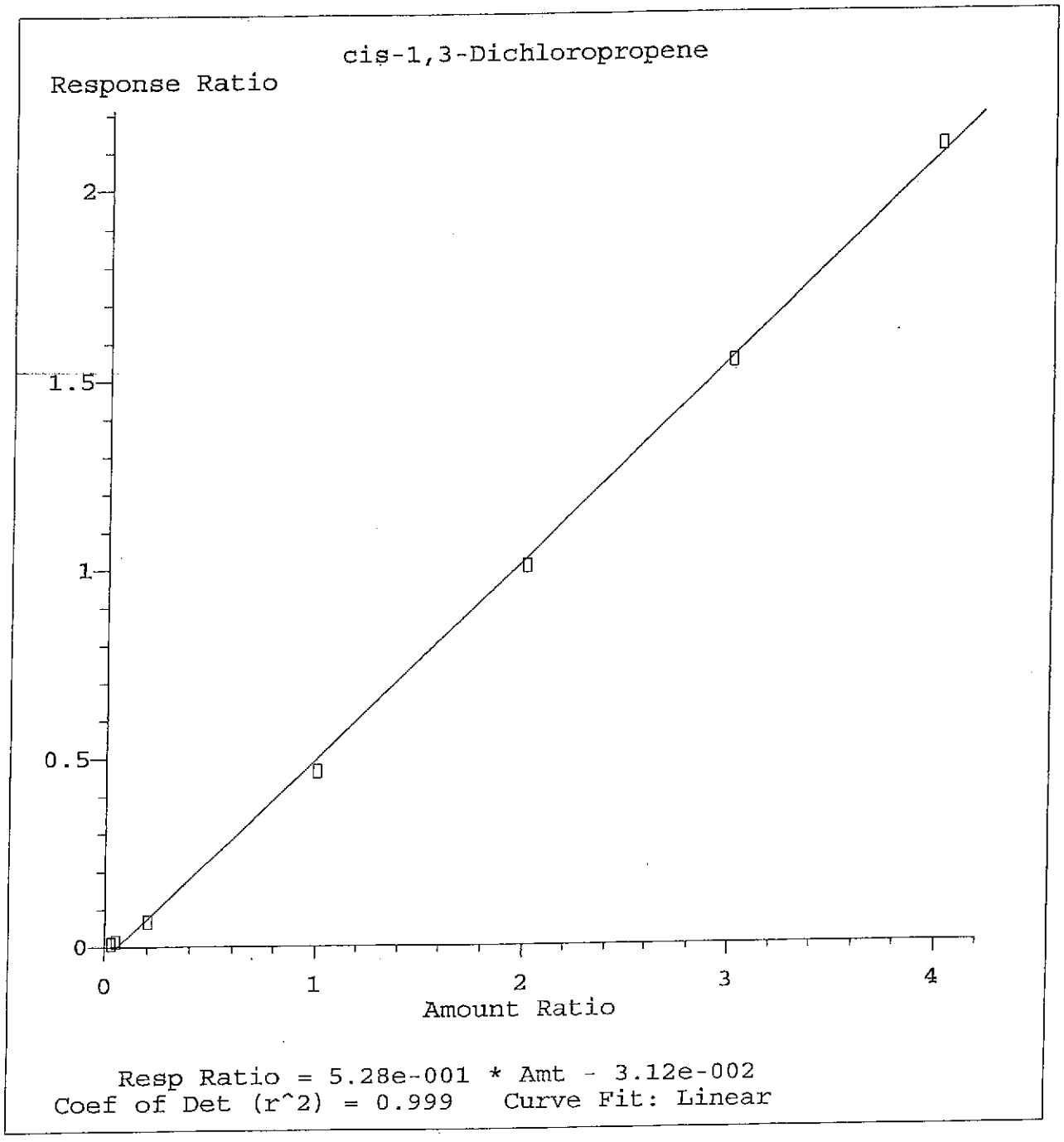
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Calibration Table Last Updated: Wed Oct 10 06:53:11 2007



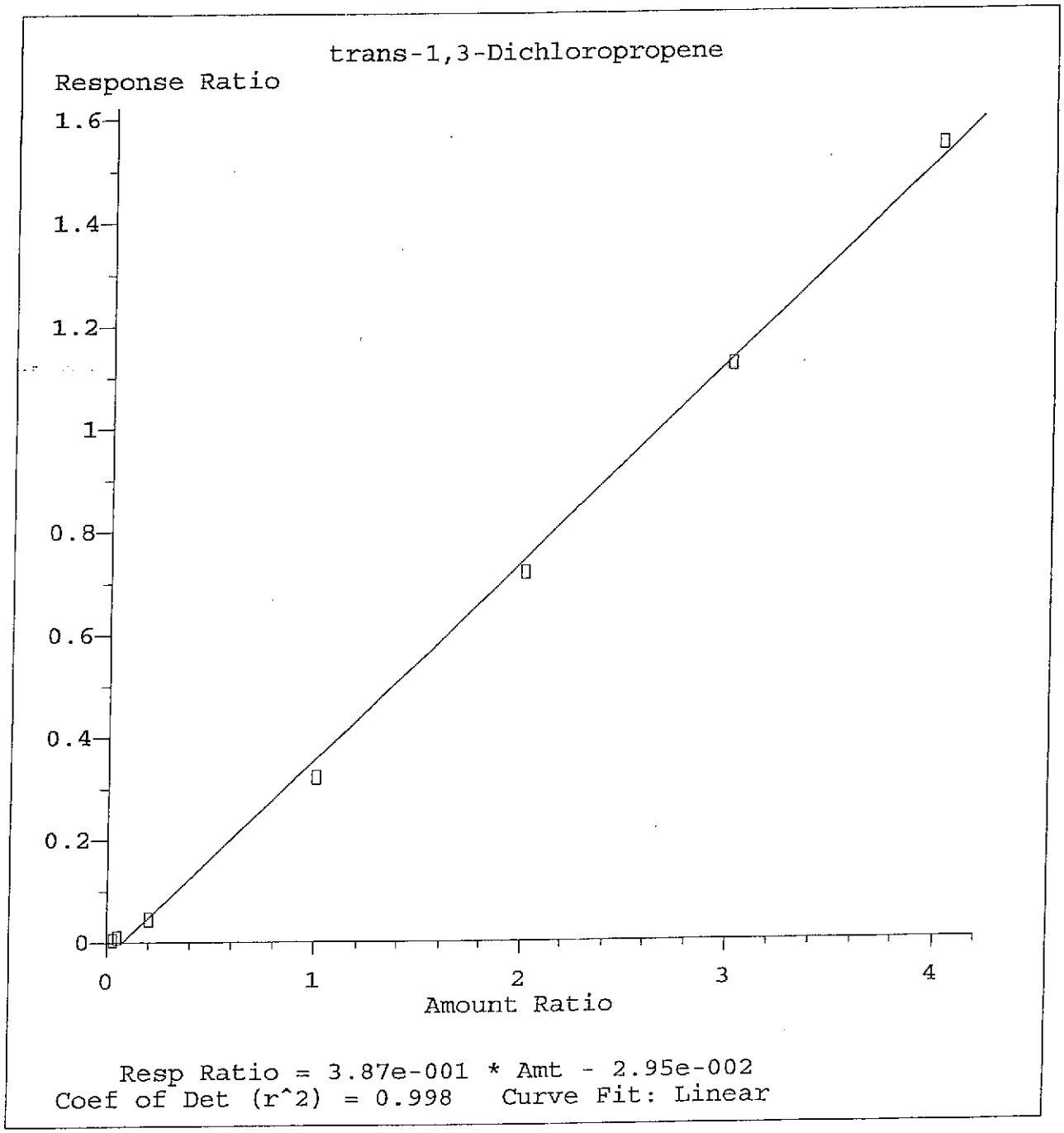
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Calibration Table Last Updated: Wed Oct 10 06:53:26 2007



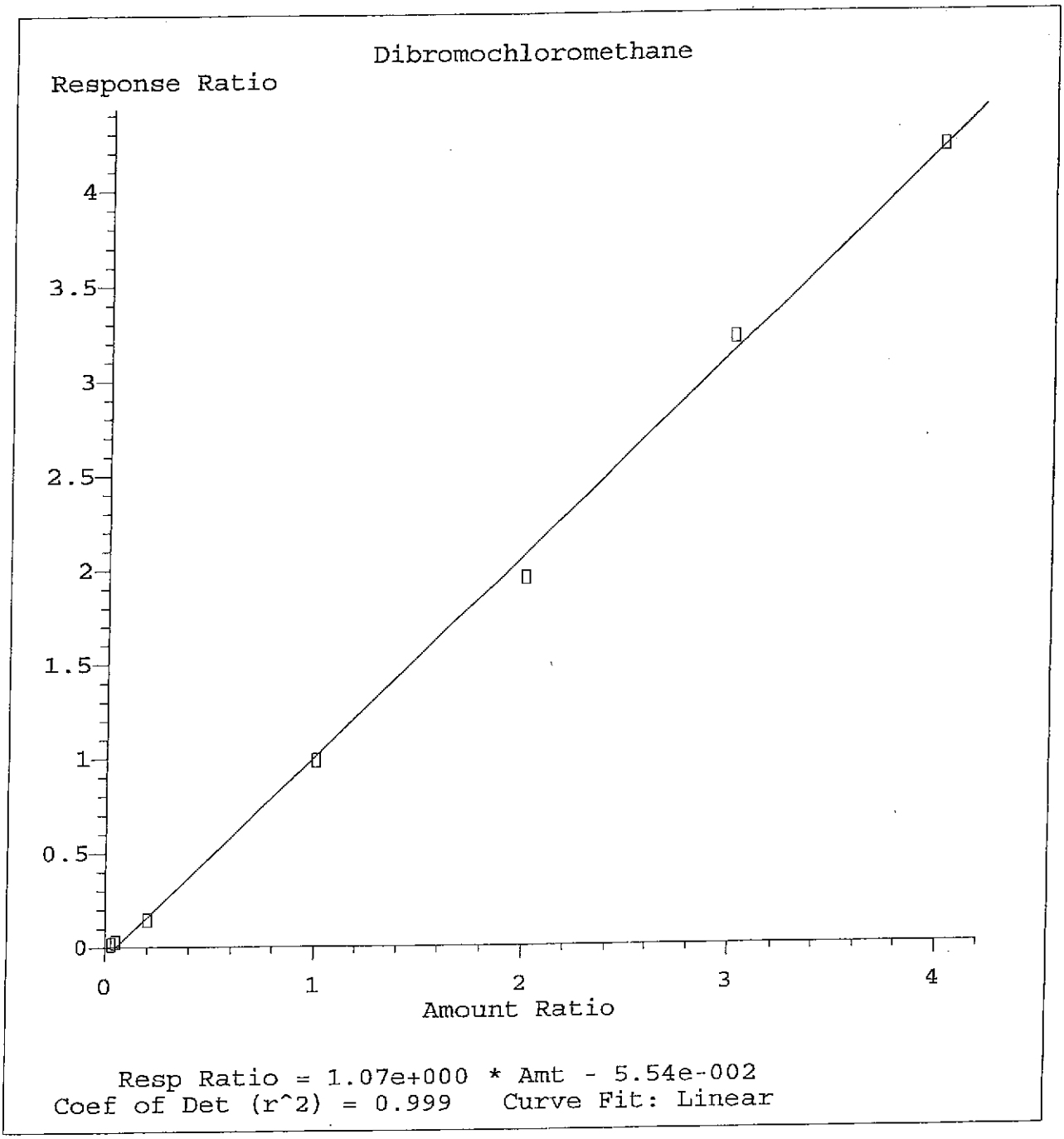
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Calibration Table Last Updated: Wed Oct 10 06:53:40 2007



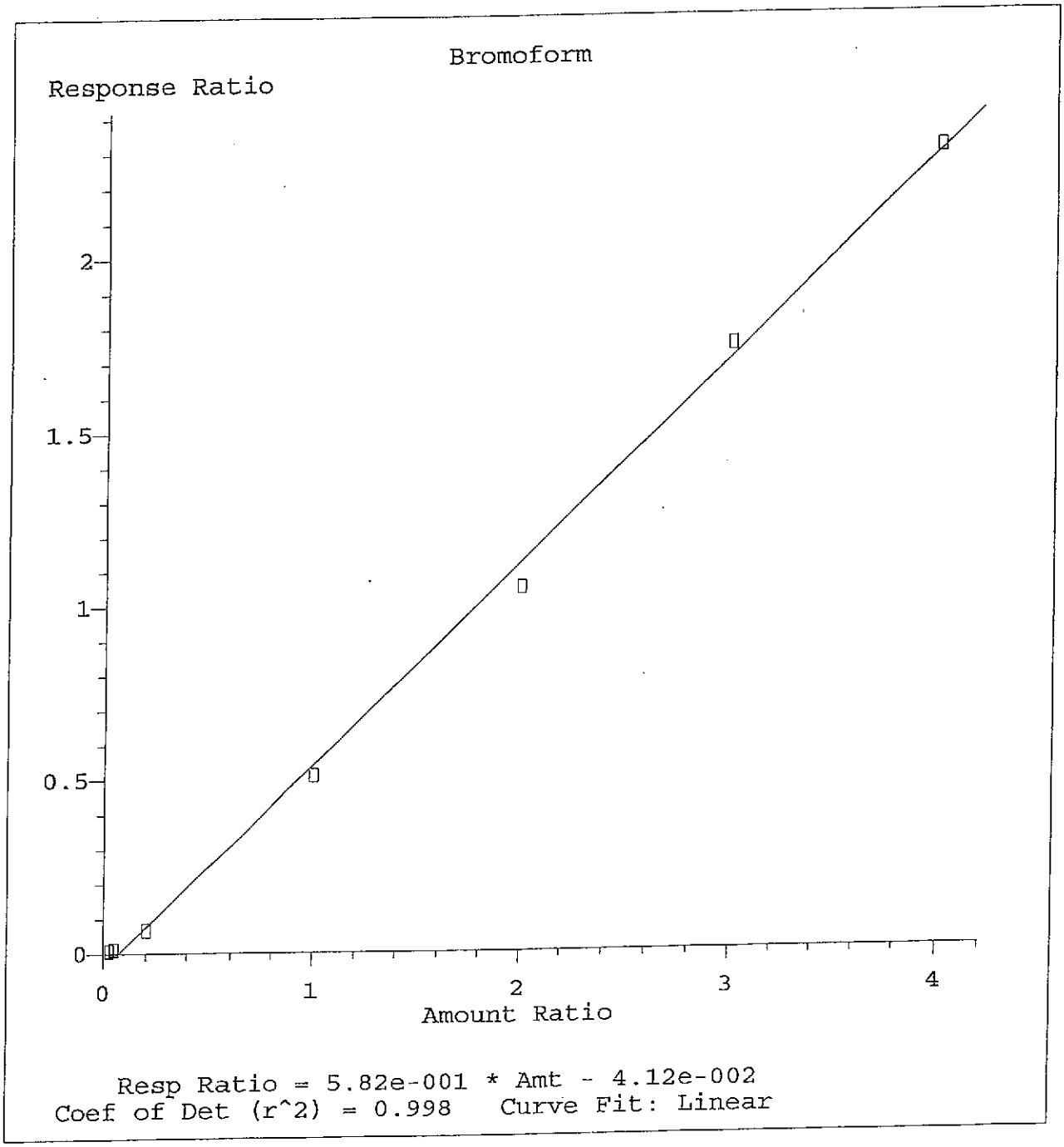
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Calibration Table Last Updated: Wed Oct 10 06:53:52 2007



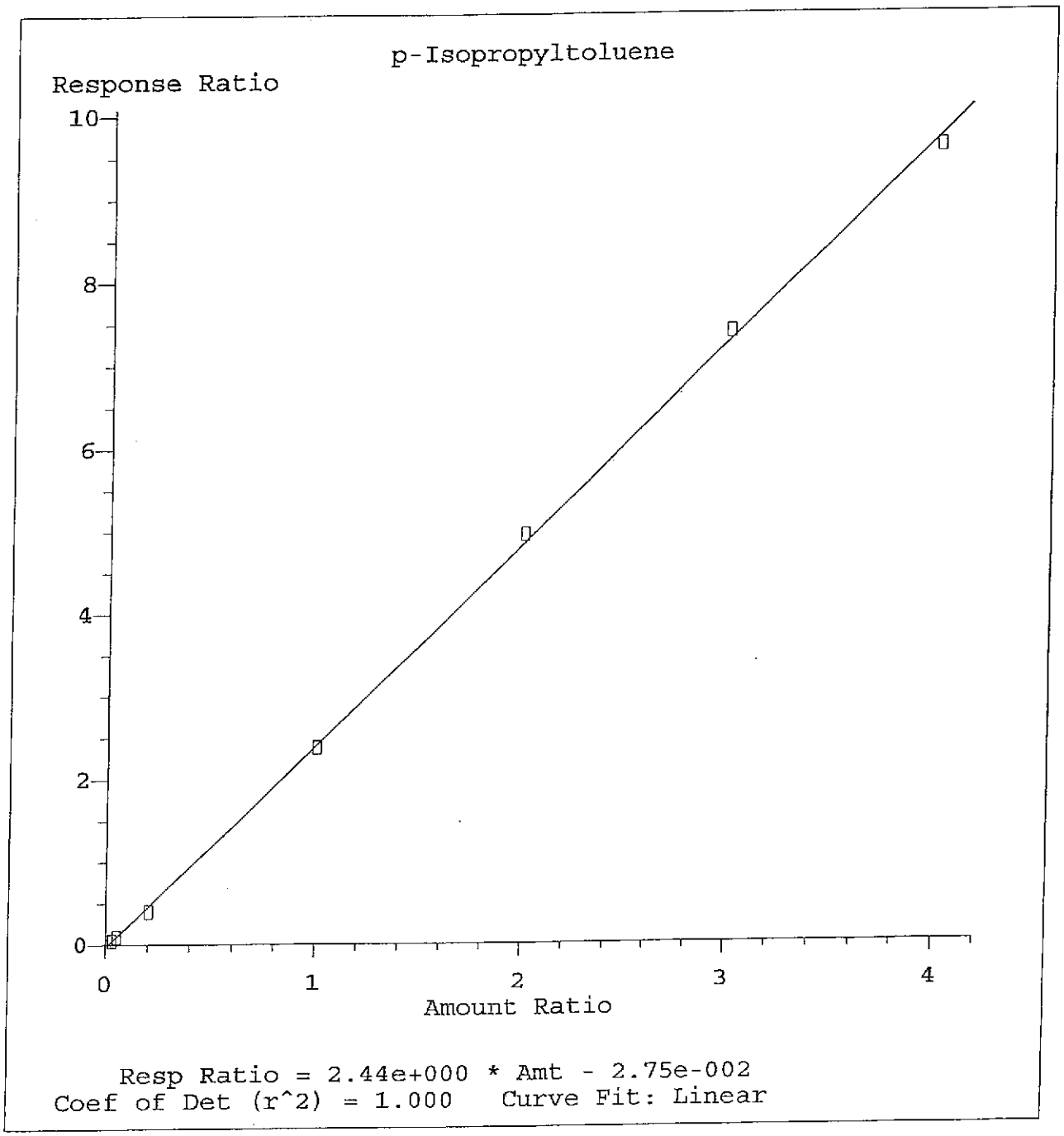
Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:54:04 2007



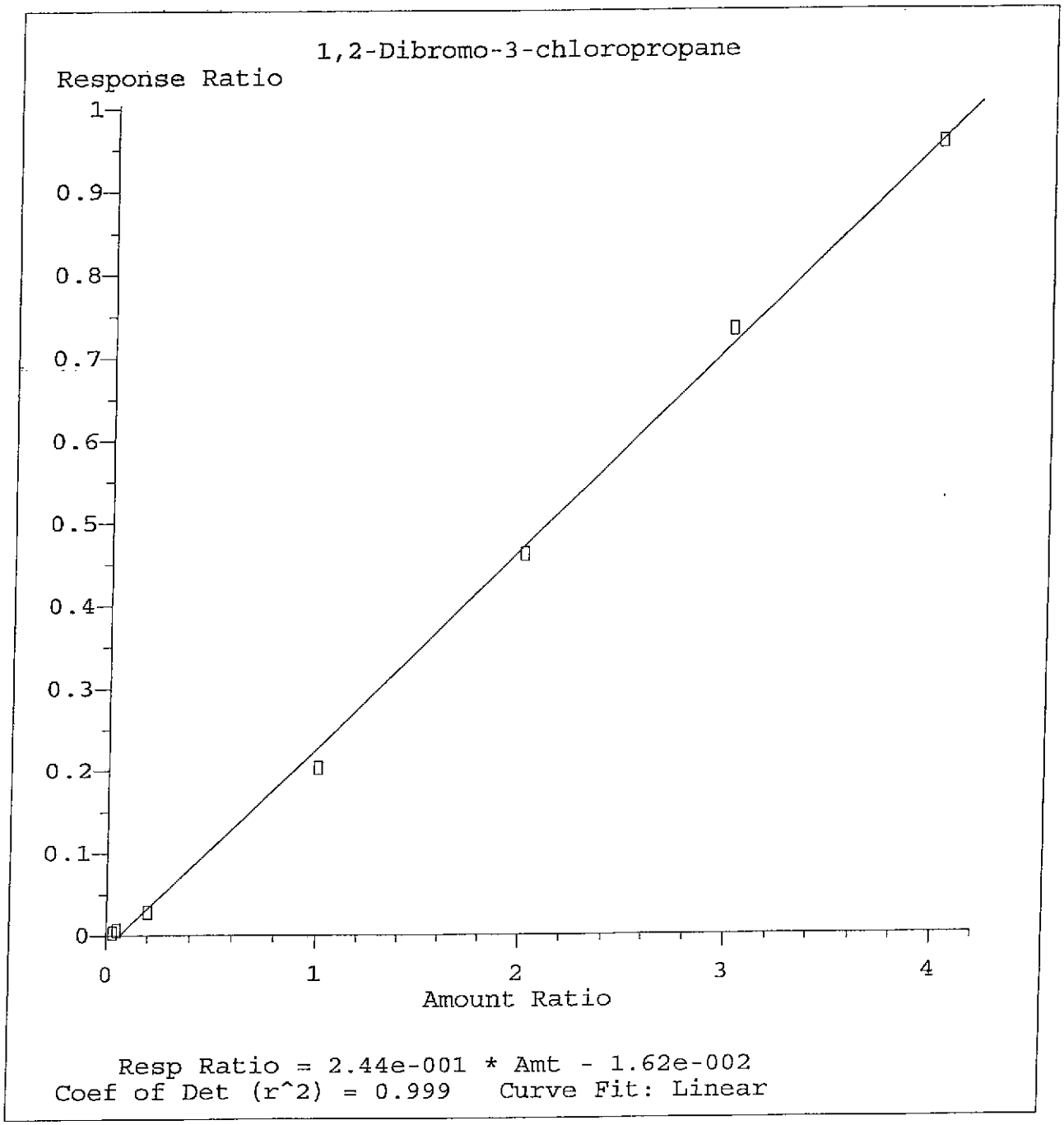
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Calibration Table Last Updated: Wed Oct 10 06:54:25 2007



Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:54:38 2007



Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:55:14 2007



Method Name: C:\HPCHEM\1\METHODS\MO09VOCW.M
Calibration Table Last Updated: Wed Oct 10 06:55:33 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11052
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1056
Second Source ID:	ICV-11072	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	100	97	2.9	
1,1,1,2-Tetrachloroethane	50	47	5.9	
1,1,1-Trichloroethane	50	45	9.3	
1,1,2,2-Tetrachloroethane	50	48	4.6	
1,1,2-Trichloroethane	50	45	9.3	
1,1-Dichloroethane	50	46	9.0	
1,1-Dichloroethene	50	45	10.2	
1,1-Dichloropropene	50	45	9.7	
1,2,3-Trichlorobenzene	50	51	-1.3	
1,2,3-Trichloropropane	50	46	7.8	
1,2,4-Trichlorobenzene	50	49	2.0	
1,2,4-Trimethylbenzene	50	50	0.3	
1,2-Dibromo-3-chloropropane	50	49	1.6	
1,2-Dibromoethane	50	46	7.9	
1,2-Dichlorobenzene	50	47	5.1	
1,2-Dichloroethane	50	45	9.6	
1,2-Dichloroethane-d4	50	53	-5.9	
1,2-Dichloropropane	50	45	9.7	
1,3,5-Trimethylbenzene	50	50	0.2	
1,3-Dichlorobenzene	50	47	6.8	
1,3-Dichloropropane	50	47	6.4	
1,4-Dichlorobenzene	50	45	10.4	
1-Chlorohexane	50	44	11.8	
2,2-Dichloropropane	50	45	9.8	
2-Butanone	100	100	-2.6	
2-Chlorotoluene	50	48	3.5	
4-Bromofluorobenzene	50	53	-6.0	
4-Chlorotoluene	50	48	3.0	
4-Methyl-2-pentanone	100	110	-5.9	
Acetone	100	110	-14.8	
Benzene	50	49	2.8	
Bromobenzene	50	47	6.8	
Bromochloromethane	50	46	7.6	
Bromodichloromethane	50	46	7.5	
Bromoform	50	43	13.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11052
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1056
Second Source ID:	ICV-11072	**Concentration Units (mg/L or mg/kg):**	ug/Kg

Analyte	Expected	Found	%D	Q
Bromomethane	50	48	4.2	
Carbon tetrachloride	50	45	9.4	
Chlorobenzene	50	47	5.8	
Chloroethane	50	49	1.8	
Chloroform	50	45	9.6	
Chloromethane	50	51	-2.1	
cis-1,2-Dichloroethene	50	46	8.6	
cis-1,3-Dichloropropene	50	47	6.1	
Dibromochloromethane	50	44	12.1	
Dibromofluoromethane	50	54	-8.6	
Dibromomethane	50	46	7.5	
Dichlorodifluoromethane	50	48	3.1	
Ethylbenzene	50	44	11.3	
Hexachlorobutadiene	50	47	6.9	
Isopropylbenzene	50	45	10.3	
Methyl tert-butyl ether	50	49	2.8	
Methylene chloride	50	49	3.0	
n-Butylbenzene	50	41	18.2	
n-Propylbenzene	50	45	10.5	
Naphthalene	50	47	6.4	
o-Xylene	50	47	6.1	
p-Isopropyltoluene	50	50	0.3	
sec-Butylbenzene	50	44	12.4	
Styrene	50	50	-0.3	
tert-Butylbenzene	50	50	0.6	
Tetrachloroethene	50	44	12.1	
Toluene	50	45	10.6	
Toluene-d8	50	52	-4.9	
trans-1,2-Dichloroethene	50	45	10.5	
trans-1,3-Dichloropropene	50	47	6.1	
Trichloroethene	50	44	11.9	
Trichlorofluoromethane	50	48	4.4	
Vinyl chloride	50	51	-1.9	
Xylenes (total)	150	140	3.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	19.9	0.6	
1,1,1,2-Tetrachloroethane	10	9.42	5.8	
1,1,1-Trichloroethane	10	9.9	1.0	
1,1,2,2-Tetrachloroethane	10	10	0	
1,1,2-Trichloroethane	10	9.63	3.7	
1,1-Dichloroethane	10	9.6	4.0	
1,1-Dichloroethene	10	9.23	7.7	
1,1-Dichloropropene	10	10	-0.4	
1,2,3-Trichlorobenzene	10	9.26	7.4	
1,2,3-Trichloropropane	10	9.91	0.9	
1,2,4-Trichlorobenzene	10	9.25	7.5	
1,2,4-Trimethylbenzene	10	10.9	-9.2	
1,2-Dibromo-3-chloropropane	10	8.94	10.6	
1,2-Dibromoethane	10	9.56	4.4	
1,2-Dichlorobenzene	10	10.3	-3.1	
1,2-Dichloroethane	10	9.49	5.1	
1,2-Dichloroethane-d4	10	10	-0.5	
1,2-Dichloropropane	10	9.42	5.8	
1,3,5-Trimethylbenzene	10	10.8	-8.3	
1,3-Dichlorobenzene	10	10.1	-1.3	
1,3-Dichloropropane	10	9.57	4.3	
1,4-Dichlorobenzene	10	9.91	0.9	
1-Chlorohexane	10	9.45	5.5	
2,2-Dichloropropane	10	8.99	10.1	
2-Butanone	20	19.5	2.5	
2-Chlorotoluene	10	10.3	-3.4	
4-Bromofluorobenzene	10	9.94	0.6	
4-Chlorotoluene	10	10.4	-4.3	
4-Methyl-2-pentanone	20	17.7	11.4	
Acetone	20	22.4	-12.0	
Benzene	10	10	-0.4	
Bromobenzene	10	10.1	-0.7	
Bromochloromethane	10	9.2	8.0	
Bromodichloromethane	10	10.1	-0.7	
Bromoform	10	8.63	13.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11177
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	1060
Second Source ID:	ICV-11177	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	9.3	7.0	
Carbon tetrachloride	10	9.08	9.2	
Chlorobenzene	10	9.76	2.4	
Chloroethane	10	9.51	4.9	
Chloroform	10	9.61	3.9	
Chloromethane	10	9.52	4.8	
cis-1,2-Dichloroethene	10	9.65	3.5	
cis-1,3-Dichloropropene	10	10.2	-2.3	
Dibromochloromethane	10	9.6	4.0	
Dibromofluoromethane	10	10.1	-1.1	
Dibromomethane	10	9.45	5.5	
Dichlorodifluoromethane	10	9.58	4.2	
Ethylbenzene	10	10.3	-2.7	
Hexachlorobutadiene	10	9.44	5.6	
Isopropylbenzene	10	11	-9.6	
Methyl tert-butyl ether	10	10.1	-1.1	
Methylene chloride	10	9.11	8.9	
n-Butylbenzene	10	11.7	-17.4	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.14	8.6	
o-Xylene	10	9.84	1.6	
p-Isopropyltoluene	10	11.2	-11.7	
sec-Butylbenzene	10	11.2	-11.6	
Styrene	10	9.06	9.4	
tert-Butylbenzene	10	10.5	-5.0	
Tetrachloroethene	10	9.43	5.7	
Toluene	10	10.3	-2.8	
Toluene-d8	10	10.8	-8.2	
trans-1,2-Dichloroethene	10	9.52	4.8	
trans-1,3-Dichloropropene	10	8.96	10.4	
Trichloroethene	10	9.56	4.4	
Trichlorofluoromethane	10	10	-0.5	
Vinyl chloride	10	10	-0.1	
Xylenes (total)	30	29.7	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11406
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	1078
Second Source ID:	ICV-11406	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	20.3	-1.5	
1,1,1,2-Tetrachloroethane	10	10.7	-7.0	
1,1,1-Trichloroethane	10	9.81	1.9	
1,1,2,2-Tetrachloroethane	10	9.5	5.0	
1,1,2-Trichloroethane	10	10.1	-1.0	
1,1-Dichloroethane	10	10.4	-4.0	
1,1-Dichloroethene	10	10.7	-7.3	
1,1-Dichloropropene	10	10.5	-5.3	
1,2,3-Trichlorobenzene	10	9.3	7.0	
1,2,3-Trichloropropane	10	9.83	1.7	
1,2,4-Trichlorobenzene	10	9.45	5.5	
1,2,4-Trimethylbenzene	10	10.4	-4.3	
1,2-Dibromo-3-chloropropane	10	8.66	13.4	
1,2-Dibromoethane	10	9.91	0.9	
1,2-Dichlorobenzene	10	9.86	1.4	
1,2-Dichloroethane	10	9.48	5.2	
1,2-Dichloroethane-d4	10	9.87	1.3	
1,2-Dichloropropane	10	10	-0.5	
1,3,5-Trimethylbenzene	10	10.3	-3.0	
1,3-Dichlorobenzene	10	10.2	-2.3	
1,3-Dichloropropane	10	9.54	4.6	
1,4-Dichlorobenzene	10	10	-0.2	
1-Chlorohexane	10	11	-9.5	
2,2-Dichloropropane	10	9.59	4.1	
2-Butanone	20	18.3	8.6	
2-Chlorotoluene	10	9.75	2.5	
4-Bromofluorobenzene	10	9.76	2.4	
4-Chlorotoluene	10	9.89	1.1	
4-Methyl-2-pentanone	20	19.2	4.0	
Acetone	20	16.2	19.0	
Benzene	10	10.1	-1.1	
Bromobenzene	10	9.98	0.2	
Bromochloromethane	10	10.3	-3.4	
Bromodichloromethane	10	9.56	4.4	
Bromoform	10	8.98	10.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11406
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS02_12	**Initial Calibration ID:**	1078
Second Source ID:	ICV-11406	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	9.54	4.6	
Carbon tetrachloride	10	9.85	1.5	
Chlorobenzene	10	9.93	0.7	
Chloroethane	10	10.6	-6.3	
Chloroform	10	10.3	-3.4	
Chloromethane	10	10.8	-8.5	
cis-1,2-Dichloroethene	10	10.3	-3.1	
cis-1,3-Dichloropropene	10	9.4	6.0	
Dibromochloromethane	10	9.34	6.6	
Dibromofluoromethane	10	10.6	-5.7	
Dibromomethane	10	10	0	
Dichlorodifluoromethane	10	10.2	-2.3	
Ethylbenzene	10	10.5	-5.2	
Hexachlorobutadiene	10	10.6	-5.6	
Isopropylbenzene	10	10.3	-3.4	
Methyl tert-butyl ether	10	10	-0.3	
Methylene chloride	10	9.87	1.3	
n-Butylbenzene	10	10.5	-5.0	
n-Propylbenzene	10	10.6	-6.0	
Naphthalene	10	8.5	15.0	
o-Xylene	10	10.1	-0.9	
p-Isopropyltoluene	10	9.63	3.7	
sec-Butylbenzene	10	10.9	-9.4	
Styrene	10	10.3	-2.9	
tert-Butylbenzene	10	10.4	-4.0	
Tetrachloroethene	10	10.3	-2.7	
Toluene	10	10.4	-4.5	
Toluene-d8	10	10.8	-8.1	
trans-1,2-Dichloroethene	10	10.4	-3.7	
trans-1,3-Dichloropropene	10	9.24	7.6	
Trichloroethene	10	10.4	-3.6	
Trichlorofluoromethane	10	10.5	-5.1	
Vinyl chloride	10	10.1	-1.1	
Xylenes (total)	30	30.4	-1.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Initial Calibration -ID: 1056

ICV ID: ICV-11072

CCV #1 ID: CCV-11301

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	80	0.00
2		Dichlorodifluoromethane	0.277	0.247	10.8	71	0.00
3	P	Chloromethane	0.362	0.290	19.9	67	0.00
4	CP	Vinyl chloride	0.321	0.361	-12.5	92	0.00
5		Bromomethane	0.185	0.245	-32.4#	120	0.00
6		Chloroethane	0.237	0.343	-44.7#	118	0.00
7		Trichlorofluoromethane	0.523	0.876	-67.5#	133	0.00
8		Acetone	0.125	0.080	36.0#	67	0.00
9	CPM	1,1-Dichloroethene	0.189	0.184	2.6	71	0.00
10		Methylene chloride	0.331	0.267	19.3	61	0.00
11		trans-1,2-Dichloroethene	0.236	0.240	-1.7	75	0.00
12		Methyl tert-Butyl ether	0.778	0.775	0.4	73	0.00
13	P	1,1-Dichloroethane	0.471	0.471	0.0	74	0.00
		2-Butanone	0.196	0.146	25.5#	66	0.00
		cis-1,2-Dichloroethene	0.264	0.277	-4.9	78	0.00
16		Bromochloromethane	0.126	0.131	-4.0	79	0.00
17	CP	Chloroform	0.436	0.459	-5.3	79	0.00
18		2,2-Dichloropropane	0.374	0.388	-3.7	76	0.00
19	S	Dibromofluoromethane	0.218	0.230	-5.5	80	0.00
20	S	1,2-Dichloroethane-d4	0.303	0.297	2.0	75	0.00
21		1,2-Dichloroethane	0.365	0.360	1.4	75	0.00
22		1,1,1-Trichloroethane	0.386	0.410	-6.2	77	0.00
23		1,1-Dichloropropene	0.335	0.355	-6.0	77	0.00
24		Carbon tetrachloride	0.291	0.306	-5.2	76	0.00
25	M	Benzene	1.010	1.120	-10.9	77	0.00
26	M	Trichloroethene	0.262	0.281	-7.3	81	0.00
27		Dibromomethane	0.155	0.156	-0.6	76	0.00
28	CP	1,2-Dichloropropane	0.281	0.277	1.4	75	0.00
29		Bromodichloromethane	0.318	0.329	-3.5	77	0.00
30		4-Methyl-2-pentanone	0.364	0.322	11.5	70	0.00
31		cis-1,3-Dichloropropene	0.425	0.439	-3.3	75	0.00
32	S	Toluene-d8	0.809	0.894	-10.5	77	0.00
33	CPM	Toluene	0.707	0.689	2.5	73	0.00
34		trans-1,3-Dichloropropene	0.385	0.397	-3.1	75	0.00
35		1,1,2-Trichloroethane	0.196	0.197	-0.5	76	0.00
36		1,2-Dibromoethane	0.223	0.219	1.8	74	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
		1,3-Dichloropropane	0.985	1.025	-4.1	75	0.00
		Dibromochloromethane	0.557	0.584	-4.8	75	0.00
40		Tetrachloroethene	0.601	0.671	-11.6	79	0.00

(#) = Out of Range

ABM 10-4-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.781	0.866	-10.9	77	0.00
42		1,1,1,2-Tetrachloroethane	0.533	0.582	-9.2	77	0.00
43	PM	Chlorobenzene	1.576	1.784	-13.2	79	0.00
44	CP	Ethylbenzene	2.597	3.138	-20.8#	79	0.00
45		(m+p)-Xylene	0.962	1.083	-12.6	75	0.00
46		o-Xylene	0.992	1.011	-1.9	72	0.00
47		Styrene	1.558	1.697	-8.9	72	0.00
48	P	Bromoform	0.377	0.369	2.1	69	0.00
49	S	Bromofluorobenzene	0.756	0.725	4.1	71	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
51	P	1,1,2,2-Tetrachloroethane	1.054	1.149	-9.0	70	0.00
52		Isopropylbenzene	3.211	4.179	-30.1#	76	0.00
[illegible]		1,2,3-Trichloropropane	0.950	0.961	-1.2	67	0.00
[illegible]		Bromobenzene	0.918	1.015	-10.6	73	0.00
55		n-Propylbenzene	3.655	4.873	-33.3#	77	0.00
56		2-Chlorotoluene	2.641	3.055	-15.7	73	0.00
57		4-Chlorotoluene	2.269	2.582	-13.8	70	0.00
58		1,3,5-Trimethylbenzene	2.508	3.056	-21.9#	73	0.00
59		tert-Butylbenzene	2.322	2.731	-17.6	71	0.00
60		1,2,4-Trimethylbenzene	2.340	2.773	-18.5	72	0.00
61		sec-Butylbenzene	3.265	4.103	-25.7#	72	0.00
62		1,3-Dichlorobenzene	1.482	1.625	-9.6	71	0.00
63		p-Isopropyltoluene	2.617	3.151	-20.4#	70	0.00
64		1,4-Dichlorobenzene	1.521	1.609	-5.8	70	0.00
65		n-Butylbenzene	2.288	2.754	-20.4#	72	0.00
66		1,2-Dichlorobenzene	1.443	1.536	-6.4	69	0.00
67		1,2-Dibromo-3-chloropropane	0.186	0.167	10.2	58	0.00
68		1,2,4-Trichlorobenzene	0.723	0.777	-7.5	65	0.00
69		Hexachlorobutadiene	0.542	0.566	-4.4	62	0.00
70		Naphthalene	1.488	1.582	-6.3	60	0.00
71		1,2,3-Trichlorobenzene	0.672	0.678	-0.9	61	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	80	0.00
2		Dichlorodifluoromethane	50.000	44.579	10.8	71	0.00
3	P	Chloromethane	50.000	40.126	19.7	67	0.00
4	CP	Vinyl chloride	50.000	56.214	-12.4	92	0.00
5		Bromomethane	50.000	66.037	-32.1#	120	0.00
6		Chloroethane	50.000	72.200	-44.4#	118	0.00
7		Trichlorofluoromethane	50.000	83.792	-67.6#	133	0.00
8		Acetone	100.000	74.024	26.0#	67	0.00
9	CPM	1,1-Dichloroethene	50.000	48.665	2.7	71	0.00
10		Methylene chloride	50.000	42.706	14.6	61	0.00
11		trans-1,2-Dichloroethene	50.000	50.793	-1.6	75	0.00
12		Methyl tert-Butyl ether	50.000	49.834	0.3	73	0.00
13	P	1,1-Dichloroethane	50.000	49.991	0.0	74	0.00
[illegible]		2-Butanone	100.000	74.770	25.2#	66	0.00
[illegible]		cis-1,2-Dichloroethene	50.000	52.480	-5.0	78	0.00
16		Bromochloromethane	50.000	52.088	-4.2	79	0.00
17	CP	Chloroform	50.000	52.721	-5.4	79	0.00
18		2,2-Dichloropropane	50.000	51.921	-3.8	76	0.00
19	S	Dibromofluoromethane	50.000	52.733	-5.5	80	0.00
20	S	1,2-Dichloroethane-d4	50.000	48.944	2.1	75	0.00
21		1,2-Dichloroethane	50.000	49.382	1.2	75	0.00
22		1,1,1-Trichloroethane	50.000	53.133	-6.3	77	0.00
23		1,1-Dichloropropene	50.000	52.929	-5.9	77	0.00
24		Carbon tetrachloride	50.000	52.548	-5.1	76	0.00
25	M	Benzene	50.000	55.453	-10.9	77	0.00
26	M	Trichloroethene	50.000	53.566	-7.1	81	0.00
27		Dibromomethane	50.000	50.187	-0.4	76	0.00
28	CP	1,2-Dichloropropane	50.000	49.322	1.4	75	0.00
29		Bromodichloromethane	50.000	51.809	-3.6	77	0.00
30		4-Methyl-2-pentanone	100.000	88.262	11.7	70	0.00
31		cis-1,3-Dichloropropene	50.000	51.701	-3.4	75	0.00
32	S	Toluene-d8	50.000	49.952	0.1	77	0.00
33	CPM	Toluene	50.000	48.734	2.5	73	0.00
34		trans-1,3-Dichloropropene	50.000	51.560	-3.1	75	0.00
35		1,1,2-Trichloroethane	50.000	50.212	-0.4	76	0.00
36		1,2-Dibromoethane	50.000	49.219	1.6	74	0.00
37	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
[illegible]		1,3-Dichloropropane	50.000	52.050	-4.1	75	0.00
		Dibromochloromethane	50.000	47.875	4.3	75	0.00
40		Tetrachloroethene	50.000	55.789	-11.6	79	0.00

(#) = Out of Range

ABM 10-4-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4637.D
Acq On : 3 Oct 2007 10:55
Sample : CCV-11301
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 06:28:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	55.454	-10.9	77	0.00
42		1,1,1,2-Tetrachloroethane	50.000	54.638	-9.3	77	0.00
43	PM	Chlorobenzene	50.000	56.614	-13.2	79	0.00
44	CP	Ethylbenzene	50.000	54.523	-9.0	79	0.00
45		(m+p)-Xylene	100.000	112.634	-12.6	75	0.00
46		o-Xylene	50.000	50.967	-1.9	72	0.00
47		Styrene	50.000	54.462	-8.9	72	0.00
48	P	Bromoform	50.000	43.366	13.3	69	0.00
49	S	Bromofluorobenzene	50.000	47.975	4.0	71	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	70	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	54.465	-8.9	70	0.00
52		Isopropylbenzene	50.000	57.610	-15.2	76	0.00
		1,2,3-Trichloropropane	50.000	50.596	-1.2	67	0.00
		Bromobenzene	50.000	55.313	-10.6	73	0.00
55		n-Propylbenzene	50.000	59.582	-19.2	77	0.00
56		2-Chlorotoluene	50.000	57.834	-15.7	73	0.00
57		4-Chlorotoluene	50.000	56.899	-13.8	70	0.00
58		1,3,5-Trimethylbenzene	50.000	60.935	-21.9#	73	0.00
59		tert-Butylbenzene	50.000	58.806	-17.6	71	0.00
60		1,2,4-Trimethylbenzene	50.000	59.242	-18.5	72	0.00
61		sec-Butylbenzene	50.000	54.607	-9.2	72	0.00
62		1,3-Dichlorobenzene	50.000	54.835	-9.7	71	0.00
63		p-Isopropyltoluene	50.000	60.192	-20.4#	70	0.00
64		1,4-Dichlorobenzene	50.000	52.901	-5.8	70	0.00
65		n-Butylbenzene	50.000	52.597	-5.2	72	0.00
66		1,2-Dichlorobenzene	50.000	53.221	-6.4	69	0.00
67		1,2-Dibromo-3-chloropropane	50.000	44.776	10.4	58	0.00
68		1,2,4-Trichlorobenzene	50.000	53.690	-7.4	65	0.00
69		Hexachlorobutadiene	50.000	52.235	-4.5	62	0.00
70		Naphthalene	50.000	43.451	13.1	60	0.00
71		1,2,3-Trichlorobenzene	50.000	50.388	-0.8	61	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Initial Calibration -ID: 1056

ICV ID: ICV-11072

CCV #1 ID: CCV-11322

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4657.D
Acq On : 4 Oct 2007 6:27
Sample : CCV-11322
Misc : CCV ,8260S_OLM42,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:34:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	65	0.00
2		Dichlorodifluoromethane	0.277	0.214	22.7#	51	0.00
3	P	Chloromethane	0.362	0.279	22.9#	53	0.00
4	CP	Vinyl chloride	0.321	0.319	0.6	66	0.00
5		Bromomethane	0.185	0.210	-13.5	85	0.00
6		Chloroethane	0.237	0.343	-44.7#	96	0.00
7		Trichlorofluoromethane	0.523	0.809	-54.7#	101	0.00
8		Acetone	0.125	0.068	45.6#	47#	0.00
9		Acrolein	0.067	0.056	16.4	55	0.00
10	CPM	1,1-Dichloroethene	0.189	0.183	3.2	58	0.00
11		Methyl iodide	0.246	0.236	4.1	52	0.00
12		1,1,2-Trichloro-1,2,2-trifl	0.227	0.240	-5.7	63	0.00
13		Methyl acetate	0.282	0.219	22.3#	47#	0.00
14		Acrylonitrile	0.122	0.100	18.0	54	0.00
		Methylene chloride	0.331	0.272	17.8	50	0.00
16		Carbon disulfide	0.755	0.745	1.3	62	0.00
17		trans-1,2-Dichloroethene	0.236	0.241	-2.1	62	0.00
18		Methyl tert-Butyl ether	0.778	0.758	2.6	59	0.00
19	P	1,1-Dichloroethane	0.471	0.475	-0.8	61	0.00
20		Vinyl acetate	0.411	0.375	8.8	56	0.00
21		2-Butanone	0.196	0.132	32.7#	48#	0.00
22		cis-1,2-Dichloroethene	0.264	0.276	-4.5	63	0.00
23		Bromochloromethane	0.126	0.128	-1.6	63	0.00
24	CP	Chloroform	0.436	0.464	-6.4	65	0.00
25		2,2-Dichloropropane	0.374	0.388	-3.7	62	0.00
26		Cyclohexane	0.491	0.496	-1.0	61	0.00
27	S	Dibromofluoromethane	0.218	0.228	-4.6	65	0.00
28	S	1,2-Dichloroethane-d4	0.303	0.295	2.6	62	0.00
29		1,2-Dichloroethane	0.365	0.360	1.4	62	0.00
30		1,1,1-Trichloroethane	0.386	0.414	-7.3	64	0.00
31		1,1-Dichloropropene	0.335	0.362	-8.1	64	0.00
32		Carbon tetrachloride	0.291	0.297	-2.1	60	0.00
33	M	Benzene	1.010	1.138	-12.7	64	0.00
34	M	Trichloroethene	0.262	0.282	-7.6	67	0.00
35		Dibromomethane	0.155	0.155	0.0	62	0.00
36		Methylcyclohexane	0.445	0.502	-12.8	68	0.00
37	CP	1,2-Dichloropropane	0.281	0.280	0.4	62	0.00
38		Bromodichloromethane	0.318	0.324	-1.9	62	0.00
39		2-Chloroethylvinyl ether	0.028	0.020	28.6#	49#	0.00
40		4-Methyl-2-pentanone	0.364	0.309	15.1	55	0.00
		cis-1,3-Dichloropropene	0.425	0.431	-1.4	61	0.00

(#) = Out of Range

ABM 10-4-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4657.D
Acq On : 4 Oct 2007 6:27
Sample : CCV-11322
Misc : CCV ,8260S_OLM42,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:34:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	S	Toluene-d8	0.809	0.935	-15.6	66	0.00
43	CPM	Toluene	0.707	0.719	-1.7	62	0.00
44		trans-1,3-Dichloropropene	0.385	0.393	-2.1	61	0.00
45		1,1,2-Trichloroethane	0.196	0.199	-1.5	63	0.00
46		2-Hexanone	0.268	0.213	20.5#	52	0.00
47		1,2-Dibromoethane	0.223	0.217	2.7	60	0.00
48	I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.00
49		1,3-Dichloropropane	0.985	0.983	0.2	62	0.00
50		Dibromochloromethane	0.557	0.545	2.2	60	0.00
51		Tetrachloroethene	0.601	0.646	-7.5	65	0.00
52		1-Chlorohexane	0.781	0.872	-11.7	66	0.00
53		1,1,1,2-Tetrachloroethane	0.533	0.550	-3.2	63	0.00
54	PM	Chlorobenzene	1.576	1.807	-14.7	69	0.00
	CP	Ethylbenzene	2.597	3.231	-24.4#	70	0.00
56		(m+p)-Xylene	0.962	1.144	-18.9	68	0.00
57		o-Xylene	0.992	1.048	-5.6	64	0.00
58		Styrene	1.558	1.779	-14.2	64	0.00
59	P	Bromoform	0.377	0.341	9.5	54	0.00
60	S	Bromofluorobenzene	0.756	0.749	0.9	63	0.00
61	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
62		trans-1,4-Dichloro-2-butene	0.200	0.178	11.0	51	0.00
63	P	1,1,2,2-Tetrachloroethane	1.054	1.062	-0.8	60	0.00
64		Isopropylbenzene	3.211	4.112	-28.1#	68	0.00
65		1,2,3-Trichloropropane	0.950	0.890	6.3	57	0.00
66		Bromobenzene	0.918	0.976	-6.3	64	0.00
67		n-Propylbenzene	3.655	4.920	-34.6#	71	0.00
68		2-Chlorotoluene	2.641	3.060	-15.9	67	0.00
69		4-Chlorotoluene	2.269	2.611	-15.1	65	0.00
70		1,3,5-Trimethylbenzene	2.508	3.095	-23.4#	68	0.00
71		tert-Butylbenzene	2.322	2.745	-18.2	65	0.00
72		1,2,4-Trimethylbenzene	2.340	2.773	-18.5	66	0.00
73		sec-Butylbenzene	3.265	4.193	-28.4#	67	0.00
74		1,3-Dichlorobenzene	1.482	1.632	-10.1	65	0.00
75		p-Isopropyltoluene	2.617	3.223	-23.2#	66	0.00
76		1,4-Dichlorobenzene	1.521	1.602	-5.3	64	0.00
77		n-Butylbenzene	2.288	2.849	-24.5#	68	0.00
78		1,2-Dichlorobenzene	1.443	1.534	-6.3	63	0.00
79		1,2-Dibromo-3-chloropropane	0.186	0.148	20.4#	47#	0.00
		1,2,4-Trichlorobenzene	0.723	0.803	-11.1	62	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4657.D
Acq On : 4 Oct 2007 6:27
Sample : CCV-11322
Misc : CCV ,8260S_OLM42,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:34:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	Hexachlorobutadiene	0.542	0.572	-5.5	58	0.00
82	Naphthalene	1.488	1.575	-5.8	55	0.00
83	1,2,3-Trichlorobenzene	0.672	0.710	-5.7	58	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1
J4657.D J914VOCS.M Thu Oct 04 10:34:34 2007 Pa

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4657.D
Acq On : 4 Oct 2007 6:27
Sample : CCV-11322
Misc : CCV ,8260S_OLM42,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:34:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	65	0.00
2		Dichlorodifluoromethane	50.000	38.662	22.7#	51	0.00
3	P	Chloromethane	50.000	38.539	22.9#	53	0.00
4	CP	Vinyl chloride	50.000	49.600	0.8	66	0.00
5		Bromomethane	50.000	56.696	-13.4	85	0.00
6		Chloroethane	50.000	72.291	-44.6#	96	0.00
7		Trichlorofluoromethane	50.000	77.327	-54.7#	101	0.00
8		Acetone	100.000	64.072	35.9#	47	0.00
9		Acrolein	250.000	194.161	22.3#	55	0.00
10	CPM	1,1-Dichloroethene	50.000	48.404	3.2	58	0.00
11		Methyl iodide	50.000	42.416	15.2	52	0.00
12		1,1,2-Trichloro-1,2,2-trifl	50.000	52.812	-5.6	63	0.00
13		Methyl acetate	50.000	39.662	20.7#	47	0.00
14		Acrylonitrile	250.000	204.663	18.1	54	0.00
		Methylene chloride	50.000	43.485	13.0	50	0.00
16		Carbon disulfide	50.000	49.366	1.3	62	0.00
17		trans-1,2-Dichloroethene	50.000	51.059	-2.1	62	0.00
18		Methyl tert-Butyl ether	50.000	48.728	2.5	59	0.00
19	P	1,1-Dichloroethane	50.000	50.374	-0.7	61	0.00
20		Vinyl acetate	50.000	41.190	17.6	56	0.00
21		2-Butanone	100.000	67.263	32.7#	48	0.00
22		cis-1,2-Dichloroethene	50.000	52.208	-4.4	63	0.00
23		Bromochloromethane	50.000	50.919	-1.8	63	0.00
24	CP	Chloroform	50.000	53.283	-6.6	65	0.00
25		2,2-Dichloropropane	50.000	51.911	-3.8	62	0.00
26		Cyclohexane	50.000	50.505	-1.0	61	0.00
27	S	Dibromofluoromethane	50.000	52.194	-4.4	65	0.00
28	S	1,2-Dichloroethane-d4	50.000	48.769	2.5	62	0.00
29		1,2-Dichloroethane	50.000	49.380	1.2	62	0.00
30		1,1,1-Trichloroethane	50.000	53.586	-7.2	64	0.00
31		1,1-Dichloropropene	50.000	53.980	-8.0	64	0.00
32		Carbon tetrachloride	50.000	51.082	-2.2	60	0.00
33	M	Benzene	50.000	56.372	-12.7	64	0.00
34	M	Trichloroethene	50.000	53.772	-7.5	67	0.00
35		Dibromomethane	50.000	50.134	-0.3	62	0.00
36		Methylcyclohexane	50.000	56.426	-12.9	68	0.00
37	CP	1,2-Dichloropropane	50.000	49.899	0.2	62	0.00
38		Bromodichloromethane	50.000	51.009	-2.0	62	0.00
39		2-Chloroethylvinyl ether	50.000	35.351	29.3#	49	0.00
40		4-Methyl-2-pentanone	100.000	84.750	15.3	55	0.00
		cis-1,3-Dichloropropene	50.000	50.764	-1.5	61	0.00

(#) = Out of Range

ABM 10-4-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4657.D
Acq On : 4 Oct 2007 6:27
Sample : CCV-11322
Misc : CCV ,8260S_OLM42,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:34:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	S	Toluene-d8	50.000	52.363	-4.7	66	0.00
43	CPM	Toluene	50.000	50.811	-1.6	62	0.00
44		trans-1,3-Dichloropropene	50.000	51.082	-2.2	61	0.00
45		1,1,2-Trichloroethane	50.000	50.561	-1.1	63	0.00
46		2-Hexanone	100.000	79.414	20.6#	52	0.00
47		1,2-Dibromoethane	50.000	48.744	2.5	60	0.00
48	I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
49		1,3-Dichloropropane	50.000	49.925	0.2	62	0.00
50		Dibromochloromethane	50.000	44.916	10.2	60	0.00
51		Tetrachloroethene	50.000	53.776	-7.6	65	0.00
52		1-Chlorohexane	50.000	55.810	-11.6	66	0.00
53		1,1,1,2-Tetrachloroethane	50.000	51.612	-3.2	63	0.00
54	PM	Chlorobenzene	50.000	57.321	-14.6	69	0.00
	CP	Ethylbenzene	50.000	56.366	-12.7	70	0.00
56		(m+p)-Xylene	100.000	118.940	-18.9	68	0.00
57		o-Xylene	50.000	52.822	-5.6	64	0.00
58		Styrene	50.000	57.104	-14.2	64	0.00
59	P	Bromoform	50.000	40.465	19.1	54	0.00
60	S	Bromofluorobenzene	50.000	49.551	0.9	63	0.00
61	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
62		trans-1,4-Dichloro-2-butene	50.000	39.874	20.3#	51	0.00
63	P	1,1,2,2-Tetrachloroethane	50.000	50.350	-0.7	60	0.00
64		Isopropylbenzene	50.000	56.560	-13.1	68	0.00
65		1,2,3-Trichloropropane	50.000	46.859	6.3	57	0.00
66		Bromobenzene	50.000	53.211	-6.4	64	0.00
67		n-Propylbenzene	50.000	60.261	-20.5#	71	0.00
68		2-Chlorotoluene	50.000	57.922	-15.8	67	0.00
69		4-Chlorotoluene	50.000	57.546	-15.1	65	0.00
70		1,3,5-Trimethylbenzene	50.000	61.708	-23.4#	68	0.00
71		tert-Butylbenzene	50.000	59.111	-18.2	65	0.00
72		1,2,4-Trimethylbenzene	50.000	59.243	-18.5	66	0.00
73		sec-Butylbenzene	50.000	55.960	-11.9	67	0.00
74		1,3-Dichlorobenzene	50.000	55.057	-10.1	65	0.00
75		p-Isopropyltoluene	50.000	61.563	-23.1#	66	0.00
76		1,4-Dichlorobenzene	50.000	52.679	-5.4	64	0.00
77		n-Butylbenzene	50.000	54.547	-9.1	68	0.00
78		1,2-Dichlorobenzene	50.000	53.146	-6.3	63	0.00
79		1,2-Dibromo-3-chloropropane	50.000	39.693	20.6#	47	0.00
		1,2,4-Trichlorobenzene	50.000	55.475	-11.0	62	0.00

(#) = Out of Range

Data File : C:\HPCHEM\1\DATA\J4657.D
Acq On : 4 Oct 2007 6:27
Sample : CCV-11322
Misc : CCV ,8260S_OLM42,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J914VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Oct 04 10:34:22 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	Hexachlorobutadiene	50.000	52.795	-5.6	58	0.00
82	Naphthalene	50.000	43.248	13.5	55	0.00
83	1,2,3-Trichlorobenzene	50.000	52.788	-5.6	58	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11365

SEE ATTACHED

Comments:

AFCEE FORM O-5

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	112	0.00
2		Dichlorodifluoromethane	0.478	0.515	-7.7	109	0.00
3	P	Chloromethane	0.570	0.607	-6.5	112	0.02
4	CP	Vinyl chloride	0.494	0.558	-13.0	116	0.00
5		Bromomethane	0.336	0.269	19.9	95	0.00
6		Chloroethane	0.370	0.365	1.4	106	0.01
7		Trichlorofluoromethane	0.605	0.639	-5.6	107	0.01
8		Acetone	0.061	0.064	-4.9	123	0.00
9	CPM	1,1-Dichloroethene	0.195	0.185	5.1	100	0.00
10		Methylene chloride	0.341	0.258	24.3#	101	0.00
11		trans-1,2-Dichloroethene	0.245	0.242	1.2	105	0.00
12		Methyl tert-Butyl ether	0.600	0.656	-9.3	115	0.00
13	P	1,1-Dichloroethane	0.483	0.512	-6.0	112	0.00
14		2-Butanone	0.095	0.106	-11.6	122	0.00
		cis-1,2-Dichloroethene	0.270	0.275	-1.9	109	0.00
16		Bromochloromethane	0.123	0.119	3.3	109	0.00
17	CP	Chloroform	0.463	0.479	-3.5	110	0.00
18		2,2-Dichloropropane	0.362	0.436	-20.4#	125	0.00
19	S	Dibromofluoromethane	0.218	0.219	-0.5	109	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.296	-5.7	113	0.00
21		1,2-Dichloroethane	0.334	0.358	-7.2	115	0.00
22		1,1,1-Trichloroethane	0.397	0.431	-8.6	112	0.00
23		1,1-Dichloropropene	0.355	0.377	-6.2	109	0.00
24		Carbon tetrachloride	0.295	0.337	-14.2	119	0.00
25	M	Benzene	1.085	1.146	-5.6	107	0.00
26	M	Trichloroethene	0.281	0.287	-2.1	109	0.00
27		Dibromomethane	0.141	0.142	-0.7	111	0.00
28	CP	1,2-Dichloropropane	0.283	0.294	-3.9	113	0.00
29		Bromodichloromethane	0.316	0.341	-7.9	112	0.00
30		4-Methyl-2-pentanone	0.212	0.234	-10.4	122	0.00
31		cis-1,3-Dichloropropene	0.389	0.438	-12.6	116	0.00
32	S	Toluene-d8	0.923	0.999	-8.2	109	0.00
33	CPM	Toluene	0.705	0.775	-9.9	111	0.00
34		trans-1,3-Dichloropropene	0.315	0.368	-16.8	120	0.00
35		1,1,2-Trichloroethane	0.172	0.174	-1.2	109	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
37		1,2-Dibromoethane	0.398	0.390	2.0	108	0.00
38		1,3-Dichloropropane	0.801	0.817	-2.0	111	0.00
39		Dibromochloromethane	0.433	0.438	-1.2	110	0.00
40		Tetrachloroethene	0.581	0.555	4.5	106	0.00

(#) = Out of Range
T0658.D T925AF31.M Sat Oct 06 08:21:09 2007 MS1 Pa

10/10/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.817	-10.6	108	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.496	-5.8	118	0.00
43	PM	Chlorobenzene	1.661	1.686	-1.5	108	0.00
44	CP	Ethylbenzene	2.990	3.271	-9.4	112	0.00
45		(m+p)-Xylene	1.003	1.041	-3.8	106	0.00
46		o-Xylene	0.961	1.000	-4.1	106	0.00
47		Styrene	1.479	1.574	-6.4	103	0.00
48	P	Bromoform	0.235	0.239	-1.7	111	0.00
49	S	Bromofluorobenzene	0.742	0.772	-4.0	113	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	1.029	-11.5	110	0.00
52		Isopropylbenzene	4.246	5.103	-20.2#	107	0.00
53		1,2,3-Trichloropropane	0.758	0.812	-7.1	105	0.00
		Bromobenzene	1.072	1.158	-8.0	104	0.00
55		n-Propylbenzene	4.590	5.454	-18.8	104	0.00
56		2-Chlorotoluene	3.323	3.830	-15.3	106	0.00
57		4-Chlorotoluene	2.710	3.134	-15.6	105	0.00
58		1,3,5-Trimethylbenzene	2.884	3.387	-17.4	102	0.00
59		tert-Butylbenzene	2.644	3.016	-14.1	103	0.00
60		1,2,4-Trimethylbenzene	2.592	3.099	-19.6	103	0.00
61		sec-Butylbenzene	3.754	4.508	-20.1#	102	0.00
62		1,3-Dichlorobenzene	1.638	1.759	-7.4	100	0.00
63		p-Isopropyltoluene	2.778	3.331	-19.9	101	0.00
64		1,4-Dichlorobenzene	1.591	1.637	-2.9	97	0.00
65		n-Butylbenzene	2.288	2.961	-29.4#	103	0.00
66		1,2-Dichlorobenzene	1.519	1.654	-8.9	100	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.145	-23.9#	111	0.00
68		1,2,4-Trichlorobenzene	0.580	0.790	-36.2#	104	0.00
69		Hexachlorobutadiene	0.456	0.524	-14.9	100	0.00
70		Naphthalene	1.021	1.475	-44.5#	107	0.00
71		1,2,3-Trichlorobenzene	0.569	0.776	-36.4#	101	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	112	0.00
2		Dichlorodifluoromethane	10.000	10.774	-7.7	109	0.00
3	P	Chloromethane	10.000	10.642	-6.4	112	0.02
4	CP	Vinyl chloride	10.000	11.301	-13.0	116	0.00
5		Bromomethane	10.000	7.993	20.1#	95	0.00
6		Chloroethane	10.000	9.858	1.4	106	0.01
7		Trichlorofluoromethane	10.000	10.565	-5.6	107	0.01
8		Acetone	20.000	20.879	-4.4	123	0.00
9	CPM	1,1-Dichloroethene	10.000	9.493	5.1	100	0.00
10		Methylene chloride	10.000	9.269	7.3	101	0.00
11		trans-1,2-Dichloroethene	10.000	9.900	1.0	105	0.00
12		Methyl tert-Butyl ether	10.000	10.941	-9.4	115	0.00
13	P	1,1-Dichloroethane	10.000	10.600	-6.0	112	0.00
14		2-Butanone	20.000	22.193	-11.0	122	0.00
		cis-1,2-Dichloroethene	10.000	10.182	-1.8	109	0.00
16		Bromochloromethane	10.000	9.637	3.6	109	0.00
17	CP	Chloroform	10.000	10.363	-3.6	110	0.00
18		2,2-Dichloropropane	10.000	10.856	-8.6	125	0.00
19	S	Dibromofluoromethane	10.000	10.066	-0.7	109	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.564	-5.6	113	0.00
21		1,2-Dichloroethane	10.000	10.722	-7.2	115	0.00
22		1,1,1-Trichloroethane	10.000	10.856	-8.6	112	0.00
23		1,1-Dichloropropene	10.000	10.640	-6.4	109	0.00
24		Carbon tetrachloride	10.000	10.279	-2.8	119	0.00
25	M	Benzene	10.000	10.567	-5.7	107	0.00
26	M	Trichloroethene	10.000	10.213	-2.1	109	0.00
27		Dibromomethane	10.000	10.106	-1.1	111	0.00
28	CP	1,2-Dichloropropane	10.000	10.392	-3.9	113	0.00
29		Bromodichloromethane	10.000	10.794	-7.9	112	0.00
30		4-Methyl-2-pentanone	20.000	22.070	-10.4	122	0.00
31		cis-1,3-Dichloropropene	10.000	11.249	-12.5	116	0.00
32	S	Toluene-d8	10.000	10.831	-8.3	109	0.00
33	CPM	Toluene	10.000	10.987	-9.9	111	0.00
34		trans-1,3-Dichloropropene	10.000	10.144	-1.4	120	0.00
35		1,1,2-Trichloroethane	10.000	10.074	-0.7	109	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	114	0.00
37		1,2-Dibromoethane	10.000	9.798	2.0	108	0.00
38		1,3-Dichloropropane	10.000	10.207	-2.1	111	0.00
39		Dibromochloromethane	10.000	10.110	-1.1	110	0.00
40		Tetrachloroethene	10.000	9.544	4.6	106	0.00

(#) = Out of Range

10/6/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0658.D
Acq On : 3 Oct 2007 8:37
Sample : CCV-11365
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Oct 05 08:24:12 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.790	2.1	108	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.573	-5.7	118	0.00
43	PM	Chlorobenzene	10.000	10.153	-1.5	108	0.00
44	CP	Ethylbenzene	10.000	10.940	-9.4	112	0.00
45		(m+p)-Xylene	20.000	20.766	-3.8	106	0.00
46		o-Xylene	10.000	10.402	-4.0	106	0.00
47		Styrene	10.000	9.249	7.5	103	0.00
48	P	Bromoform	10.000	8.998	10.0	111	0.00
49	S	Bromofluorobenzene	10.000	10.410	-4.1	113	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	98	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.153	-11.5	110	0.00
52		Isopropylbenzene	10.000	12.018	-20.2#	107	0.00
53		1,2,3-Trichloropropane	10.000	10.716	-7.2	105	0.00
		Bromobenzene	10.000	10.798	-8.0	104	0.00
		n-Propylbenzene	10.000	11.882	-18.8	104	0.00
56		2-Chlorotoluene	10.000	11.526	-15.3	106	0.00
57		4-Chlorotoluene	10.000	11.563	-15.6	105	0.00
58		1,3,5-Trimethylbenzene	10.000	11.745	-17.4	102	0.00
59		tert-Butylbenzene	10.000	11.404	-14.0	103	0.00
60		1,2,4-Trimethylbenzene	10.000	11.955	-19.6	103	0.00
61		sec-Butylbenzene	10.000	12.009	-20.1#	102	0.00
62		1,3-Dichlorobenzene	10.000	10.742	-7.4	100	0.00
63		p-Isopropyltoluene	10.000	11.990	-19.9	101	0.00
64		1,4-Dichlorobenzene	10.000	10.290	-2.9	97	0.00
65		n-Butylbenzene	10.000	11.704	-17.0	103	0.00
66		1,2-Dichlorobenzene	10.000	10.889	-8.9	100	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.636	-6.4	111	0.00
68		1,2,4-Trichlorobenzene	10.000	9.914	0.9	104	0.00
69		Hexachlorobutadiene	10.000	9.968	0.3	100	0.00
70		Naphthalene	10.000	10.316	-3.2	107	0.00
71		1,2,3-Trichlorobenzene	10.000	9.874	1.3	101	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Initial Calibration -ID: 1060

ICV ID: ICV-11177

CCV #1 ID: CCV-11383

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	105	0.00
2		Dichlorodifluoromethane	0.478	0.538	-12.6	107	0.00
3	P	Chloromethane	0.570	0.645	-13.2	112	-0.02
4	CP	Vinyl chloride	0.494	0.571	-15.6	112	0.00
5		Bromomethane	0.336	0.303	9.8	101	0.00
6		Chloroethane	0.370	0.396	-7.0	108	-0.01
7		Trichlorofluoromethane	0.605	0.678	-12.1	107	-0.01
8		Acetone	0.061	0.065	-6.6	117	0.00
9	CPM	1,1-Dichloroethene	0.195	0.184	5.6	93	0.00
10		Methylene chloride	0.341	0.265	22.3#	97	0.00
11		trans-1,2-Dichloroethene	0.245	0.243	0.8	99	0.00
12		Methyl tert-Butyl ether	0.600	0.645	-7.5	106	0.00
13	P	1,1-Dichloroethane	0.483	0.523	-8.3	108	0.00
14		2-Butanone	0.095	0.104	-9.5	113	0.00
		cis-1,2-Dichloroethene	0.270	0.272	-0.7	101	0.00
16		Bromochloromethane	0.123	0.119	3.3	102	0.00
17	CP	Chloroform	0.463	0.498	-7.6	108	0.00
18		2,2-Dichloropropane	0.362	0.424	-17.1	115	0.00
19	S	Dibromofluoromethane	0.218	0.221	-1.4	103	0.00
20	S	1,2-Dichloroethane-d4	0.280	0.308	-10.0	110	0.00
21		1,2-Dichloroethane	0.334	0.371	-11.1	112	0.00
22		1,1,1-Trichloroethane	0.397	0.442	-11.3	108	0.00
23		1,1-Dichloropropene	0.355	0.387	-9.0	105	0.00
24		Carbon tetrachloride	0.295	0.332	-12.5	111	0.00
25	M	Benzene	1.085	1.181	-8.8	103	0.00
26	M	Trichloroethene	0.281	0.295	-5.0	105	0.00
27		Dibromomethane	0.141	0.147	-4.3	108	0.00
28	CP	1,2-Dichloropropane	0.283	0.303	-7.1	109	0.00
29		Bromodichloromethane	0.316	0.348	-10.1	108	0.00
30		4-Methyl-2-pentanone	0.212	0.231	-9.0	113	0.00
31		cis-1,3-Dichloropropene	0.389	0.436	-12.1	109	0.00
32	S	Toluene-d8	0.923	1.016	-10.1	104	0.00
33	CPM	Toluene	0.705	0.775	-9.9	104	0.00
34		trans-1,3-Dichloropropene	0.315	0.376	-19.4	115	0.00
35		1,1,2-Trichloroethane	0.172	0.179	-4.1	105	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
37		1,2-Dibromoethane	0.398	0.384	3.5	103	0.00
38		1,3-Dichloropropane	0.801	0.817	-2.0	107	0.00
39		Dibromochloromethane	0.433	0.431	0.5	104	0.00
		Tetrachloroethene	0.581	0.540	7.1	99	0.00

(#) = Out of Range

10/8/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.739	0.833	-12.7	106	0.00
42		1,1,1,2-Tetrachloroethane	0.469	0.483	-3.0	110	0.00
43	PM	Chlorobenzene	1.661	1.655	0.4	102	0.00
44	CP	Ethylbenzene	2.990	3.198	-7.0	105	0.00
45		(m+p)-Xylene	1.003	1.001	0.2	97	0.00
46		o-Xylene	0.961	0.967	-0.6	99	0.00
47		Styrene	1.479	1.543	-4.3	97	0.00
48	P	Bromoform	0.235	0.229	2.6	102	0.00
49	S	Bromofluorobenzene	0.742	0.742	0.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	0.923	1.046	-13.3	105	0.00
52		Isopropylbenzene	4.246	5.127	-20.7#	101	0.00
53		1,2,3-Trichloropropane	0.758	0.817	-7.8	100	0.00
		Bromobenzene	1.072	1.144	-6.7	97	0.00
55		n-Propylbenzene	4.590	5.632	-22.7#	101	0.00
56		2-Chlorotoluene	3.323	3.902	-17.4	101	0.00
57		4-Chlorotoluene	2.710	3.171	-17.0	100	0.00
58		1,3,5-Trimethylbenzene	2.884	3.433	-19.0	97	0.00
59		tert-Butylbenzene	2.644	3.034	-14.8	98	0.00
60		1,2,4-Trimethylbenzene	2.592	3.129	-20.7#	98	0.00
61		sec-Butylbenzene	3.754	4.662	-24.2#	99	0.00
62		1,3-Dichlorobenzene	1.638	1.788	-9.2	95	0.00
63		p-Isopropyltoluene	2.778	3.389	-22.0#	97	0.00
64		1,4-Dichlorobenzene	1.591	1.669	-4.9	93	0.00
65		n-Butylbenzene	2.288	3.005	-31.3#	98	0.00
66		1,2-Dichlorobenzene	1.519	1.651	-8.7	94	0.00
67		1,2-Dibromo-3-chloropropane	0.117	0.141	-20.5#	101	0.00
68		1,2,4-Trichlorobenzene	0.580	0.777	-34.0#	97	0.00
69		Hexachlorobutadiene	0.456	0.515	-12.9	92	0.00
70		Naphthalene	1.021	1.434	-40.5#	98	0.00
71		1,2,3-Trichlorobenzene	0.569	0.780	-37.1#	96	0.00

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	105	0.00
2		Dichlorodifluoromethane	10.000	11.247	-12.5	107	0.00
3	P	Chloromethane	10.000	11.310	-13.1	112	-0.02
4	CP	Vinyl chloride	10.000	11.564	-15.6	112	0.00
5		Bromomethane	10.000	9.020	9.8	101	0.00
6		Chloroethane	10.000	10.694	-6.9	108	-0.01
7		Trichlorofluoromethane	10.000	11.195	-12.0	107	-0.01
8		Acetone	20.000	21.126	-5.6	117	0.00
9	CPM	1,1-Dichloroethene	10.000	9.446	5.5	93	0.00
10		Methylene chloride	10.000	9.514	4.9	97	0.00
11		trans-1,2-Dichloroethene	10.000	9.927	0.7	99	0.00
12		Methyl tert-Butyl ether	10.000	10.764	-7.6	106	0.00
13	P	1,1-Dichloroethane	10.000	10.833	-8.3	108	0.00
14		2-Butanone	20.000	21.912	-9.6	113	0.00
		cis-1,2-Dichloroethene	10.000	10.054	-0.5	101	0.00
16		Bromochloromethane	10.000	9.642	3.6	102	0.00
17	CP	Chloroform	10.000	10.755	-7.6	108	0.00
18		2,2-Dichloropropane	10.000	10.576	-5.8	115	0.00
19	S	Dibromofluoromethane	10.000	10.125	-1.3	103	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.991	-9.9	110	0.00
21		1,2-Dichloroethane	10.000	11.107	-11.1	112	0.00
22		1,1,1-Trichloroethane	10.000	11.131	-11.3	108	0.00
23		1,1-Dichloropropene	10.000	10.926	-9.3	105	0.00
24		Carbon tetrachloride	10.000	10.148	-1.5	111	0.00
25	M	Benzene	10.000	10.891	-8.9	103	0.00
26	M	Trichloroethene	10.000	10.477	-4.8	105	0.00
27		Dibromomethane	10.000	10.442	-4.4	108	0.00
28	CP	1,2-Dichloropropane	10.000	10.701	-7.0	109	0.00
29		Bromodichloromethane	10.000	11.030	-10.3	108	0.00
30		4-Methyl-2-pentanone	20.000	21.752	-8.8	113	0.00
31		cis-1,3-Dichloropropene	10.000	11.193	-11.9	109	0.00
32	S	Toluene-d8	10.000	11.008	-10.1	104	0.00
33	CPM	Toluene	10.000	10.984	-9.8	104	0.00
34		trans-1,3-Dichloropropene	10.000	10.352	-3.5	115	0.00
35		1,1,2-Trichloroethane	10.000	10.399	-4.0	105	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	109	0.00
37		1,2-Dibromoethane	10.000	9.668	3.3	103	0.00
38		1,3-Dichloropropane	10.000	10.204	-2.0	107	0.00
39		Dibromochloromethane	10.000	9.963	0.4	104	0.00
40		Tetrachloroethene	10.000	9.289	7.1	99	0.00

(#) = Out of Range

10/8/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T0613.D
Acq On : 1 Oct 2007 13:42
Sample : CCV-11383
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T925AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Oct 08 07:12:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.971	0.3	106	0.00
42		1,1,1,2-Tetrachloroethane	10.000	10.286	-2.9	110	0.00
43	PM	Chlorobenzene	10.000	9.966	0.3	102	0.00
44	CP	Ethylbenzene	10.000	10.697	-7.0	105	0.00
45		(m+p)-Xylene	20.000	19.953	0.2	97	0.00
46		o-Xylene	10.000	10.063	-0.6	99	0.00
47		Styrene	10.000	9.070	9.3	97	0.00
48	P	Bromoform	10.000	8.633	13.7	102	0.00
49	S	Bromofluorobenzene	10.000	10.000	0.0	104	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	92	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.337	-13.4	105	0.00
52		Isopropylbenzene	10.000	12.074	-20.7#	101	0.00
53		1,2,3-Trichloropropane	10.000	10.783	-7.8	100	0.00
		Bromobenzene	10.000	10.664	-6.6	97	0.00
[illegible]		n-Propylbenzene	10.000	12.270	-22.7#	101	0.00
56		2-Chlorotoluene	10.000	11.744	-17.4	101	0.00
57		4-Chlorotoluene	10.000	11.701	-17.0	100	0.00
58		1,3,5-Trimethylbenzene	10.000	11.905	-19.0	97	0.00
59		tert-Butylbenzene	10.000	11.475	-14.7	98	0.00
60		1,2,4-Trimethylbenzene	10.000	12.071	-20.7#	98	0.00
61		sec-Butylbenzene	10.000	12.419	-24.2#	99	0.00
62		1,3-Dichlorobenzene	10.000	10.916	-9.2	95	0.00
63		p-Isopropyltoluene	10.000	12.200	-22.0#	97	0.00
64		1,4-Dichlorobenzene	10.000	10.492	-4.9	93	0.00
65		n-Butylbenzene	10.000	11.883	-18.8	98	0.00
66		1,2-Dichlorobenzene	10.000	10.865	-8.7	94	0.00
67		1,2-Dibromo-3-chloropropane	10.000	10.370	-3.7	101	0.00
68		1,2,4-Trichlorobenzene	10.000	9.769	2.3	97	0.00
69		Hexachlorobutadiene	10.000	9.803	2.0	92	0.00
70		Naphthalene	10.000	10.041	-0.4	98	0.00
71		1,2,3-Trichlorobenzene	10.000	9.919	0.8	96	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5970 GCMS#2

Initial Calibration -ID: 1078

ICV ID: ICV-11406

CCV #1 ID: CCV-11407

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D
Acq On : 9 Oct 2007 18:26
Sample : CCV-11407
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 12
Operator: MSV
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	98	0.00
2		Dichlorodifluoromethane	0.838	0.967	-15.4	102	0.00
3	P	Chloromethane	0.306	0.368	-20.3#	122	-0.09
4	CP	Vinyl chloride	0.244	0.273	-11.9	95	0.00
5		Bromomethane	0.248	0.296	-19.4	111	-0.02
6		Chloroethane	0.159	0.193	-21.4#	110	-0.02
7		Trichlorofluoromethane	0.794	0.949	-19.5	105	0.00
8		Acetone	0.036	0.036#	0.0	95	0.01
9	CPM	1,1-Dichloroethene	0.256	0.293	-14.5	104	-0.02
10		Methylene chloride	0.322	0.325	-0.9	98	-0.03
11		trans-1,2-Dichloroethene	0.328	0.359	-9.5	100	-0.02
12		Methyl tert-Butyl ether	0.453	0.483	-6.6	100	0.01
13	P	1,1-Dichloroethane	0.725	0.788	-8.7	99	0.00
14		2-Butanone	0.064	0.070	-9.4	106	0.00
15		cis-1,2-Dichloroethene	0.356	0.394	-10.7	102	0.00
16		Bromochloromethane	0.183	0.203	-10.9	103	-0.02
17	CP	Chloroform	0.838	0.915	-9.2	100	0.00
18		2,2-Dichloropropane	0.519	0.602	-16.0	104	-0.02
19	S	Dibromofluoromethane	0.704	0.785	-11.5	102	-0.02
20	S	1,2-Dichloroethane-d4	0.337	0.351	-4.2	99	-0.02
21		1,2-Dichloroethane	0.391	0.412	-5.4	101	-0.02
22		1,1,1-Trichloroethane	0.661	0.772	-16.8	102	-0.02
23		1,1-Dichloropropene	0.517	0.594	-14.9	103	0.00
24		Carbon tetrachloride	0.625	0.765	-22.4#	105	0.00
25	M	Benzene	0.909	0.987	-8.6	100	0.00
26	M	Trichloroethene	0.470	0.520	-10.6	99	0.00
27		Dibromomethane	0.329	0.360	-9.4	101	0.00
28	CP	1,2-Dichloropropane	0.373	0.404	-8.3	99	0.00
29		Bromodichloromethane	0.793	0.980	-23.6#	104	0.00
30		4-Methyl-2-pentanone	0.208	0.227	-9.1	100	-0.02
31		cis-1,3-Dichloropropene	0.418	0.529	-26.6#	111	0.00
32	S	Toluene-d8	0.845	0.965	-14.2	102	0.00
33	CPM	Toluene	0.551	0.633	-14.9	103	0.01
34		trans-1,3-Dichloropropene	0.293	0.376	-28.3#	114	0.00
35		1,1,2-Trichloroethane	0.238	0.264	-10.9	100	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.02
37		1,2-Dibromoethane	0.631	0.663	-5.1	105	-0.02
38		1,3-Dichloropropane	0.678	0.685	-1.0	103	-0.03
39		Dibromochloromethane	0.850	0.998	-17.4	106	-0.02
40		Tetrachloroethene	0.814	0.878	-7.9	105	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D
Acq On : 9 Oct 2007 18:26
Sample : CCV-11407
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 12
Operator: MSV
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.595	0.659	-10.8	108	-0.03
42		1,1,1,2-Tetrachloroethane	0.646	0.725	-12.2	107	-0.03
43	PM	Chlorobenzene	1.193	1.229	-3.0	104	-0.03
44	CP	Ethylbenzene	1.776	1.914	-7.8	105	-0.02
45		(m+p)-Xylene	0.648	0.678	-4.6	103	-0.02
46		o-Xylene	0.662	0.710	-7.3	103	0.00
47		Styrene	0.985	1.069	-8.5	101	-0.02
48	P	Bromoform	0.437	0.518	-18.5	107	-0.02
49	S	Bromofluorobenzene	1.217	1.204	1.1	104	0.01
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
51	P	1,1,2,2-Tetrachloroethane	0.981	1.062	-8.3	107	-0.02
52		Isopropylbenzene	2.673	2.840	-6.2	98	-0.02
53		1,2,3-Trichloropropane	0.532	0.515	3.2	100	0.00
54		Bromobenzene	0.942	1.005	-6.7	102	0.01
55		n-Propylbenzene	3.544	4.084	-15.2	108	0.01
56		2-Chlorotoluene	2.844	3.000	-5.5	105	0.01
57		4-Chlorotoluene	2.717	2.859	-5.2	101	0.01
58		1,3,5-Trimethylbenzene	2.099	2.301	-9.6	102	0.01
59		tert-Butylbenzene	2.137	2.378	-11.3	104	0.01
60		1,2,4-Trimethylbenzene	1.925	2.116	-9.9	102	0.01
61		sec-Butylbenzene	3.047	3.409	-11.9	103	0.00
62		1,3-Dichlorobenzene	1.666	1.784	-7.1	105	0.01
63		p-Isopropyltoluene	2.173	2.448	-12.7	103	0.01
64		1,4-Dichlorobenzene	1.483	1.580	-6.5	105	0.01
65		n-Butylbenzene	2.084	2.272	-9.0	101	0.01
66		1,2-Dichlorobenzene	1.446	1.573	-8.8	104	0.01
67		1,2-Dibromo-3-chloropropane	0.186	0.209	-12.4	103	0.00
68		1,2,4-Trichlorobenzene	1.012	1.049	-3.7	106	0.00
69		Hexachlorobutadiene	0.815	0.889	-9.1	103	0.01
70		Naphthalene	0.931	0.897	3.7	105	0.00
71		1,2,3-Trichlorobenzene	0.800	0.803	-0.4	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D
Acq On : 9 Oct 2007 18:26
Sample : CCV-11407
Misc : CCV ,8260SMAF_CAL,
MS Integration Params: RTEINT.P

Vial: 12
Operator: MSV
Inst : #2MS12
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	98	0.00
2		Dichlorodifluoromethane	10.000	11.540	-15.4	102	0.00
3	P	Chloromethane	10.000	12.025	-20.3#	122	-0.09
4	CP	Vinyl chloride	10.000	10.256	-2.6	95	0.00
5		Bromomethane	10.000	10.383	-3.8	111	-0.02
6		Chloroethane	10.000	12.123	-21.2#	110	-0.02
7		Trichlorofluoromethane	10.000	11.948	-19.5	105	0.00
8		Acetone	20.000	19.910	0.4	95	0.01
9	CPM	1,1-Dichloroethene	10.000	11.475	-14.8	104	-0.02
10		Methylene chloride	10.000	10.090	-0.9	98	-0.03
11		trans-1,2-Dichloroethene	10.000	10.927	-9.3	100	-0.02
12		Methyl tert-Butyl ether	10.000	10.656	-6.6	100	0.01
13	P	1,1-Dichloroethane	10.000	10.858	-8.6	99	0.00
14		2-Butanone	20.000	21.895	-9.5	106	0.00
15		cis-1,2-Dichloroethene	10.000	11.068	-10.7	102	0.00
16		Bromochloromethane	10.000	11.089	-10.9	103	-0.02
17	CP	Chloroform	10.000	10.915	-9.1	100	0.00
18		2,2-Dichloropropane	10.000	10.394	-3.9	104	-0.02
19	S	Dibromofluoromethane	10.000	11.142	-11.4	102	-0.02
20	S	1,2-Dichloroethane-d4	10.000	10.420	-4.2	99	-0.02
21		1,2-Dichloroethane	10.000	10.528	-5.3	101	-0.02
22		1,1,1-Trichloroethane	10.000	10.472	-4.7	102	-0.02
23		1,1-Dichloropropene	10.000	11.490	-14.9	103	0.00
24		Carbon tetrachloride	10.000	10.684	-6.8	105	0.00
25	M	Benzene	10.000	10.854	-8.5	100	0.00
26	M	Trichloroethene	10.000	11.048	-10.5	99	0.00
27		Dibromomethane	10.000	10.925	-9.3	101	0.00
28	CP	1,2-Dichloropropane	10.000	10.815	-8.1	99	0.00
29		Bromodichloromethane	10.000	10.704	-7.0	104	0.00
30		4-Methyl-2-pentanone	20.000	21.821	-9.1	100	-0.02
31		cis-1,3-Dichloropropene	10.000	10.605	-6.1	111	0.00
32	S	Toluene-d8	10.000	11.415	-14.1	102	0.00
33	CPM	Toluene	10.000	11.485	-14.8	103	0.01
34		trans-1,3-Dichloropropene	10.000	10.475	-4.7	114	0.00
35		1,1,2-Trichloroethane	10.000	11.063	-10.6	100	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	106	-0.02
37		1,2-Dibromoethane	10.000	10.520	-5.2	105	-0.02
38		1,3-Dichloropropane	10.000	10.106	-1.1	103	-0.03
39		Dibromochloromethane	10.000	9.888	1.1	106	-0.02
40		Tetrachloroethene	10.000	10.783	-7.8	105	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\M2785.D Vial: 12
Acq On : 9 Oct 2007 18:26 Operator: MSV
Sample : CCV-11407 Inst : #2MS12
Misc : CCV ,8260SMAF_CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\MO09AF31.M (RTE Integrator)
Title : VOC's w/Restek RTX-502.2, 0.53mm x 105m, 3.0 df
Last Update : Wed Oct 10 07:03:02 2007
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.082	-10.8	108	-0.03
42		1,1,1,2-Tetrachloroethane	10.000	11.214	-12.1	107	-0.03
43	PM	Chlorobenzene	10.000	10.309	-3.1	104	-0.03
44	CP	Ethylbenzene	10.000	10.780	-7.8	105	-0.02
45		(m+p)-Xylene	20.000	20.919	-4.6	103	-0.02
46		o-Xylene	10.000	10.713	-7.1	103	0.00
47		Styrene	10.000	10.855	-8.6	101	-0.02
48	P	Bromoform	10.000	9.609	3.9	107	-0.02
49	S	Bromofluorobenzene	10.000	9.894	1.1	104	0.01
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	101	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	10.830	-8.3	107	-0.02
52		Isopropylbenzene	10.000	10.626	-6.3	98	-0.02
53		1,2,3-Trichloropropane	10.000	9.687	3.1	100	0.00
54		Bromobenzene	10.000	10.672	-6.7	102	0.01
55		n-Propylbenzene	10.000	11.523	-15.2	108	0.01
56		2-Chlorotoluene	10.000	10.548	-5.5	105	0.01
57		4-Chlorotoluene	10.000	10.523	-5.2	101	0.01
58		1,3,5-Trimethylbenzene	10.000	10.964	-9.6	102	0.01
59		tert-Butylbenzene	10.000	11.128	-11.3	104	0.01
60		1,2,4-Trimethylbenzene	10.000	10.994	-9.9	102	0.01
61		sec-Butylbenzene	10.000	11.189	-11.9	103	0.00
62		1,3-Dichlorobenzene	10.000	10.708	-7.1	105	0.01
63		p-Isopropyltoluene	10.000	10.152	-1.5	103	0.01
64		1,4-Dichlorobenzene	10.000	10.655	-6.5	105	0.01
65		n-Butylbenzene	10.000	10.903	-9.0	101	0.01
66		1,2-Dichlorobenzene	10.000	10.882	-8.8	104	0.01
67		1,2-Dibromo-3-chloropropane	10.000	9.221	7.8	103	0.00
68		1,2,4-Trichlorobenzene	10.000	10.364	-3.6	106	0.00
69		Hexachlorobutadiene	10.000	10.911	-9.1	103	0.01
70		Naphthalene	10.000	9.640	3.6	105	0.00
71		1,2,3-Trichlorobenzene	10.000	10.039	-0.4	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
M2785.D MO09AF31.M Wed Oct 10 09:18:06 2007 Pa

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11301
Initial Calibration ID:	1056	**File ID:**	J4641.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00442	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.000990	0.0100	F
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11301
Initial Calibration ID:	1056	**File ID:**	J4641.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00164	0.00500	F
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	99	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11301
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11301
Initial Calibration ID:	1056	**File ID:**	J4641.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1335547	1061351 - 4245404	
Chlorobenzene-d5	1981408	1422324 - 5689294	
Fluorobenzene	4804025	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11322
Initial Calibration ID:	1056	**File ID:**	J4661.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00414	0.0500	F
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11322
Initial Calibration ID:	1056	**File ID:**	J4661.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.00060	0.00500	U
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00021	0.00500	U
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.000630	0.00500	F
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	98	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11322
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11322
Initial Calibration ID:	1056	**File ID:**	J4661.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1235011	1061351 - 4245404	
Chlorobenzene-d5	1871478	1422324 - 5689294	
Fluorobenzene	4581676	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11365
Initial Calibration ID:	1060	**File ID:**	T0662.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11365
Initial Calibration ID:	1060	**File ID:**	T0662.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	97	84 - 118	
Dibromofluoromethane	98	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11365
Initial Calibration ID:	1060	**File ID:**	T0662.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	590155	443553 - 1774212	
Chlorobenzene-d5	1347880	698816 - 2795262	
Fluorobenzene	3053854	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11383
Initial Calibration ID:	1060	**File ID:**	T0617.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11383
Initial Calibration ID:	1060	**File ID:**	T0617.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	113	52 - 149	
4-Bromofluorobenzene	90	84 - 118	
Dibromofluoromethane	103	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11383
Initial Calibration ID:	1060	**File ID:**	T0617.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	546555	443553 - 1774212	
Chlorobenzene-d5	1334322	698816 - 2795262	
Fluorobenzene	3055076	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11407
Initial Calibration ID:	1078	**File ID:**	M2789.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11407
Initial Calibration ID:	1078	**File ID:**	M2789.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	52 - 149	
4-Bromofluorobenzene	105	84 - 118	
Dibromofluoromethane	102	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11407
Initial Calibration ID:	1078	**File ID:**	M2789.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2442366	1123200 - 4492802	
Chlorobenzene-d5	3374851	1595982 - 6383930	
Fluorobenzene	5755263	2658960 - 10635838	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6271
Initial Calibration ID:	1060	**File ID:**	T0621.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0130	0.500	U
1,1,1,2-Tetrachloroethane	0.0160	0.300	U
1,1,1-Trichloroethane	0.0140	0.500	U
1,1,2,2-Tetrachloroethane	0.0140	0.300	U
1,1,2-Trichloroethane	0.0250	0.500	U
1,1-Dichloroethane	0.00800	0.500	U
1,1-Dichloroethene	0.0150	0.600	U
1,1-Dichloropropene	0.0190	0.500	U
1,2,3-Trichlorobenzene	0.0410	0.500	U
1,2,3-Trichloropropane	0.0230	0.500	U
1,2,4-Trichlorobenzene	0.0330	0.500	U
1,2,4-Trimethylbenzene	0.00600	0.600	U
1,2-Dibromo-3-chloropropane	0.0310	1.00	U
1,2-Dibromoethane	0.00800	0.500	U
1,2-Dichlorobenzene	0.00600	0.500	U
1,2-Dichloroethane	0.0110	0.300	U
1,2-Dichloropropane	0.0220	0.500	U
1,3,5-Trimethylbenzene	0.00800	0.500	U
1,3-Dichlorobenzene	0.0110	0.600	U
1,3-Dichloropropane	0.00900	0.250	U
1,4-Dichlorobenzene	0.00600	0.250	U
1-Chlorohexane	0.0160	0.500	U
2,2-Dichloropropane	0.0130	0.500	U
2-Butanone	0.0420	2.00	U
2-Chlorotoluene	0.00400	0.500	U
4-Chlorotoluene	0.00700	0.500	U
4-Methyl-2-pentanone	0.0320	2.00	U
Acetone	0.0300	5.00	U
Benzene	0.00500	0.250	U
Bromobenzene	0.0150	0.500	U
Bromochloromethane	0.0200	0.500	U
Bromodichloromethane	0.00600	0.250	U
Bromoform	0.0170	0.600	U
Bromomethane	0.0130	1.00	U
Carbon tetrachloride	0.0120	0.500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6271
Initial Calibration ID:	1060	**File ID:**	T0621.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00700	0.250	U
Chloroethane	0.0250	0.500	U
Chloroform	0.00700	0.250	U
Chloromethane	0.0310	0.500	U
cis-1,2-Dichloroethene	0.0160	0.500	U
cis-1,3-Dichloropropene	0.00900	0.300	U
Dibromochloromethane	0.00700	0.300	U
Dibromomethane	0.0120	0.500	U
Dichlorodifluoromethane	0.00800	0.500	U
Ethylbenzene	0.0130	0.500	U
Hexachlorobutadiene	0.0380	0.300	U
Isopropylbenzene	0.00500	0.500	U
Methyl tert-butyl ether	0.0130	2.00	U
Methylene chloride	0.0600	0.500	U
n-Butylbenzene	0.0130	0.500	U
n-Propylbenzene	0.00300	0.500	U
Naphthalene	0.0210	0.500	U
o-Xylene	0.0170	0.500	U
p-Isopropyltoluene	0.0170	0.600	U
sec-Butylbenzene	0.00500	0.500	U
Styrene	0.0120	0.500	U
tert-Butylbenzene	0.00800	0.500	U
Tetrachloroethene	0.0110	0.500	U
Toluene	0.00500	0.500	U
trans-1,2-Dichloroethene	0.0120	0.500	U
trans-1,3-Dichloropropene	0.0150	0.500	U
Trichloroethene	0.0120	0.500	U
Trichlorofluoromethane	0.00800	0.500	U
Vinyl chloride	0.0130	0.500	U
Xylenes (total)	0.0300	1.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	111	52 - 149	
4-Bromofluorobenzene	87	84 - 118	
Dibromofluoromethane	100	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	6271
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-6271
Initial Calibration ID:	1060	**File ID:**	T0621.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	475047	443553 - 1774212	
Chlorobenzene-d5	1339733	698816 - 2795262	
Fluorobenzene	3073914	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4638.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.115	115	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0530	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0530	106	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0509	102	59 - 140	
1,1,2-Trichloroethane	0.05	0.0477	95	62 - 127	
1,1-Dichloroethane	0.05	0.0485	97	73 - 125	
1,1-Dichloroethene	0.05	0.0783	157	65 - 136	*
1,1-Dichloropropene	0.05	0.0529	106	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0509	102	62 - 133	
1,2,3-Trichloropropane	0.05	0.0465	93	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0542	108	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0592	118	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0421	84	49 - 135	
1,2-Dibromoethane	0.05	0.0466	93	70 - 124	
1,2-Dichlorobenzene	0.05	0.0522	104	74 - 120	
1,2-Dichloroethane	0.05	0.0460	92	72 - 137	
1,2-Dichloropropane	0.05	0.0474	95	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0615	123	65 - 133	
1,3-Dichlorobenzene	0.05	0.0546	109	72 - 124	
1,3-Dichloropropane	0.05	0.0489	98	76 - 123	
1,4-Dichlorobenzene	0.05	0.0523	105	72 - 125	
1-Chlorohexane	0.05	0.0562	112	60 - 135	
2,2-Dichloropropane	0.05	0.0521	104	67 - 134	
2-Butanone	0.1	0.0741	74	40 - 135	
2-Chlorotoluene	0.05	0.0582	116	69 - 128	
4-Chlorotoluene	0.05	0.0573	115	73 - 126	
4-Methyl-2-pentanone	0.1	0.0808	81	47 - 147	
Acetone	0.1	0.0884	88	40 - 141	
Benzene	0.05	0.0541	108	73 - 126	
Bromobenzene	0.05	0.0551	110	66 - 121	
Bromochloromethane	0.05	0.0494	99	71 - 127	
Bromodichloromethane	0.05	0.0498	100	72 - 128	
Bromoform	0.05	0.0413	83	66 - 137	
Bromomethane	0.05	0.0690	138	45 - 141	
Carbon tetrachloride	0.05	0.0527	105	67 - 133	
Chlorobenzene	0.05	0.0568	114	75 - 123	
Chloroethane	0.05	0.0535	107	41 - 141	
Chloroform	0.05	0.0512	102	72 - 124	
Chloromethane	0.05	0.0326	65	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0504	101	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0499	100	72 - 126	
Dibromochloromethane	0.05	0.0461	92	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4638.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0472	94	73 - 128	
Dichlorodifluoromethane	0.05	0.0323	65	34 - 136	
Ethylbenzene	0.05	0.0549	110	74 - 127	
Hexachlorobutadiene	0.05	0.0502	100	53 - 142	
Isopropylbenzene	0.05	0.0582	116	77 - 129	
Methyl tert-butyl ether	0.05	0.0485	97	50 - 135	
Methylene chloride	0.05	0.0414	83	63 - 137	
n-Butylbenzene	0.05	0.0527	105	65 - 138	
n-Propylbenzene	0.05	0.0606	121	63 - 135	
Naphthalene	0.05	0.0431	86	51 - 135	
o-Xylene	0.05	0.0516	103	77 - 125	
p-Isopropyltoluene	0.05	0.0613	123	75 - 133	
sec-Butylbenzene	0.05	0.0561	112	63 - 132	
Styrene	0.05	0.0549	110	74 - 128	
tert-Butylbenzene	0.05	0.0599	120	65 - 132	
Tetrachloroethene	0.05	0.0556	111	67 - 139	
Toluene	0.05	0.0490	98	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0501	100	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0500	100	65 - 127	
Trichloroethene	0.05	0.0533	107	77 - 124	
Trichlorofluoromethane	0.05	0.0696	139	49 - 139	
Vinyl chloride	0.05	0.0477	95	58 - 126	
Xylenes (total)	0.15	0.167	111	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	106	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1748062	1061351 - 4245404	
Chlorobenzene-d5	2568744	1422324 - 5689294	
Fluorobenzene	6197138	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11322

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11322 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4658.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.101	101	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0459	92	74 - 125	
1,1,1-Trichloroethane	0.05	0.0474	95	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0461	92	59 - 140	
1,1,2-Trichloroethane	0.05	0.0444	89	62 - 127	
1,1-Dichloroethane	0.05	0.0450	90	73 - 125	
1,1-Dichloroethene	0.05	0.0441	88	65 - 136	
1,1-Dichloropropene	0.05	0.0465	93	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0456	91	62 - 133	
1,2,3-Trichloropropane	0.05	0.0427	85	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0459	92	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0518	104	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0395	79	49 - 135	
1,2-Dibromoethane	0.05	0.0428	86	70 - 124	
1,2-Dichlorobenzene	0.05	0.0472	94	74 - 120	
1,2-Dichloroethane	0.05	0.0441	88	72 - 137	
1,2-Dichloropropane	0.05	0.0439	88	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0528	106	65 - 133	
1,3-Dichlorobenzene	0.05	0.0482	96	72 - 124	
1,3-Dichloropropane	0.05	0.0449	90	76 - 123	
1,4-Dichlorobenzene	0.05	0.0461	92	72 - 125	
1-Chlorohexane	0.05	0.0460	92	60 - 135	
2,2-Dichloropropane	0.05	0.0463	93	67 - 134	
2-Butanone	0.1	0.0651	65	40 - 135	
2-Chlorotoluene	0.05	0.0508	102	69 - 128	
4-Chlorotoluene	0.05	0.0507	101	73 - 126	
4-Methyl-2-pentanone	0.1	0.0680	68	47 - 147	
Acetone	0.1	0.0832	83	40 - 141	
Benzene	0.05	0.0495	99	73 - 126	
Bromobenzene	0.05	0.0479	96	66 - 121	
Bromochloromethane	0.05	0.0457	91	71 - 127	
Bromodichloromethane	0.05	0.0453	91	72 - 128	
Bromoform	0.05	0.0365	73	66 - 137	
Bromomethane	0.05	0.0543	109	45 - 141	
Carbon tetrachloride	0.05	0.0457	91	67 - 133	
Chlorobenzene	0.05	0.0497	99	75 - 123	
Chloroethane	0.05	0.0590	118	41 - 141	
Chloroform	0.05	0.0470	94	72 - 124	
Chloromethane	0.05	0.0320	64	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0468	94	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0451	90	72 - 126	
Dibromochloromethane	0.05	0.0406	81	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11322

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11322 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4658.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0446	89	73 - 128	
Dichlorodifluoromethane	0.05	0.0277	55	34 - 136	
Ethylbenzene	0.05	0.0481	96	74 - 127	
Hexachlorobutadiene	0.05	0.0394	79	53 - 142	
Isopropylbenzene	0.05	0.0484	97	77 - 129	
Methyl tert-butyl ether	0.05	0.0451	90	50 - 135	
Methylene chloride	0.05	0.0381	76	63 - 137	
n-Butylbenzene	0.05	0.0422	84	65 - 138	
n-Propylbenzene	0.05	0.0503	101	63 - 135	
Naphthalene	0.05	0.0409	82	51 - 135	
o-Xylene	0.05	0.0464	93	77 - 125	
p-Isopropyltoluene	0.05	0.0510	102	75 - 133	
sec-Butylbenzene	0.05	0.0456	91	63 - 132	
Styrene	0.05	0.0493	99	74 - 128	
tert-Butylbenzene	0.05	0.0502	100	65 - 132	
Tetrachloroethene	0.05	0.0460	92	67 - 139	
Toluene	0.05	0.0451	90	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0451	90	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0448	90	65 - 127	
Trichloroethene	0.05	0.0466	93	77 - 124	
Trichlorofluoromethane	0.05	0.0625	125	49 - 139	
Vinyl chloride	0.05	0.0422	84	58 - 126	
Xylenes (total)	0.15	0.148	99	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	108	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1426964	1061351 - 4245404	
Chlorobenzene-d5	2048331	1422324 - 5689294	
Fluorobenzene	4886668	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0659.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.24	105	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.60	104	74 - 125	
1,1,1-Trichloroethane	2.5	2.76	111	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.77	111	59 - 140	
1,1,2-Trichloroethane	2.5	2.59	104	62 - 127	
1,1-Dichloroethane	2.5	2.66	106	73 - 125	
1,1-Dichloroethene	2.5	2.41	96	65 - 136	
1,1-Dichloropropene	2.5	2.72	109	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.58	103	62 - 133	
1,2,3-Trichloropropane	2.5	2.70	108	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.51	100	65 - 131	
1,2,4-Trimethylbenzene	2.5	3.03	121	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.67	107	49 - 135	
1,2-Dibromoethane	2.5	2.47	99	70 - 124	
1,2-Dichlorobenzene	2.5	2.79	112	74 - 120	
1,2-Dichloroethane	2.5	2.73	109	72 - 137	
1,2-Dichloropropane	2.5	2.62	105	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.99	120	65 - 133	
1,3-Dichlorobenzene	2.5	2.74	110	72 - 124	
1,3-Dichloropropane	2.5	2.58	103	76 - 123	
1,4-Dichlorobenzene	2.5	2.63	105	72 - 125	
1-Chlorohexane	2.5	2.46	98	60 - 135	
2,2-Dichloropropane	2.5	2.61	104	67 - 134	
2-Butanone	5	5.80	116	40 - 135	
2-Chlorotoluene	2.5	2.96	118	69 - 128	
4-Chlorotoluene	2.5	2.96	119	73 - 126	
4-Methyl-2-pentanone	5	5.18	104	47 - 147	
Acetone	5	6.93	139	40 - 141	
Benzene	2.5	2.70	108	73 - 126	
Bromobenzene	2.5	2.76	110	66 - 121	
Bromochloromethane	2.5	2.39	96	71 - 127	
Bromodichloromethane	2.5	2.73	109	72 - 128	
Bromoform	2.5	2.24	90	66 - 137	
Bromomethane	2.5	2.12	85	45 - 141	
Carbon tetrachloride	2.5	2.59	104	67 - 133	
Chlorobenzene	2.5	2.56	102	75 - 123	
Chloroethane	2.5	2.49	100	41 - 141	
Chloroform	2.5	2.63	105	72 - 124	
Chloromethane	2.5	2.58	103	51 - 129	
cis-1,2-Dichloroethene	2.5	2.59	104	67 - 125	
cis-1,3-Dichloropropene	2.5	2.81	112	72 - 126	
Dibromochloromethane	2.5	2.52	101	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0659.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.53	101	73 - 128	
Dichlorodifluoromethane	2.5	2.54	101	34 - 136	
Ethylbenzene	2.5	2.76	110	74 - 127	
Hexachlorobutadiene	2.5	2.53	101	53 - 142	
Isopropylbenzene	2.5	3.09	124	77 - 129	
Methyl tert-butyl ether	2.5	2.86	114	50 - 135	
Methylene chloride	2.5	2.39	96	63 - 137	
n-Butylbenzene	2.5	2.90	116	65 - 138	
n-Propylbenzene	2.5	3.05	122	63 - 135	
Naphthalene	2.5	2.68	107	51 - 135	
o-Xylene	2.5	2.64	106	77 - 125	
p-Isopropyltoluene	2.5	3.04	122	75 - 133	
sec-Butylbenzene	2.5	3.07	123	63 - 132	
Styrene	2.5	2.33	93	74 - 128	
tert-Butylbenzene	2.5	2.92	117	65 - 132	
Tetrachloroethene	2.5	2.43	97	67 - 139	
Toluene	2.5	2.78	111	71 - 127	
trans-1,2-Dichloroethene	2.5	2.49	100	66 - 134	
trans-1,3-Dichloropropene	2.5	2.55	102	65 - 127	
Trichloroethene	2.5	2.67	107	77 - 124	
Trichlorofluoromethane	2.5	2.64	106	49 - 139	
Vinyl chloride	2.5	2.78	111	58 - 126	
Xylenes (total)	7.5	7.88	105	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	102	84 - 118	
Dibromofluoromethane	100	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	830334	443553 - 1774212	
Chlorobenzene-d5	1541560	698816 - 2795262	
Fluorobenzene	3282968	1526695 - 6106780	

Comments:

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ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0614.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	4.66	93	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.37	95	74 - 125	
1,1,1-Trichloroethane	2.5	2.70	108	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.78	111	59 - 140	
1,1,2-Trichloroethane	2.5	2.51	101	62 - 127	
1,1-Dichloroethane	2.5	2.62	105	73 - 125	
1,1-Dichloroethene	2.5	2.37	95	65 - 136	
1,1-Dichloropropene	2.5	2.67	107	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.43	97	62 - 133	
1,2,3-Trichloropropane	2.5	2.69	108	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.33	93	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.93	117	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.61	104	49 - 135	
1,2-Dibromoethane	2.5	2.28	91	70 - 124	
1,2-Dichlorobenzene	2.5	2.59	104	74 - 120	
1,2-Dichloroethane	2.5	2.70	108	72 - 137	
1,2-Dichloropropane	2.5	2.62	105	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.84	114	65 - 133	
1,3-Dichlorobenzene	2.5	2.61	104	72 - 124	
1,3-Dichloropropane	2.5	2.42	97	76 - 123	
1,4-Dichlorobenzene	2.5	2.49	100	72 - 125	
1-Chlorohexane	2.5	2.29	92	60 - 135	
2,2-Dichloropropane	2.5	2.53	101	67 - 134	
2-Butanone	5	5.58	112	40 - 135	
2-Chlorotoluene	2.5	2.82	113	69 - 128	
4-Chlorotoluene	2.5	2.81	112	73 - 126	
4-Methyl-2-pentanone	5	5.11	102	47 - 147	
Acetone	5	6.66	133	40 - 141	
Benzene	2.5	2.64	105	73 - 126	
Bromobenzene	2.5	2.56	103	66 - 121	
Bromochloromethane	2.5	2.31	92	71 - 127	
Bromodichloromethane	2.5	2.68	107	72 - 128	
Bromoform	2.5	2.03	81	66 - 137	
Bromomethane	2.5	2.33	93	45 - 141	
Carbon tetrachloride	2.5	2.48	99	67 - 133	
Chlorobenzene	2.5	2.35	94	75 - 123	
Chloroethane	2.5	2.57	103	41 - 141	
Chloroform	2.5	2.58	103	72 - 124	
Chloromethane	2.5	2.65	106	51 - 129	
cis-1,2-Dichloroethene	2.5	2.46	98	67 - 125	
cis-1,3-Dichloropropene	2.5	2.73	109	72 - 126	
Dibromochloromethane	2.5	2.32	93	66 - 130	

Comments:

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ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0614.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.49	100	73 - 128	
Dichlorodifluoromethane	2.5	2.60	104	34 - 136	
Ethylbenzene	2.5	2.52	101	74 - 127	
Hexachlorobutadiene	2.5	2.40	96	53 - 142	
Isopropylbenzene	2.5	2.91	116	77 - 129	
Methyl tert-butyl ether	2.5	2.66	106	50 - 135	
Methylene chloride	2.5	2.31	92	63 - 137	
n-Butylbenzene	2.5	2.84	114	65 - 138	
n-Propylbenzene	2.5	2.93	117	63 - 135	
Naphthalene	2.5	2.45	98	51 - 135	
o-Xylene	2.5	2.33	93	77 - 125	
p-Isopropyltoluene	2.5	2.90	116	75 - 133	
sec-Butylbenzene	2.5	2.95	118	63 - 132	
Styrene	2.5	2.09	84	74 - 128	
tert-Butylbenzene	2.5	2.76	110	65 - 132	
Tetrachloroethene	2.5	2.24	90	67 - 139	
Toluene	2.5	2.70	108	71 - 127	
trans-1,2-Dichloroethene	2.5	2.42	97	66 - 134	
trans-1,3-Dichloropropene	2.5	2.48	99	65 - 127	
Trichloroethene	2.5	2.58	103	77 - 124	
Trichlorofluoromethane	2.5	2.72	109	49 - 139	
Vinyl chloride	2.5	2.75	110	58 - 126	
Xylenes (total)	7.5	6.98	93	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	52 - 149	
4-Bromofluorobenzene	96	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	838638	443553 - 1774212	
Chlorobenzene-d5	1627323	698816 - 2795262	
Fluorobenzene	3320759	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2786.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.01	100	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.68	107	74 - 125	
1,1,1-Trichloroethane	2.5	2.39	95	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.40	96	59 - 140	
1,1,2-Trichloroethane	2.5	2.61	104	62 - 127	
1,1-Dichloroethane	2.5	2.53	101	73 - 125	
1,1-Dichloroethene	2.5	2.60	104	65 - 136	
1,1-Dichloropropene	2.5	2.64	106	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.35	94	62 - 133	
1,2,3-Trichloropropane	2.5	2.65	106	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.41	97	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.59	104	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.25	90	49 - 135	
1,2-Dibromoethane	2.5	2.57	103	70 - 124	
1,2-Dichlorobenzene	2.5	2.50	100	74 - 120	
1,2-Dichloroethane	2.5	2.44	98	72 - 137	
1,2-Dichloropropane	2.5	2.59	104	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.56	102	65 - 133	
1,3-Dichlorobenzene	2.5	2.47	99	72 - 124	
1,3-Dichloropropane	2.5	2.47	99	76 - 123	
1,4-Dichlorobenzene	2.5	2.50	100	72 - 125	
1-Chlorohexane	2.5	2.73	109	60 - 135	
2,2-Dichloropropane	2.5	2.21	88	67 - 134	
2-Butanone	5	4.57	91	40 - 135	
2-Chlorotoluene	2.5	2.47	99	69 - 128	
4-Chlorotoluene	2.5	2.39	95	73 - 126	
4-Methyl-2-pentanone	5	5.04	101	47 - 147	
Acetone	5	4.11	82	40 - 141	
Benzene	2.5	2.51	100	73 - 126	
Bromobenzene	2.5	2.48	99	66 - 121	
Bromochloromethane	2.5	2.56	102	71 - 127	
Bromodichloromethane	2.5	2.45	98	72 - 128	
Bromoform	2.5	2.35	94	66 - 137	
Bromomethane	2.5	2.39	96	45 - 141	
Carbon tetrachloride	2.5	2.44	97	67 - 133	
Chlorobenzene	2.5	2.43	97	75 - 123	
Chloroethane	2.5	2.60	104	41 - 141	
Chloroform	2.5	2.56	102	72 - 124	
Chloromethane	2.5	2.43	97	51 - 129	
cis-1,2-Dichloroethene	2.5	2.51	101	67 - 125	
cis-1,3-Dichloropropene	2.5	2.42	97	72 - 126	
Dibromochloromethane	2.5	2.41	97	66 - 130	

Comments:

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ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2786.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.54	102	73 - 128	
Dichlorodifluoromethane	2.5	2.46	99	34 - 136	
Ethylbenzene	2.5	2.54	102	74 - 127	
Hexachlorobutadiene	2.5	2.56	103	53 - 142	
Isopropylbenzene	2.5	2.56	102	77 - 129	
Methyl tert-butyl ether	2.5	2.53	101	50 - 135	
Methylene chloride	2.5	2.44	98	63 - 137	
n-Butylbenzene	2.5	2.55	102	65 - 138	
n-Propylbenzene	2.5	2.64	106	63 - 135	
Naphthalene	2.5	2.37	95	51 - 135	
o-Xylene	2.5	2.58	103	77 - 125	
p-Isopropyltoluene	2.5	2.34	94	75 - 133	
sec-Butylbenzene	2.5	2.61	104	63 - 132	
Styrene	2.5	2.60	104	74 - 128	
tert-Butylbenzene	2.5	2.56	103	65 - 132	
Tetrachloroethene	2.5	2.60	104	67 - 139	
Toluene	2.5	2.64	106	71 - 127	
trans-1,2-Dichloroethene	2.5	2.54	102	66 - 134	
trans-1,3-Dichloropropene	2.5	2.36	94	65 - 127	
Trichloroethene	2.5	2.70	108	77 - 124	
Trichlorofluoromethane	2.5	2.58	103	49 - 139	
Vinyl chloride	2.5	1.80	72	58 - 126	
Xylenes (total)	7.5	7.60	101	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2387574	1123200 - 4492802	
Chlorobenzene-d5	3454149	1595982 - 6383930	
Fluorobenzene	5673604	2658960 - 10635838	

Comments:

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ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4639.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.119	119	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0552	110	74 - 125	
1,1,1-Trichloroethane	0.05	0.0548	110	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0566	113	59 - 140	
1,1,2-Trichloroethane	0.05	0.0515	103	62 - 127	
1,1-Dichloroethane	0.05	0.0518	104	73 - 125	
1,1-Dichloroethene	0.05	0.0513	103	65 - 136	
1,1-Dichloropropene	0.05	0.0538	108	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0580	116	62 - 133	
1,2,3-Trichloropropane	0.05	0.0528	106	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0574	115	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0614	123	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0490	98	49 - 135	
1,2-Dibromoethane	0.05	0.0502	100	70 - 124	
1,2-Dichlorobenzene	0.05	0.0559	112	74 - 120	
1,2-Dichloroethane	0.05	0.0501	100	72 - 137	
1,2-Dichloropropane	0.05	0.0503	101	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0634	127	65 - 133	
1,3-Dichlorobenzene	0.05	0.0568	114	72 - 124	
1,3-Dichloropropane	0.05	0.0525	105	76 - 123	
1,4-Dichlorobenzene	0.05	0.0547	109	72 - 125	
1-Chlorohexane	0.05	0.0545	109	60 - 135	
2,2-Dichloropropane	0.05	0.0540	108	67 - 134	
2-Butanone	0.1	0.0842	84	40 - 135	
2-Chlorotoluene	0.05	0.0606	121	69 - 128	
4-Chlorotoluene	0.05	0.0594	119	73 - 126	
4-Methyl-2-pentanone	0.1	0.0911	91	47 - 147	
Acetone	0.1	0.103	103	40 - 141	
Benzene	0.05	0.0568	114	73 - 126	
Bromobenzene	0.05	0.0574	115	66 - 121	
Bromochloromethane	0.05	0.0526	105	71 - 127	
Bromodichloromethane	0.05	0.0531	106	72 - 128	
Bromoform	0.05	0.0452	90	66 - 137	
Bromomethane	0.05	0.0637	127	45 - 141	
Carbon tetrachloride	0.05	0.0544	109	67 - 133	
Chlorobenzene	0.05	0.0582	116	75 - 123	
Chloroethane	0.05	0.0666	133	41 - 141	
Chloroform	0.05	0.0543	109	72 - 124	
Chloromethane	0.05	0.0350	70	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0540	108	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0523	105	72 - 126	
Dibromochloromethane	0.05	0.0491	98	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11301 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4639.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0515	103	73 - 128	
Dichlorodifluoromethane	0.05	0.0308	62	34 - 136	
Ethylbenzene	0.05	0.0569	114	74 - 127	
Hexachlorobutadiene	0.05	0.0555	111	53 - 142	
Isopropylbenzene	0.05	0.0600	120	77 - 129	
Methyl tert-butyl ether	0.05	0.0538	108	50 - 135	
Methylene chloride	0.05	0.0445	89	63 - 137	
n-Butylbenzene	0.05	0.0538	108	65 - 138	
n-Propylbenzene	0.05	0.0618	124	63 - 135	
Naphthalene	0.05	0.0511	102	51 - 135	
o-Xylene	0.05	0.0548	110	77 - 125	
p-Isopropyltoluene	0.05	0.0633	127	75 - 133	
sec-Butylbenzene	0.05	0.0582	116	63 - 132	
Styrene	0.05	0.0578	116	74 - 128	
tert-Butylbenzene	0.05	0.0624	125	65 - 132	
Tetrachloroethene	0.05	0.0550	110	67 - 139	
Toluene	0.05	0.0507	101	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0523	105	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0531	106	65 - 127	
Trichloroethene	0.05	0.0544	109	77 - 124	
Trichlorofluoromethane	0.05	0.0664	133	49 - 139	
Vinyl chloride	0.05	0.0480	96	58 - 126	
Xylenes (total)	0.15	0.174	116	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	52 - 149	
4-Bromofluorobenzene	100	84 - 118	
Dibromofluoromethane	107	65 - 135	
Toluene-d8	104	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1525343	1061351 - 4245404	
Chlorobenzene-d5	2214801	1422324 - 5689294	
Fluorobenzene	5367672	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11322

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11322 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4659.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0955	96	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0451	90	74 - 125	
1,1,1-Trichloroethane	0.05	0.0460	92	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0473	95	59 - 140	
1,1,2-Trichloroethane	0.05	0.0428	86	62 - 127	
1,1-Dichloroethane	0.05	0.0440	88	73 - 125	
1,1-Dichloroethene	0.05	0.0436	87	65 - 136	
1,1-Dichloropropene	0.05	0.0447	89	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0444	89	62 - 133	
1,2,3-Trichloropropane	0.05	0.0441	88	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0446	89	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0507	101	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0390	78	49 - 135	
1,2-Dibromoethane	0.05	0.0410	82	70 - 124	
1,2-Dichlorobenzene	0.05	0.0463	93	74 - 120	
1,2-Dichloroethane	0.05	0.0428	86	72 - 137	
1,2-Dichloropropane	0.05	0.0422	84	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0522	104	65 - 133	
1,3-Dichlorobenzene	0.05	0.0471	94	72 - 124	
1,3-Dichloropropane	0.05	0.0445	89	76 - 123	
1,4-Dichlorobenzene	0.05	0.0451	90	72 - 125	
1-Chlorohexane	0.05	0.0446	89	60 - 135	
2,2-Dichloropropane	0.05	0.0448	90	67 - 134	
2-Butanone	0.1	0.0675	67	40 - 135	
2-Chlorotoluene	0.05	0.0500	100	69 - 128	
4-Chlorotoluene	0.05	0.0495	99	73 - 126	
4-Methyl-2-pentanone	0.1	0.0729	73	47 - 147	
Acetone	0.1	0.0825	83	40 - 141	
Benzene	0.05	0.0477	95	73 - 126	
Bromobenzene	0.05	0.0476	95	66 - 121	
Bromochloromethane	0.05	0.0447	89	71 - 127	
Bromodichloromethane	0.05	0.0436	87	72 - 128	
Bromoform	0.05	0.0358	72	66 - 137	
Bromomethane	0.05	0.0622	124	45 - 141	
Carbon tetrachloride	0.05	0.0452	91	67 - 133	
Chlorobenzene	0.05	0.0481	96	75 - 123	
Chloroethane	0.05	0.0531	106	41 - 141	
Chloroform	0.05	0.0459	92	72 - 124	
Chloromethane	0.05	0.0315	63	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0456	91	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0434	87	72 - 126	
Dibromochloromethane	0.05	0.0405	81	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11322

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11322 **Initial Calibration ID:** 1056

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4659.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0429	86	73 - 128	
Dichlorodifluoromethane	0.05	0.0268	54	34 - 136	
Ethylbenzene	0.05	0.0457	91	74 - 127	
Hexachlorobutadiene	0.05	0.0435	87	53 - 142	
Isopropylbenzene	0.05	0.0486	97	77 - 129	
Methyl tert-butyl ether	0.05	0.0439	88	50 - 135	
Methylene chloride	0.05	0.0369	74	63 - 137	
n-Butylbenzene	0.05	0.0433	87	65 - 138	
n-Propylbenzene	0.05	0.0501	100	63 - 135	
Naphthalene	0.05	0.0394	79	51 - 135	
o-Xylene	0.05	0.0433	87	77 - 125	
p-Isopropyltoluene	0.05	0.0516	103	75 - 133	
sec-Butylbenzene	0.05	0.0470	94	63 - 132	
Styrene	0.05	0.0463	93	74 - 128	
tert-Butylbenzene	0.05	0.0512	102	65 - 132	
Tetrachloroethene	0.05	0.0449	90	67 - 139	
Toluene	0.05	0.0426	85	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0445	89	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0433	86	65 - 127	
Trichloroethene	0.05	0.0456	91	77 - 124	
Trichlorofluoromethane	0.05	0.0660	132	49 - 139	
Vinyl chloride	0.05	0.0536	107	58 - 126	
Xylenes (total)	0.15	0.139	93	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	109	65 - 135	
Toluene-d8	105	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1518376	1061351 - 4245404	
Chlorobenzene-d5	2262204	1422324 - 5689294	
Fluorobenzene	5554262	3366154 - 13464618	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0660.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.63	113	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.88	115	74 - 125	
1,1,1-Trichloroethane	2.5	2.96	118	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	3.07	123	59 - 140	
1,1,2-Trichloroethane	2.5	2.78	111	62 - 127	
1,1-Dichloroethane	2.5	2.90	116	73 - 125	
1,1-Dichloroethene	2.5	2.64	106	65 - 136	
1,1-Dichloropropene	2.5	2.90	116	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.70	108	62 - 133	
1,2,3-Trichloropropane	2.5	2.63	105	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.68	107	65 - 131	
1,2,4-Trimethylbenzene	2.5	3.30	132	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.90	116	49 - 135	
1,2-Dibromoethane	2.5	2.77	111	70 - 124	
1,2-Dichlorobenzene	2.5	3.02	121	74 - 120	*
1,2-Dichloroethane	2.5	2.95	118	72 - 137	
1,2-Dichloropropane	2.5	2.86	114	71 - 120	
1,3,5-Trimethylbenzene	2.5	3.26	131	65 - 133	
1,3-Dichlorobenzene	2.5	2.98	119	72 - 124	
1,3-Dichloropropane	2.5	2.86	114	76 - 123	
1,4-Dichlorobenzene	2.5	2.88	115	72 - 125	
1-Chlorohexane	2.5	2.72	109	60 - 135	
2,2-Dichloropropane	2.5	2.72	109	67 - 134	
2-Butanone	5	6.44	129	40 - 135	
2-Chlorotoluene	2.5	3.24	129	69 - 128	*
4-Chlorotoluene	2.5	3.22	129	73 - 126	*
4-Methyl-2-pentanone	5	5.84	117	47 - 147	
Acetone	5	7.77	155	40 - 141	*
Benzene	2.5	2.90	116	73 - 126	
Bromobenzene	2.5	2.97	119	66 - 121	
Bromochloromethane	2.5	2.66	106	71 - 127	
Bromodichloromethane	2.5	2.92	117	72 - 128	
Bromoform	2.5	2.54	102	66 - 137	
Bromomethane	2.5	2.33	93	45 - 141	
Carbon tetrachloride	2.5	2.73	109	67 - 133	
Chlorobenzene	2.5	2.78	111	75 - 123	
Chloroethane	2.5	2.68	107	41 - 141	
Chloroform	2.5	2.81	112	72 - 124	
Chloromethane	2.5	2.79	112	51 - 129	
cis-1,2-Dichloroethene	2.5	2.80	112	67 - 125	
cis-1,3-Dichloropropene	2.5	3.05	122	72 - 126	
Dibromochloromethane	2.5	2.79	112	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11365 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0660.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.81	112	73 - 128	
Dichlorodifluoromethane	2.5	2.72	109	34 - 136	
Ethylbenzene	2.5	2.96	118	74 - 127	
Hexachlorobutadiene	2.5	2.63	105	53 - 142	
Isopropylbenzene	2.5	3.37	135	77 - 129	*
Methyl tert-butyl ether	2.5	3.10	124	50 - 135	
Methylene chloride	2.5	2.52	101	63 - 137	
n-Butylbenzene	2.5	3.18	127	65 - 138	
n-Propylbenzene	2.5	3.31	132	63 - 135	
Naphthalene	2.5	2.92	117	51 - 135	
o-Xylene	2.5	2.85	114	77 - 125	
p-Isopropyltoluene	2.5	3.29	132	75 - 133	
sec-Butylbenzene	2.5	3.36	134	63 - 132	*
Styrene	2.5	2.52	101	74 - 128	
tert-Butylbenzene	2.5	3.17	127	65 - 132	
Tetrachloroethene	2.5	2.63	105	67 - 139	
Toluene	2.5	2.98	119	71 - 127	
trans-1,2-Dichloroethene	2.5	2.69	108	66 - 134	
trans-1,3-Dichloropropene	2.5	2.74	110	65 - 127	
Trichloroethene	2.5	2.84	114	77 - 124	
Trichlorofluoromethane	2.5	2.86	114	49 - 139	
Vinyl chloride	2.5	2.95	118	58 - 126	
Xylenes (total)	7.5	8.48	113	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	52 - 149	
4-Bromofluorobenzene	103	84 - 118	
Dibromofluoromethane	99	65 - 135	
Toluene-d8	107	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	754149	443553 - 1774212	
Chlorobenzene-d5	1406287	698816 - 2795262	
Fluorobenzene	3032888	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0615.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	4.72	94	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.41	96	74 - 125	
1,1,1-Trichloroethane	2.5	2.66	106	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.72	109	59 - 140	
1,1,2-Trichloroethane	2.5	2.52	101	62 - 127	
1,1-Dichloroethane	2.5	2.64	106	73 - 125	
1,1-Dichloroethene	2.5	2.38	95	65 - 136	
1,1-Dichloropropene	2.5	2.65	106	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.41	96	62 - 133	
1,2,3-Trichloropropane	2.5	2.63	105	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.38	95	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.90	116	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.51	101	49 - 135	
1,2-Dibromoethane	2.5	2.31	92	70 - 124	
1,2-Dichlorobenzene	2.5	2.64	106	74 - 120	
1,2-Dichloroethane	2.5	2.68	107	72 - 137	
1,2-Dichloropropane	2.5	2.56	102	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.86	114	65 - 133	
1,3-Dichlorobenzene	2.5	2.60	104	72 - 124	
1,3-Dichloropropane	2.5	2.44	97	76 - 123	
1,4-Dichlorobenzene	2.5	2.51	100	72 - 125	
1-Chlorohexane	2.5	2.31	92	60 - 135	
2,2-Dichloropropane	2.5	2.50	100	67 - 134	
2-Butanone	5	5.66	113	40 - 135	
2-Chlorotoluene	2.5	2.83	113	69 - 128	
4-Chlorotoluene	2.5	2.84	114	73 - 126	
4-Methyl-2-pentanone	5	5.24	105	47 - 147	
Acetone	5	6.62	132	40 - 141	
Benzene	2.5	2.62	105	73 - 126	
Bromobenzene	2.5	2.60	104	66 - 121	
Bromochloromethane	2.5	2.31	92	71 - 127	
Bromodichloromethane	2.5	2.68	107	72 - 128	
Bromoform	2.5	2.08	83	66 - 137	
Bromomethane	2.5	2.31	92	45 - 141	
Carbon tetrachloride	2.5	2.49	100	67 - 133	
Chlorobenzene	2.5	2.36	94	75 - 123	
Chloroethane	2.5	2.53	101	41 - 141	
Chloroform	2.5	2.55	102	72 - 124	
Chloromethane	2.5	2.66	106	51 - 129	
cis-1,2-Dichloroethene	2.5	2.48	99	67 - 125	
cis-1,3-Dichloropropene	2.5	2.67	107	72 - 126	
Dibromochloromethane	2.5	2.31	92	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11383 **Initial Calibration ID:** 1060

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** T0615.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.52	101	73 - 128	
Dichlorodifluoromethane	2.5	2.60	104	34 - 136	
Ethylbenzene	2.5	2.54	102	74 - 127	
Hexachlorobutadiene	2.5	2.36	94	53 - 142	
Isopropylbenzene	2.5	2.92	117	77 - 129	
Methyl tert-butyl ether	2.5	2.70	108	50 - 135	
Methylene chloride	2.5	2.31	92	63 - 137	
n-Butylbenzene	2.5	2.82	113	65 - 138	
n-Propylbenzene	2.5	2.93	117	63 - 135	
Naphthalene	2.5	2.48	99	51 - 135	
o-Xylene	2.5	2.40	96	77 - 125	
p-Isopropyltoluene	2.5	2.87	115	75 - 133	
sec-Butylbenzene	2.5	2.94	117	63 - 132	
Styrene	2.5	2.13	85	74 - 128	
tert-Butylbenzene	2.5	2.75	110	65 - 132	
Tetrachloroethene	2.5	2.22	89	67 - 139	
Toluene	2.5	2.68	107	71 - 127	
trans-1,2-Dichloroethene	2.5	2.40	96	66 - 134	
trans-1,3-Dichloropropene	2.5	2.47	99	65 - 127	
Trichloroethene	2.5	2.50	100	77 - 124	
Trichlorofluoromethane	2.5	2.66	107	49 - 139	
Vinyl chloride	2.5	2.74	110	58 - 126	
Xylenes (total)	7.5	7.12	95	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	110	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	846610	443553 - 1774212	
Chlorobenzene-d5	1615385	698816 - 2795262	
Fluorobenzene	3318200	1526695 - 6106780	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2787.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	5	5.04	101	79 - 126	
1,1,1,2-Tetrachloroethane	2.5	2.62	105	74 - 125	
1,1,1-Trichloroethane	2.5	2.45	98	68 - 130	
1,1,2,2-Tetrachloroethane	2.5	2.36	94	59 - 140	
1,1,2-Trichloroethane	2.5	2.59	104	62 - 127	
1,1-Dichloroethane	2.5	2.65	106	73 - 125	
1,1-Dichloroethene	2.5	2.69	108	65 - 136	
1,1-Dichloropropene	2.5	2.68	107	70 - 135	
1,2,3-Trichlorobenzene	2.5	2.48	99	62 - 133	
1,2,3-Trichloropropane	2.5	2.61	104	63 - 130	
1,2,4-Trichlorobenzene	2.5	2.53	101	65 - 131	
1,2,4-Trimethylbenzene	2.5	2.64	106	65 - 135	
1,2-Dibromo-3-chloropropane	2.5	2.29	92	49 - 135	
1,2-Dibromoethane	2.5	2.58	103	70 - 124	
1,2-Dichlorobenzene	2.5	2.57	103	74 - 120	
1,2-Dichloroethane	2.5	2.46	98	72 - 137	
1,2-Dichloropropane	2.5	2.60	104	71 - 120	
1,3,5-Trimethylbenzene	2.5	2.64	106	65 - 133	
1,3-Dichlorobenzene	2.5	2.52	101	72 - 124	
1,3-Dichloropropane	2.5	2.47	99	76 - 123	
1,4-Dichlorobenzene	2.5	2.51	100	72 - 125	
1-Chlorohexane	2.5	2.70	108	60 - 135	
2,2-Dichloropropane	2.5	2.24	90	67 - 134	
2-Butanone	5	4.63	93	40 - 135	
2-Chlorotoluene	2.5	2.94	118	69 - 128	
4-Chlorotoluene	2.5	2.07	83	73 - 126	
4-Methyl-2-pentanone	5	4.96	99	47 - 147	
Acetone	5	4.21	84	40 - 141	
Benzene	2.5	2.54	102	73 - 126	
Bromobenzene	2.5	2.58	103	66 - 121	
Bromochloromethane	2.5	2.60	104	71 - 127	
Bromodichloromethane	2.5	2.50	100	72 - 128	
Bromoform	2.5	2.41	96	66 - 137	
Bromomethane	2.5	2.48	99	45 - 141	
Carbon tetrachloride	2.5	2.49	100	67 - 133	
Chlorobenzene	2.5	2.51	100	75 - 123	
Chloroethane	2.5	2.56	102	41 - 141	
Chloroform	2.5	2.60	104	72 - 124	
Chloromethane	2.5	2.49	100	51 - 129	
cis-1,2-Dichloroethene	2.5	2.62	105	67 - 125	
cis-1,3-Dichloropropene	2.5	2.40	96	72 - 126	
Dibromochloromethane	2.5	2.41	96	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11407 **Initial Calibration ID:** 1078

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** M2787.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	2.5	2.57	103	73 - 128	
Dichlorodifluoromethane	2.5	2.50	100	34 - 136	
Ethylbenzene	2.5	2.62	105	74 - 127	
Hexachlorobutadiene	2.5	2.67	107	53 - 142	
Isopropylbenzene	2.5	2.64	106	77 - 129	
Methyl tert-butyl ether	2.5	2.54	102	50 - 135	
Methylene chloride	2.5	2.33	93	63 - 137	
n-Butylbenzene	2.5	2.62	105	65 - 138	
n-Propylbenzene	2.5	2.73	109	63 - 135	
Naphthalene	2.5	2.36	94	51 - 135	
o-Xylene	2.5	2.61	104	77 - 125	
p-Isopropyltoluene	2.5	2.39	96	75 - 133	
sec-Butylbenzene	2.5	2.68	107	63 - 132	
Styrene	2.5	2.67	107	74 - 128	
tert-Butylbenzene	2.5	2.61	104	65 - 132	
Tetrachloroethene	2.5	2.62	105	67 - 139	
Toluene	2.5	2.64	105	71 - 127	
trans-1,2-Dichloroethene	2.5	2.56	102	66 - 134	
trans-1,3-Dichloropropene	2.5	2.33	93	65 - 127	
Trichloroethene	2.5	2.72	109	77 - 124	
Trichlorofluoromethane	2.5	2.63	105	49 - 139	
Vinyl chloride	2.5	2.31	92	58 - 126	
Xylenes (total)	7.5	7.64	102	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	106	65 - 135	
Toluene-d8	108	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	2378835	1123200 - 4492802	
Chlorobenzene-d5	3454653	1595982 - 6383930	
Fluorobenzene	5662655	2658960 - 10635838	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11301 **MS ID:** LCS-11301 **MSD ID:** LCSD-11301

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.115	115	0.119	119	3	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0530	106	0.0552	110	4	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0530	106	0.0548	110	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0509	102	0.0566	113	11	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0477	95	0.0515	103	8	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0485	97	0.0518	104	7	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0783	157	0.0513	103	42	65 - 136	30	*
1,1-Dichloropropene		0.0500	0.0529	106	0.0538	108	2	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0509	102	0.0580	116	13	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0465	93	0.0528	106	13	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0542	108	0.0574	115	6	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0592	118	0.0614	123	4	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0421	84	0.0490	98	15	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0466	93	0.0502	100	7	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0522	104	0.0559	112	7	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0460	92	0.0501	100	8	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0474	95	0.0503	101	6	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0615	123	0.0634	127	3	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0546	109	0.0568	114	4	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0489	98	0.0525	105	7	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0523	105	0.0547	109	4	72 - 125	30	
1-Chlorohexane		0.0500	0.0562	112	0.0545	109	3	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0521	104	0.0540	108	3	67 - 134	30	
2-Butanone		0.100	0.0741	74	0.0842	84	13	40 - 135	30	
2-Chlorotoluene		0.0500	0.0582	116	0.0606	121	4	69 - 128	30	
4-Chlorotoluene		0.0500	0.0573	115	0.0594	119	4	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0808	81	0.0911	91	12	47 - 147	30	
Acetone		0.100	0.0884	88	0.103	103	15	40 - 141	30	
Benzene		0.0500	0.0541	108	0.0568	114	5	73 - 126	30	
Bromobenzene		0.0500	0.0551	110	0.0574	115	4	66 - 121	30	
Bromochloromethane		0.0500	0.0494	99	0.0526	105	6	71 - 127	30	
Bromodichloromethane		0.0500	0.0498	100	0.0531	106	6	72 - 128	30	
Bromoform		0.0500	0.0413	83	0.0452	90	9	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11301 **MS ID:** LCS-11301 **MSD ID:** LCSD-11301

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0690	138	0.0637	127	8	45 - 141	30	
Carbon tetrachloride		0.0500	0.0527	105	0.0544	109	3	67 - 133	30	
Chlorobenzene		0.0500	0.0568	114	0.0582	116	2	75 - 123	30	
Chloroethane		0.0500	0.0535	107	0.0666	133	22	41 - 141	30	
Chloroform		0.0500	0.0512	102	0.0543	109	6	72 - 124	30	
Chloromethane		0.0500	0.0326	65	0.0350	70	7	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0504	101	0.0540	108	7	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0499	100	0.0523	105	5	72 - 126	30	
Dibromochloromethane		0.0500	0.0461	92	0.0491	98	6	66 - 130	30	
Dibromomethane		0.0500	0.0472	94	0.0515	103	9	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0323	65	0.0308	62	5	34 - 136	30	
Ethylbenzene		0.0500	0.0549	110	0.0569	114	4	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0502	100	0.0555	111	10	53 - 142	30	
Isopropylbenzene		0.0500	0.0582	116	0.0600	120	3	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0485	97	0.0538	108	10	50 - 135	30	
Methylene chloride		0.0500	0.0414	83	0.0445	89	7	63 - 137	30	
n-Butylbenzene		0.0500	0.0527	105	0.0538	108	2	65 - 138	30	
n-Propylbenzene		0.0500	0.0606	121	0.0618	124	2	63 - 135	30	
Naphthalene		0.0500	0.0431	86	0.0511	102	17	51 - 135	30	
o-Xylene		0.0500	0.0516	103	0.0548	110	6	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0613	123	0.0633	127	3	75 - 133	30	
sec-Butylbenzene		0.0500	0.0561	112	0.0582	116	4	63 - 132	30	
Styrene		0.0500	0.0549	110	0.0578	116	5	74 - 128	30	
tert-Butylbenzene		0.0500	0.0599	120	0.0624	125	4	65 - 132	30	
Tetrachloroethene		0.0500	0.0556	111	0.0550	110	1	67 - 139	30	
Toluene		0.0500	0.0490	98	0.0507	101	3	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0501	100	0.0523	105	4	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0500	100	0.0531	106	6	65 - 127	30	
Trichloroethene		0.0500	0.0533	107	0.0544	109	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0696	139	0.0664	133	5	49 - 139	30	
Vinyl chloride		0.0500	0.0477	95	0.0480	96	1	58 - 126	30	
Xylenes (total)		0.150	0.167	111	0.174	116	4	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11322

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11322 **MS ID:** LCS-11322 **MSD ID:** LCSD-11322

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.101	101	0.0955	96	6	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0459	92	0.0451	90	2	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0474	95	0.0460	92	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0461	92	0.0473	95	3	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0444	89	0.0428	86	4	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0450	90	0.0440	88	2	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0441	88	0.0436	87	1	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0465	93	0.0447	89	4	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0456	91	0.0444	89	3	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0427	85	0.0441	88	3	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0459	92	0.0446	89	3	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0518	104	0.0507	101	2	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0395	79	0.0390	78	1	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0428	86	0.0410	82	4	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0472	94	0.0463	93	2	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0441	88	0.0428	86	3	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0439	88	0.0422	84	4	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0528	106	0.0522	104	1	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0482	96	0.0471	94	2	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0449	90	0.0445	89	1	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0461	92	0.0451	90	2	72 - 125	30	
1-Chlorohexane		0.0500	0.0460	92	0.0446	89	3	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0463	93	0.0448	90	3	67 - 134	30	
2-Butanone		0.100	0.0651	65	0.0675	67	4	40 - 135	30	
2-Chlorotoluene		0.0500	0.0508	102	0.0500	100	2	69 - 128	30	
4-Chlorotoluene		0.0500	0.0507	101	0.0495	99	2	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0680	68	0.0729	73	7	47 - 147	30	
Acetone		0.100	0.0832	83	0.0825	83	1	40 - 141	30	
Benzene		0.0500	0.0495	99	0.0477	95	4	73 - 126	30	
Bromobenzene		0.0500	0.0479	96	0.0476	95	1	66 - 121	30	
Bromochloromethane		0.0500	0.0457	91	0.0447	89	2	71 - 127	30	
Bromodichloromethane		0.0500	0.0453	91	0.0436	87	4	72 - 128	30	
Bromoform		0.0500	0.0365	73	0.0358	72	2	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11322

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11322 **MS ID:** LCS-11322 **MSD ID:** LCSD-11322

Calibration ID: 1056

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0543	109	0.0622	124	14	45 - 141	30	
Carbon tetrachloride		0.0500	0.0457	91	0.0452	91	1	67 - 133	30	
Chlorobenzene		0.0500	0.0497	99	0.0481	96	3	75 - 123	30	
Chloroethane		0.0500	0.0590	118	0.0531	106	11	41 - 141	30	
Chloroform		0.0500	0.0470	94	0.0459	92	2	72 - 124	30	
Chloromethane		0.0500	0.0320	64	0.0315	63	1	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0468	94	0.0456	91	3	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0451	90	0.0434	87	4	72 - 126	30	
Dibromochloromethane		0.0500	0.0406	81	0.0405	81	0	66 - 130	30	
Dibromomethane		0.0500	0.0446	89	0.0429	86	4	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0277	55	0.0268	54	3	34 - 136	30	
Ethylbenzene		0.0500	0.0481	96	0.0457	91	5	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0394	79	0.0435	87	10	53 - 142	30	
Isopropylbenzene		0.0500	0.0484	97	0.0486	97	0	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0451	90	0.0439	88	3	50 - 135	30	
Methylene chloride		0.0500	0.0381	76	0.0369	74	3	63 - 137	30	
n-Butylbenzene		0.0500	0.0422	84	0.0433	87	3	65 - 138	30	
n-Propylbenzene		0.0500	0.0503	101	0.0501	100	0	63 - 135	30	
Naphthalene		0.0500	0.0409	82	0.0394	79	4	51 - 135	30	
o-Xylene		0.0500	0.0464	93	0.0433	87	7	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0510	102	0.0516	103	1	75 - 133	30	
sec-Butylbenzene		0.0500	0.0456	91	0.0470	94	3	63 - 132	30	
Styrene		0.0500	0.0493	99	0.0463	93	6	74 - 128	30	
tert-Butylbenzene		0.0500	0.0502	100	0.0512	102	2	65 - 132	30	
Tetrachloroethene		0.0500	0.0460	92	0.0449	90	2	67 - 139	30	
Toluene		0.0500	0.0451	90	0.0426	85	6	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0451	90	0.0445	89	1	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0448	90	0.0433	86	4	65 - 127	30	
Trichloroethene		0.0500	0.0466	93	0.0456	91	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0625	125	0.0660	132	5	49 - 139	30	
Vinyl chloride		0.0500	0.0422	84	0.0536	107	24	58 - 126	30	
Xylenes (total)		0.150	0.148	99	0.139	93	6	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11365 **MS ID:** LCS-11365 **MSD ID:** LCSD-11365

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.24	105	5.63	113	7	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.60	104	2.88	115	10	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.76	111	2.96	118	7	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.77	111	3.07	123	10	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.59	104	2.78	111	7	62 - 127	30	
1,1-Dichloroethane		2.50	2.66	106	2.90	116	8	73 - 125	30	
1,1-Dichloroethene		2.50	2.41	96	2.64	106	9	65 - 136	30	
1,1-Dichloropropene		2.50	2.72	109	2.90	116	7	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.58	103	2.70	108	4	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.70	108	2.63	105	3	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.51	100	2.68	107	7	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	3.03	121	3.30	132	9	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.67	107	2.90	116	8	49 - 135	30	
1,2-Dibromoethane		2.50	2.47	99	2.77	111	11	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.79	112	3.02	121	8	74 - 120	30	*
1,2-Dichloroethane		2.50	2.73	109	2.95	118	8	72 - 137	30	
1,2-Dichloropropane		2.50	2.62	105	2.86	114	8	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.99	120	3.26	131	9	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.74	110	2.98	119	9	72 - 124	30	
1,3-Dichloropropane		2.50	2.58	103	2.86	114	10	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.63	105	2.88	115	9	72 - 125	30	
1-Chlorohexane		2.50	2.46	98	2.72	109	10	60 - 135	30	
2,2-Dichloropropane		2.50	2.61	104	2.72	109	4	67 - 134	30	
2-Butanone		5.00	5.80	116	6.44	129	11	40 - 135	30	
2-Chlorotoluene		2.50	2.96	118	3.24	129	9	69 - 128	30	*
4-Chlorotoluene		2.50	2.96	119	3.22	129	8	73 - 126	30	*
4-Methyl-2-pentanone		5.00	5.18	104	5.84	117	12	47 - 147	30	
Acetone		5.00	6.93	139	7.77	155	11	40 - 141	30	*
Benzene		2.50	2.70	108	2.90	116	7	73 - 126	30	
Bromobenzene		2.50	2.76	110	2.97	119	7	66 - 121	30	
Bromochloromethane		2.50	2.39	96	2.66	106	10	71 - 127	30	
Bromodichloromethane		2.50	2.73	109	2.92	117	7	72 - 128	30	
Bromoform		2.50	2.24	90	2.54	102	12	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11365 **MS ID:** LCS-11365 **MSD ID:** LCSD-11365

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.12	85	2.33	93	9	45 - 141	30	
Carbon tetrachloride		2.50	2.59	104	2.73	109	5	67 - 133	30	
Chlorobenzene		2.50	2.56	102	2.78	111	8	75 - 123	30	
Chloroethane		2.50	2.49	100	2.68	107	7	41 - 141	30	
Chloroform		2.50	2.63	105	2.81	112	7	72 - 124	30	
Chloromethane		2.50	2.58	103	2.79	112	8	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.59	104	2.80	112	8	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.81	112	3.05	122	8	72 - 126	30	
Dibromochloromethane		2.50	2.52	101	2.79	112	10	66 - 130	30	
Dibromomethane		2.50	2.53	101	2.81	112	10	73 - 128	30	
Dichlorodifluoromethane		2.50	2.54	101	2.72	109	7	34 - 136	30	
Ethylbenzene		2.50	2.76	110	2.96	118	7	74 - 127	30	
Hexachlorobutadiene		2.50	2.53	101	2.63	105	4	53 - 142	30	
Isopropylbenzene		2.50	3.09	124	3.37	135	9	77 - 129	30	*
Methyl tert-butyl ether		2.50	2.86	114	3.10	124	8	50 - 135	30	
Methylene chloride		2.50	2.39	96	2.52	101	6	63 - 137	30	
n-Butylbenzene		2.50	2.90	116	3.18	127	9	65 - 138	30	
n-Propylbenzene		2.50	3.05	122	3.31	132	8	63 - 135	30	
Naphthalene		2.50	2.68	107	2.92	117	8	51 - 135	30	
o-Xylene		2.50	2.64	106	2.85	114	8	77 - 125	30	
p-Isopropyltoluene		2.50	3.04	122	3.29	132	8	75 - 133	30	
sec-Butylbenzene		2.50	3.07	123	3.36	134	9	63 - 132	30	*
Styrene		2.50	2.33	93	2.52	101	8	74 - 128	30	
tert-Butylbenzene		2.50	2.92	117	3.17	127	8	65 - 132	30	
Tetrachloroethene		2.50	2.43	97	2.63	105	8	67 - 139	30	
Toluene		2.50	2.78	111	2.98	119	7	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.49	100	2.69	108	8	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.55	102	2.74	110	7	65 - 127	30	
Trichloroethene		2.50	2.67	107	2.84	114	6	77 - 124	30	
Trichlorofluoromethane		2.50	2.64	106	2.86	114	8	49 - 139	30	
Vinyl chloride		2.50	2.78	111	2.95	118	6	58 - 126	30	
Xylenes (total)		7.50	7.88	105	8.48	113	7	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11383 **MS ID:** LCS-11383 **MSD ID:** LCSD-11383

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	4.66	93	4.72	94	1	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.37	95	2.41	96	2	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.70	108	2.66	106	2	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.78	111	2.72	109	2	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.51	101	2.52	101	0	62 - 127	30	
1,1-Dichloroethane		2.50	2.62	105	2.64	106	1	73 - 125	30	
1,1-Dichloroethene		2.50	2.37	95	2.38	95	1	65 - 136	30	
1,1-Dichloropropene		2.50	2.67	107	2.65	106	1	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.43	97	2.41	96	1	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.69	108	2.63	105	2	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.33	93	2.38	95	2	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.93	117	2.90	116	1	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.61	104	2.51	101	4	49 - 135	30	
1,2-Dibromoethane		2.50	2.28	91	2.31	92	1	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.59	104	2.64	106	2	74 - 120	30	
1,2-Dichloroethane		2.50	2.70	108	2.68	107	1	72 - 137	30	
1,2-Dichloropropane		2.50	2.62	105	2.56	102	2	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.84	114	2.86	114	0	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.61	104	2.60	104	0	72 - 124	30	
1,3-Dichloropropane		2.50	2.42	97	2.44	97	1	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.49	100	2.51	100	1	72 - 125	30	
1-Chlorohexane		2.50	2.29	92	2.31	92	1	60 - 135	30	
2,2-Dichloropropane		2.50	2.53	101	2.50	100	1	67 - 134	30	
2-Butanone		5.00	5.58	112	5.66	113	2	40 - 135	30	
2-Chlorotoluene		2.50	2.82	113	2.83	113	0	69 - 128	30	
4-Chlorotoluene		2.50	2.81	112	2.84	114	1	73 - 126	30	
4-Methyl-2-pentanone		5.00	5.11	102	5.24	105	3	47 - 147	30	
Acetone		5.00	6.66	133	6.62	132	1	40 - 141	30	
Benzene		2.50	2.64	105	2.62	105	0	73 - 126	30	
Bromobenzene		2.50	2.56	103	2.60	104	1	66 - 121	30	
Bromochloromethane		2.50	2.31	92	2.31	92	0	71 - 127	30	
Bromodichloromethane		2.50	2.68	107	2.68	107	0	72 - 128	30	
Bromoform		2.50	2.03	81	2.08	83	2	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11383 **MS ID:** LCS-11383 **MSD ID:** LCSD-11383

Calibration ID: 1060

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.33	93	2.31	92	1	45 - 141	30	
Carbon tetrachloride		2.50	2.48	99	2.49	100	0	67 - 133	30	
Chlorobenzene		2.50	2.35	94	2.36	94	1	75 - 123	30	
Chloroethane		2.50	2.57	103	2.53	101	1	41 - 141	30	
Chloroform		2.50	2.58	103	2.55	102	1	72 - 124	30	
Chloromethane		2.50	2.65	106	2.66	106	0	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.46	98	2.48	99	1	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.73	109	2.67	107	2	72 - 126	30	
Dibromochloromethane		2.50	2.32	93	2.31	92	1	66 - 130	30	
Dibromomethane		2.50	2.49	100	2.52	101	1	73 - 128	30	
Dichlorodifluoromethane		2.50	2.60	104	2.60	104	0	34 - 136	30	
Ethylbenzene		2.50	2.52	101	2.54	102	1	74 - 127	30	
Hexachlorobutadiene		2.50	2.40	96	2.36	94	2	53 - 142	30	
Isopropylbenzene		2.50	2.91	116	2.92	117	0	77 - 129	30	
Methyl tert-butyl ether		2.50	2.66	106	2.70	108	1	50 - 135	30	
Methylene chloride		2.50	2.31	92	2.31	92	0	63 - 137	30	
n-Butylbenzene		2.50	2.84	114	2.82	113	1	65 - 138	30	
n-Propylbenzene		2.50	2.93	117	2.93	117	0	63 - 135	30	
Naphthalene		2.50	2.45	98	2.48	99	1	51 - 135	30	
o-Xylene		2.50	2.33	93	2.40	96	3	77 - 125	30	
p-Isopropyltoluene		2.50	2.90	116	2.87	115	1	75 - 133	30	
sec-Butylbenzene		2.50	2.95	118	2.94	117	1	63 - 132	30	
Styrene		2.50	2.09	84	2.13	85	2	74 - 128	30	
tert-Butylbenzene		2.50	2.76	110	2.75	110	0	65 - 132	30	
Tetrachloroethene		2.50	2.24	90	2.22	89	1	67 - 139	30	
Toluene		2.50	2.70	108	2.68	107	1	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.42	97	2.40	96	1	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.48	99	2.47	99	0	65 - 127	30	
Trichloroethene		2.50	2.58	103	2.50	100	3	77 - 124	30	
Trichlorofluoromethane		2.50	2.72	109	2.66	107	2	49 - 139	30	
Vinyl chloride		2.50	2.75	110	2.74	110	0	58 - 126	30	
Xylenes (total)		7.50	6.98	93	7.12	95	2	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11407 **MS ID:** LCS-11407 **MSD ID:** LCSD-11407

Calibration ID: 1078

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		5.00	5.01	100	5.04	101	0	79 - 126	30	
1,1,1,2-Tetrachloroethane		2.50	2.68	107	2.62	105	2	74 - 125	30	
1,1,1-Trichloroethane		2.50	2.39	95	2.45	98	3	68 - 130	30	
1,1,2,2-Tetrachloroethane		2.50	2.40	96	2.36	94	1	59 - 140	30	
1,1,2-Trichloroethane		2.50	2.61	104	2.59	104	1	62 - 127	30	
1,1-Dichloroethane		2.50	2.53	101	2.65	106	5	73 - 125	30	
1,1-Dichloroethene		2.50	2.60	104	2.69	108	3	65 - 136	30	
1,1-Dichloropropene		2.50	2.64	106	2.68	107	1	70 - 135	30	
1,2,3-Trichlorobenzene		2.50	2.35	94	2.48	99	5	62 - 133	30	
1,2,3-Trichloropropane		2.50	2.65	106	2.61	104	1	63 - 130	30	
1,2,4-Trichlorobenzene		2.50	2.41	97	2.53	101	5	65 - 131	30	
1,2,4-Trimethylbenzene		2.50	2.59	104	2.64	106	2	65 - 135	30	
1,2-Dibromo-3-chloropropane		2.50	2.25	90	2.29	92	2	49 - 135	30	
1,2-Dibromoethane		2.50	2.57	103	2.58	103	0	70 - 124	30	
1,2-Dichlorobenzene		2.50	2.50	100	2.57	103	3	74 - 120	30	
1,2-Dichloroethane		2.50	2.44	98	2.46	98	1	72 - 137	30	
1,2-Dichloropropane		2.50	2.59	104	2.60	104	0	71 - 120	30	
1,3,5-Trimethylbenzene		2.50	2.56	102	2.64	106	3	65 - 133	30	
1,3-Dichlorobenzene		2.50	2.47	99	2.52	101	2	72 - 124	30	
1,3-Dichloropropane		2.50	2.47	99	2.47	99	0	76 - 123	30	
1,4-Dichlorobenzene		2.50	2.50	100	2.51	100	1	72 - 125	30	
1-Chlorohexane		2.50	2.73	109	2.70	108	1	60 - 135	30	
2,2-Dichloropropane		2.50	2.21	88	2.24	90	1	67 - 134	30	
2-Butanone		5.00	4.57	91	4.63	93	1	40 - 135	30	
2-Chlorotoluene		2.50	2.47	99	2.94	118	17	69 - 128	30	
4-Chlorotoluene		2.50	2.39	95	2.07	83	14	73 - 126	30	
4-Methyl-2-pentanone		5.00	5.04	101	4.96	99	2	47 - 147	30	
Acetone		5.00	4.11	82	4.21	84	3	40 - 141	30	
Benzene		2.50	2.51	100	2.54	102	1	73 - 126	30	
Bromobenzene		2.50	2.48	99	2.58	103	4	66 - 121	30	
Bromochloromethane		2.50	2.56	102	2.60	104	2	71 - 127	30	
Bromodichloromethane		2.50	2.45	98	2.50	100	2	72 - 128	30	
Bromoform		2.50	2.35	94	2.41	96	3	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11407 **MS ID:** LCS-11407 **MSD ID:** LCSD-11407

Calibration ID: 1078

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		2.50	2.39	96	2.48	99	4	45 - 141	30	
Carbon tetrachloride		2.50	2.44	97	2.49	100	2	67 - 133	30	
Chlorobenzene		2.50	2.43	97	2.51	100	3	75 - 123	30	
Chloroethane		2.50	2.60	104	2.56	102	2	41 - 141	30	
Chloroform		2.50	2.56	102	2.60	104	2	72 - 124	30	
Chloromethane		2.50	2.43	97	2.49	100	2	51 - 129	30	
cis-1,2-Dichloroethene		2.50	2.51	101	2.62	105	4	67 - 125	30	
cis-1,3-Dichloropropene		2.50	2.42	97	2.40	96	1	72 - 126	30	
Dibromochloromethane		2.50	2.41	97	2.41	96	0	66 - 130	30	
Dibromomethane		2.50	2.54	102	2.57	103	1	73 - 128	30	
Dichlorodifluoromethane		2.50	2.46	99	2.50	100	1	34 - 136	30	
Ethylbenzene		2.50	2.54	102	2.62	105	3	74 - 127	30	
Hexachlorobutadiene		2.50	2.56	103	2.67	107	4	53 - 142	30	
Isopropylbenzene		2.50	2.56	102	2.64	106	3	77 - 129	30	
Methyl tert-butyl ether		2.50	2.53	101	2.54	102	1	50 - 135	30	
Methylene chloride		2.50	2.44	98	2.33	93	5	63 - 137	30	
n-Butylbenzene		2.50	2.55	102	2.62	105	3	65 - 138	30	
n-Propylbenzene		2.50	2.64	106	2.73	109	3	63 - 135	30	
Naphthalene		2.50	2.37	95	2.36	94	0	51 - 135	30	
o-Xylene		2.50	2.58	103	2.61	104	1	77 - 125	30	
p-Isopropyltoluene		2.50	2.34	94	2.39	96	2	75 - 133	30	
sec-Butylbenzene		2.50	2.61	104	2.68	107	3	63 - 132	30	
Styrene		2.50	2.60	104	2.67	107	3	74 - 128	30	
tert-Butylbenzene		2.50	2.56	103	2.61	104	2	65 - 132	30	
Tetrachloroethene		2.50	2.60	104	2.62	105	1	67 - 139	30	
Toluene		2.50	2.64	106	2.64	105	0	71 - 127	30	
trans-1,2-Dichloroethene		2.50	2.54	102	2.56	102	1	66 - 134	30	
trans-1,3-Dichloropropene		2.50	2.36	94	2.33	93	1	65 - 127	30	
Trichloroethene		2.50	2.70	108	2.72	109	1	77 - 124	30	
Trichlorofluoromethane		2.50	2.58	103	2.63	105	2	49 - 139	30	
Vinyl chloride		2.50	1.80	72	2.31	92	24	58 - 126	30	
Xylenes (total)		7.50	7.60	101	7.64	102	1	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11301

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB31-01	0709164-001A	27-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	6.5	
AOC9-SB31-03	0709164-003A	27-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	6.4	
AOC9-SB32-01	0709164-004A	27-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	6.2	
AOC9-SB32-03	0709164-006A	27-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	6.2	
AOC9-SB42-01	0709164-007A	27-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	6.2	
AOC9-SB42-02	0709164-008A	27-Sep-07	27-Sep-07	03-Oct-07			03-Oct-07	14	6.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11322

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB31-01 RA	0709164-001ARA	27-Sep-07	27-Sep-07	04-Oct-07			04-Oct-07	14	7.2	
AOC9-SB42-01 DL	0709164-007ADL	27-Sep-07	27-Sep-07	04-Oct-07			04-Oct-07	14	7.1	
AOC9-SB42-02 RA	0709164-008ARA	27-Sep-07	27-Sep-07	04-Oct-07			04-Oct-07	14	7.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** 6271

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-SB31-02	0709164-002B	27-Sep-07	27-Sep-07	01-Oct-07	14	4.2	03-Oct-07	14	2.1	
AOC9-SB31-02 DL	0709164-002BDL	27-Sep-07	27-Sep-07	01-Oct-07	14	4.2	10-Oct-07	14	8.5	
AOC9-SB32-02	0709164-005B	27-Sep-07	27-Sep-07	01-Oct-07	14	4.2	10-Oct-07	14	8.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11 **Calibration ID:** 1060

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB092507A1	TB092507A1	25-Sep-07	9:44	25-Sep-07	10:50
ICAL 0.3 PPB	ICAL 0.3 PPB	25-Sep-07	10:50	25-Sep-07	11:23
ICAL 0.5 PPB	ICAL 0.5 PPB	25-Sep-07	11:23	25-Sep-07	11:56
ICAL 2.0 PPB	ICAL 2.0 PPB	25-Sep-07	11:56	25-Sep-07	12:30
ICAL 10 PPB	ICAL 10 PPB	25-Sep-07	12:30	25-Sep-07	13:03
ICAL 20 PPB	ICAL 20 PPB	25-Sep-07	13:03	25-Sep-07	13:36
ICAL 30 PPB	ICAL 30 PPB	25-Sep-07	13:36	25-Sep-07	14:10
ICAL 40 PPB	ICAL 40 PPB	25-Sep-07	14:10	25-Sep-07	15:17
ICV-11177	ICV-11177	25-Sep-07	15:17	25-Sep-07	15:17
TB100107A1	TB100107A1	01-Oct-07	13:13	01-Oct-07	13:42
CCV-11383	CCV-11383	01-Oct-07	13:42	01-Oct-07	14:16
LCS-11383	LCS-11383	01-Oct-07	14:16	01-Oct-07	14:50
LCSD-11383	LCSD-11383	01-Oct-07	14:50	01-Oct-07	15:57
MB-11383	MB-11383	01-Oct-07	15:57	01-Oct-07	18:10
MB-6271	MB-6271	01-Oct-07	18:10	01-Oct-07	18:10
TB100207A1	TB100207A1	02-Oct-07	8:38	02-Oct-07	9:08
CCV-11325	CCV-11325	02-Oct-07	9:08	02-Oct-07	9:41
TB100307A1	TB100307A1	03-Oct-07	8:07	03-Oct-07	8:37
CCV-11365	CCV-11365	03-Oct-07	8:37	03-Oct-07	9:10
LCS-11365	LCS-11365	03-Oct-07	9:10	03-Oct-07	9:43
LCSD-11365	LCSD-11365	03-Oct-07	9:43	03-Oct-07	10:50
MB-11365	MB-11365	03-Oct-07	10:50	03-Oct-07	16:59
AOC9-SB31-02	0709164-002B	03-Oct-07	16:59	03-Oct-07	16:59

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS02_12 **Calibration ID:** 1078

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB100907A2	TB100907A2	09-Oct-07	10:05	09-Oct-07	11:12
ICAL 0.3 ppb	ICAL 0.3 ppb	09-Oct-07	11:12	09-Oct-07	11:50
ICAL 0.5 ppb	ICAL 0.5 ppb	09-Oct-07	11:50	09-Oct-07	12:29
ICAL 2.0 ppb	ICAL 2.0 ppb	09-Oct-07	12:29	09-Oct-07	13:07
ICAL 10 ppb	ICAL 10 ppb	09-Oct-07	13:07	09-Oct-07	13:45
ICAL 20 ppb	ICAL 20 ppb	09-Oct-07	13:45	09-Oct-07	14:24
ICAL 30 ppb	ICAL 30 ppb	09-Oct-07	14:24	09-Oct-07	15:02
ICAL 40 ppb	ICAL 40 ppb	09-Oct-07	15:02	09-Oct-07	16:19
ICV-11406	ICV-11406	09-Oct-07	16:19	09-Oct-07	16:19
TB100907B2	TB100907B2	09-Oct-07	17:56	09-Oct-07	18:26
CCV-11407	CCV-11407	09-Oct-07	18:26	09-Oct-07	19:04
LCS-11407	LCS-11407	09-Oct-07	19:04	09-Oct-07	19:42
LCSD-11407	LCSD-11407	09-Oct-07	19:42	09-Oct-07	20:59
MB-11407	MB-11407	09-Oct-07	20:59	10-Oct-07	2:44
AOC9-SB31-02 DL	0709164-002BDL	10-Oct-07	2:44	10-Oct-07	3:22
AOC9-SB32-02	0709164-005B	10-Oct-07	3:22	10-Oct-07	3:22

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10 **Calibration ID:** 1056

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB091407A3	TB091407A3	14-Sep-07	4:33	14-Sep-07	5:11
ICAL 2.0PPB	ICAL 2.0PPB	14-Sep-07	5:11	14-Sep-07	5:47
ICAL 5.0PPB	ICAL 5.0PPB	14-Sep-07	5:47	14-Sep-07	6:57
ICAL 50.0PPB	ICAL 50.0PPB	14-Sep-07	6:57	14-Sep-07	7:31
ICAL 100.0PP	ICAL 100.0PPB	14-Sep-07	7:31	14-Sep-07	8:05
ICAL 150.0PP	ICAL 150.0PPB	14-Sep-07	8:05	14-Sep-07	8:39
ICAL 200.0PP	ICAL 200.0PPB	14-Sep-07	8:39	14-Sep-07	13:49
ICAL 20.0PPB	ICAL 20.0PPB	14-Sep-07	13:49	17-Oct-07	11:46
TB100307A3	TB100307A3	03-Oct-07	10:19	03-Oct-07	10:55
CCV-11301	CCV-11301	03-Oct-07	10:55	03-Oct-07	11:35
LCS-11301	LCS-11301	03-Oct-07	11:35	03-Oct-07	12:10
LCSD-11301	LCSD-11301	03-Oct-07	12:10	03-Oct-07	13:18
MB-11301	MB-11301	03-Oct-07	13:18	03-Oct-07	13:52
AOC9-SB32-01	0709164-004A	03-Oct-07	13:52	03-Oct-07	14:26
AOC9-SB32-03	0709164-006A	03-Oct-07	14:26	03-Oct-07	15:01
AOC9-SB42-01	0709164-007A	03-Oct-07	15:01	03-Oct-07	15:35
AOC9-SB42-02	0709164-008A	03-Oct-07	15:35	03-Oct-07	17:52
AOC9-SB31-03	0709164-003A	03-Oct-07	17:52	03-Oct-07	19:00
AOC9-SB31-01	0709164-001A	03-Oct-07	19:00	03-Oct-07	19:00
TB100407A3	TB100407A3	04-Oct-07	5:58	04-Oct-07	6:27
CCV-11322	CCV-11322	04-Oct-07	6:27	04-Oct-07	7:04
LCS-11322	LCS-11322	04-Oct-07	7:04	04-Oct-07	7:38
LCSD-11322	LCSD-11322	04-Oct-07	7:38	04-Oct-07	8:47
MB-11322	MB-11322	04-Oct-07	8:47	04-Oct-07	12:25
AOC9-SB42-02 RA	0709164-008ARA	04-Oct-07	12:25	04-Oct-07	12:59
AOC9-SB31-01 RA	0709164-001ARA	04-Oct-07	12:59	04-Oct-07	13:33
AOC9-SB42-01 DL	0709164-007ADL	04-Oct-07	13:33	04-Oct-07	13:33
ICV-11072	ICV-11072	17-Oct-07	11:46	17-Oct-07	11:46

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070914A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	9/14/2007 4:33:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4289.D
Compound:	SW8260B	**Sample ID:**	TB091407A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.5	
75	30 - 60% of m/z 95	51.3	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.5	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	78.8	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.7	
177	5 - 9% of m/z 176	6.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071003A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/3/2007 10:19:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4636.D
Compound:	SW8260B	**Sample ID:**	TB100307A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.3	
75	30 - 60% of m/z 95	51.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.9	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	78.1	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	96.5	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071004A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/4/2007 5:58:00 AM
Initial Calibration ID:	1056	**File ID:**	C:\HPCHEM\1\DATA\J4656.D
Compound:	SW8260B	**Sample ID:**	TB100407A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.1	
75	30 - 60% of m/z 95	52.7	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	76.5	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	97.4	
177	5 - 9% of m/z 176	6.5	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070925A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	9/25/2007 9:44:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0468.D
Compound:	SW8260B	**Sample ID:**	TB092507A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.3	
75	30 - 60% of m/z 95	53.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	70.2	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	97.9	
177	5 - 9% of m/z 176	6.7	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071001D
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/1/2007 1:13:00 PM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0612.D
Compound:	SW8260B	**Sample ID:**	TB100107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	24.5	
75	30 - 60% of m/z 95	56.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.8	
174	Greater than 50% of m/z 95	70.4	
175	5 - 9% of m/z 174	6.4	
176	Greater than 95% but less than 101% of m/z 174	95.4	
177	5 - 9% of m/z 176	6.1	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_071003B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	10/3/2007 8:07:00 AM
Initial Calibration ID:	1060	**File ID:**	C:\HPCHEM\1\DATA\T0657.D
Compound:	SW8260B	**Sample ID:**	TB100307A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	23.2	
75	30 - 60% of m/z 95	56.5	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.3	
173	Less than 2% of m/z 174	0.7	
174	Greater than 50% of m/z 95	68.2	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	97.4	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_071009A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	10/9/2007 10:05:00 AM
Initial Calibration ID:	1078	**File ID:**	C:\HPCHEM\1\DATA\M2774.D
Compound:	SW8260B	**Sample ID:**	TB100907A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	26.9	
75	30 - 60% of m/z 95	55.4	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.1	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	57.6	
175	5 - 9% of m/z 174	6.6	
176	Greater than 95% but less than 101% of m/z 174	99.2	
177	5 - 9% of m/z 176	6.6	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS02_12_071009B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS02_12	**Injection Date/Time:**	10/9/2007 5:56:00 PM
Initial Calibration ID:	1078	**File ID:**	C:\HPCHEM\1\DATA\M2784.D
Compound:	SW8260B	**Sample ID:**	TB100907B2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	26.5	
75	30 - 60% of m/z 95	53.7	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	62.8	
175	5 - 9% of m/z 174	6.9	
176	Greater than 95% but less than 101% of m/z 174	97.0	
177	5 - 9% of m/z 176	6.0	

Wet Chemistry Data

Life Science Laboratories, Inc.

Date: *03-Oct-07*

CLIENT: Ecology & Environment, Inc.
Lab Order: 0709164
Project: Griffiss AFB

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
AOC9-SB31-01	0709164-001C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	10.1
AOC9-SB31-02	0709164-002C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	16.6
AOC9-SB31-03	0709164-003C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	16.1
AOC9-SB32-01	0709164-004C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	6.10
AOC9-SB32-02	0709164-005C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	18.4
AOC9-SB32-03	0709164-006C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	14.6
AOC9-SB42-01	0709164-007C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	17.9
AOC9-SB42-02	0709164-008C	wt%	9/27/2007	9/27/2007	9/27/2007	R11223	13.7

Life Science Laboratories - Brittonfield

Percent Moisture DataSheet SM 2540 G

Analysis Date:	September 27, 2007
Batch ID:	R11223
LOQ/RL/PQL	1

Instrument ID:	Denver APX-200

#	LSL ID	Client ID	Sample Type		Dish Wt (g)	Dish Wt + Wet Samp (g)	Dish Wt +Dried Samp (g)		% Moisture	Dish Wt +Ashed Samp @ 550°C (g)		% Volatile Solids
1	CONTROL				1.2896		1.2892					
2	0709155-001A	[redacted]	SAMP		1.2748	8.5057	7.6879		11.31			
3	0709164-001C	E & E	SAMP		1.2874	7.1726	6.5775		10.11			
4	0709164-001CDUP	E & E	DUP		1.2901	7.1131	6.5362		9.91			
5	0709164-002C	E & E	SAMP		1.2937	7.3566	6.3504		16.60			
6	0709164-003C	E & E	SAMP		1.2967	7.8030	6.7549		16.11			
7	0709164-004C	E & E	SAMP		1.2843	7.2295	6.8691		6.06			
8	0709164-005C	E & E	SAMP		1.2923	8.0971	6.8479		18.36			
9	0709164-006C	E & E	SAMP		1.2858	7.2381	6.3705		14.58			
10	0709164-007C	E & E	SAMP		1.2869	8.4571	7.1734		17.90			
11	0709164-008C	E & E	SAMP		1.2878	7.7918	6.8988		13.73			
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

Comments:

	Weight #1
Time on:	3:00
Oven Temp on:	103.0°C
Time Off:	8:15
Oven Temp off:	100.0°C
Oven Date Off:	09/28/07

Prep Start Date:	09/27/07
Prep Start Time:	2:00:00
Prep End Time:	2:45:00
Analyte	PMOIST

Analyst: [signature]

Date: 9/27/07

Reviewed by: [signature]

Date: 9/28/07

QA Auth | Calc SEQ | Rslts

VAL	SeqNo	SampID	SampType	Analyte	Final Wt	RawVal	CalcVal	TextRslt	Qual
☐	305828	0709155-001A	SAMP	Percent Moisture	0	11.3	11.3		
☐	305829	0709164-001C	SAMP	Percent Moisture	0	10.1	10.1		
☐	305830	0709164-001CDUP	DUP	Percent Moisture	0	9.9	9.9		
☐	305831	0709164-002C	SAMP	Percent Moisture	0	16.6	16.6		
☐	305832	0709164-003C	SAMP	Percent Moisture	0	16.1	16.1		
☐	305833	0709164-004C	SAMP	Percent Moisture	0	6.1	6.1		
☐	305834	0709164-005C	SAMP	Percent Moisture	0	18.4	18.4		
☐	305835	0709164-006C	SAMP	Percent Moisture	0	14.6	14.6		
☐	305836	0709164-007C	SAMP	Percent Moisture	0	17.9	17.9		
☐	305837	0709164-008C	SAMP	Percent Moisture	0	13.7	13.7		

DP 9/27/07

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Tuesday, October 23, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0710111

Dear Robert Meyers:

Life Science Laboratories, Inc. received 1 sample(s) on 10/16/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperature of the cooler was 1.8°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Percent Moisture	ASTM D2216	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0710111
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): JK 10/24/07

Supervisor/Reviewed by (Initials/Date): JW 10-24-07

QA/QC Review (Initials/Date): BJ Sikes 10/24/07

File Name: G:\Narratives\MSVoa\0710111msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
All initial calibrations met method and/or project specific QC criteria.

The following continuing calibration compound(s) exceeded method percent drift criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-11579	MS #3	Chloromethane	37.0		1
		Chloroethane	31.3		1
		1,1-Dichloroethene	-22.6		2

1 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. Allowed by project variance. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0710111
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): JC 10/24/07

Supervisor/Reviewed by (Initials/Date): DW 10-24-07

QA/QC Review (Initials/Date): DJS 10/24/07

File Name: G:\Narratives\MSVoa\0710111msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
All initial calibrations met method and/or project specific QC criteria.

The following continuing calibration compound(s) exceeded method percent drift criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-11579	MS #3	Chloromethane	37.0		1
		Chloroethane	31.3		1
		1,1-Dichlooethene	-22.6		2

1 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. Allowed by project variance. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Date: *23-Oct-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0710111

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0710111-001A	AOC9-TP1-6.5'		10/16/2007	10/16/2007
0710111-001B	AOC9-TP1-6.5'		10/16/2007	10/16/2007
0710111-001C	AOC9-TP1-6.5'		10/16/2007	10/16/2007

Lab Order: 0710111
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0710111-001A	AOC9-TP1-6.5'	10/16/2007 8:46:00 AM	Soil	Volatile Organic Compounds by GC/MS			10/22/2007
0710111-001C				Percent Moisture			10/18/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: Ecology & Environment Eng. P.C.
Project: Additional AOC9 PDI (former Griffiss AFB)
Sampled by: Robert A Meyers
Client Contact: Robert Meyers Phone # 716-684-8060

Sample Description

Sample Location/ID	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's (8260B)	Comments
AOC9-TP1-6.5'	10-16-07	0846	Soil	G	5	✓	PID = 0ppm

Relinquished by: Robert A Meyers Date: 10-16-07 Time: 1555
Relinquished by: Date: Time:
Relinquished by: Date: Time:
Shipment Method:

Received by: Date: Time:
Received by: Date: Time:
Received by Lab: Monika Santucci Date: 10/16/07 Time: 3:55pm
Airbill Number:

Turnaround Time Required:
Routine
Rush (Specify) 7 day

Temperature: 1.8 °C on ICE
Custody Seal INTACT

Comments: One Sample "AOC9-TP1-6.5' Collected.
Temp. Blank Included.

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: E & E

Date and Time Received: 10/16/2007 3:55:00 PM

Work Order Number 0710111

Received by: MS

Checklist completed by: _____ Initials _____ Date 10/16/07

Reviewed by: MS Initials 10/17/07 Date

Matrix: Carrier name: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project 0710111

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0710111-001	C		JL	10/18/07 8:30	PMOIST	10/18/07 16:00
0710111-001	A		JK	10/22/07 9:00	8260	10/22/07 11:00

G:\QAQC\forms\GeneralLaboratory\Sign out.xls

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TP1-6.5'	0710111-001A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 10/24/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11579
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TP1-6.5'	**Lab Sample ID:**	0710111-001A	**Matrix:**	Soil
% Solids:	79.90	**Initial Calibration ID:**	1085	**File ID:**	J4881.D
Date Received:	16-Oct-07	**Date Extracted:**		**Date Analyzed:**	22-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.07 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.00016	0.00620	0.00016	0.99		U
1,1,1,2-Tetrachloroethane	0.00020	0.00372	0.00020	0.99		U
1,1,1-Trichloroethane	0.00017	0.00620	0.00017	0.99		U
1,1,2,2-Tetrachloroethane	0.00017	0.00372	0.00017	0.99		U
1,1,2-Trichloroethane	0.00031	0.00620	0.00031	0.99		U
1,1-Dichloroethane	0.00010	0.00620	0.00010	0.99		U
1,1-Dichloroethene	0.00019	0.00743	0.00019	0.99		U
1,1-Dichloropropene	0.00024	0.00620	0.00024	0.99		U
1,2,3-Trichlorobenzene	0.00051	0.00620	0.00051	0.99		U
1,2,3-Trichloropropane	0.00028	0.00620	0.00028	0.99		U
1,2,4-Trichlorobenzene	0.00041	0.00620	0.00041	0.99		U
1,2,4-Trimethylbenzene	0.00007	0.00743	0.00007	0.99		U
1,2-Dibromo-3-chloropropane	0.00038	0.0124	0.00038	0.99		U
1,2-Dibromoethane	0.00010	0.00620	0.00010	0.99		U
1,2-Dichlorobenzene	0.00007	0.00620	0.00007	0.99		U
1,2-Dichloroethane	0.00014	0.00372	0.00014	0.99		U
1,2-Dichloropropane	0.00027	0.00620	0.00027	0.99		U
1,3,5-Trimethylbenzene	0.00010	0.00620	0.00010	0.99		U
1,3-Dichlorobenzene	0.00014	0.00743	0.00014	0.99		U
1,3-Dichloropropane	0.00011	0.00310	0.00011	0.99		U
1,4-Dichlorobenzene	0.00007	0.00310	0.00007	0.99		U
1-Chlorohexane	0.00020	0.00620	0.00020	0.99		U
2,2-Dichloropropane	0.00016	0.00620	0.00016	0.99		U
2-Butanone	0.00052	0.0248	0.00052	0.99		U
2-Chlorotoluene	0.00005	0.00620	0.00005	0.99		U
4-Chlorotoluene	0.00009	0.00620	0.00009	0.99		U
4-Methyl-2-pentanone	0.00040	0.0248	0.00040	0.99		U
Acetone	0.00037	0.0620	0.00037	0.99		U
Benzene	0.00006	0.00310	0.00006	0.99		U
Bromobenzene	0.00019	0.00620	0.00019	0.99		U
Bromochloromethane	0.00025	0.00620	0.00025	0.99		U
Bromodichloromethane	0.00007	0.00310	0.00007	0.99		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11579
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TP1-6.5'	**Lab Sample ID:**	0710111-001A	**Matrix:**	Soil
% Solids:	79.90	**Initial Calibration ID:**	1085	**File ID:**	J4881.D
Date Received:	16-Oct-07	**Date Extracted:**		**Date Analyzed:**	22-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.07 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.00021	0.00743	0.00021	0.99		U
Bromomethane	0.00016	0.0124	0.00016	0.99		U
Carbon tetrachloride	0.00015	0.00620	0.00015	0.99		U
Chlorobenzene	0.00009	0.00310	0.00009	0.99		U
Chloroethane	0.00031	0.00620	0.00031	0.99		UQ
Chloroform	0.00009	0.00310	0.00009	0.99		U
Chloromethane	0.00038	0.00620	0.00038	0.99		UQ
cis-1,2-Dichloroethene	0.00020	0.00620	0.00020	0.99		U
cis-1,3-Dichloropropene	0.00011	0.00372	0.00011	0.99		U
Dibromochloromethane	0.00009	0.00372	0.00009	0.99		U
Dibromomethane	0.00015	0.00620	0.00015	0.99		U
Dichlorodifluoromethane	0.00010	0.00620	0.00010	0.99		U
Ethylbenzene	0.00016	0.00620	0.00016	0.99		U
Hexachlorobutadiene	0.00047	0.00372	0.00047	0.99		U
Isopropylbenzene	0.00006	0.00620	0.00006	0.99		U
Methyl tert-butyl ether	0.00016	0.0248	0.00016	0.99		U
Methylene chloride	0.00074	0.00620	0.00074	0.99		U
n-Butylbenzene	0.00016	0.00620	0.00016	0.99		U
n-Propylbenzene	0.00004	0.00620	0.00004	0.99		U
Naphthalene	0.00026	0.00620	0.00026	0.99		U
o-Xylene	0.00021	0.00620	0.00021	0.99		U
p-Isopropyltoluene	0.00021	0.00743	0.00021	0.99		U
sec-Butylbenzene	0.00006	0.00620	0.00006	0.99		U
Styrene	0.00015	0.00620	0.00015	0.99		U
tert-Butylbenzene	0.00010	0.00620	0.00010	0.99		U
Tetrachloroethene	0.00014	0.00620	0.0385	0.99		
Toluene	0.00006	0.00620	0.00006	0.99		U
trans-1,2-Dichloroethene	0.00015	0.00620	0.00015	0.99		U
trans-1,3-Dichloropropene	0.00019	0.00620	0.00019	0.99		U
Trichloroethene	0.00015	0.00620	0.00457	0.99		F
Trichlorofluoromethane	0.00010	0.00620	0.00010	0.99		U
Vinyl chloride	0.00016	0.00620	0.00016	0.99		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R11579
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TP1-6.5'	**Lab Sample ID:**	0710111-001A	**Matrix:**	Soil
% Solids:	79.90	**Initial Calibration ID:**	1085	**File ID:**	J4881.D
Date Received:	16-Oct-07	**Date Extracted:**		**Date Analyzed:**	22-Oct-07
Concentration Units (ug/L or mg/Kg dry weight):	mg/Kg			**Sample Size:**	5.07 g

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.00037	0.00620	0.00037	0.99		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	52 - 149	
4-Bromofluorobenzene	93	84 - 118	
Dibromofluoromethane	95	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	929739	482869 - 1931476	
Chlorobenzene-d5	1566499	736478 - 2945912	
Fluorobenzene	4164863	1857082 - 7428330	

Comments:

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 19 October 07

Initial Calibration ID: 1085

Concentration Units (ug/L or mg/Kg): mg/Kg

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\JO19VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:25:53 2007
Response via : Initial Calibration

ICAL # 1085

Calibration Files
2.0 =J4863.D 5.0 =J4864.D 20 =J4865.D
50 =J4866.D 100 =J4867.D 150 =J4868.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
1)	I	Fluorobenzene	----------	ISTD	----------					
2)		Dichlorodifluoromet	0.369	0.357	0.341	0.368	0.380	0.399	0.366	5.36
3)	P	Chloromethane	0.374	0.354	0.321	0.330	0.311		0.338	7.60
4)	CP	Vinyl chloride	0.356	0.353	0.344	0.367	0.377	0.242	0.341	13.22
5)		Bromomethane	0.318	0.274	0.218	0.215	0.225	0.263	0.250	14.96
6)		Chloroethane	0.205	0.209	0.187	0.210	0.166		0.195	9.68
7)		Trichlorofluorometh	0.546	0.540	0.523	0.556	0.566	0.558	0.541	4.23
8)		Acetone	0.084	0.087	0.084	0.079	0.086	0.072	0.083	7.04
9)		Acrolein	0.050	0.057	0.058	0.058	0.058	0.049	0.055	7.09
10)	CPM	1,1-Dichloroethene	0.225	0.228	0.218	0.231	0.226	0.309	0.239	13.16
11)		Methyl iodide	0.074	0.095	0.171	0.249	0.268		0.171	51.03
12)		1,1,2-Trichloro-1,2	0.203	0.223	0.230	0.248	0.240		0.229	7.51
13)		Methyl acetate	0.169	0.174	0.196	0.192	0.187	0.170	0.186	8.50
14)		Acrylonitrile	0.090	0.108	0.110	0.108	0.108	0.096	0.104	7.29
15)		Methylene chloride	0.454	0.354	0.278	0.272	0.260	0.257	0.306	24.02
16)		Carbon disulfide	0.798	0.790	0.762	0.827	0.859	0.996	0.828	9.78
17)		trans-1,2-Dichloroe	0.259	0.258	0.246	0.258	0.251	0.255	0.256	2.22
18)		Methyl tert-Butyl e	0.760	0.812	0.792	0.794	0.755	0.737	0.776	3.39
19)	P	1,1-Dichloroethane	0.418	0.450	0.440	0.454	0.434	0.436	0.438	2.69
20)		Vinyl acetate	0.422	0.432	0.435	0.503	0.511	0.477	0.464	7.66
21)		2-Butanone	0.137	0.157	0.153	0.147	0.143	0.139	0.147	5.24
22)		cis-1,2-Dichloroeth	0.291	0.306	0.282	0.295	0.289	0.296	0.295	2.99
23)		Bromochloromethane	0.109	0.124	0.121	0.127	0.127	0.135	0.127	9.40
24)	CP	Chloroform	0.425	0.452	0.438	0.450	0.439	0.446	0.444	2.34
25)		2,2-Dichloropropane	0.333	0.354	0.361	0.380	0.363	0.378	0.362	4.35
26)		Cyclohexane	0.402	0.429	0.438	0.463	0.446	0.458	0.441	4.67
27)	S	Dibromofluoromethan	0.214	0.224	0.214	0.225	0.224	0.236	0.226	5.14
28)	S	1,2-Dichloroethane-	0.297	0.311	0.289	0.287	0.276	0.274	0.289	4.38
29)		1,2-Dichloroethane	0.321	0.345	0.344	0.345	0.329	0.334	0.337	2.72
30)		1,1,1-Trichloroetha	0.350	0.380	0.383	0.410	0.401	0.426	0.396	6.72
31)		1,1-Dichloropropene	0.317	0.330	0.336	0.352	0.350	0.361	0.344	4.72
32)		Carbon tetrachlorid	0.223	0.231	0.244	0.292	0.302	0.318	0.275	14.77
33)	M	Benzene	1.087	1.146	1.110	1.142	1.095	1.104	1.100	4.04
34)	M	Trichloroethene	0.245	0.262	0.271	0.278	0.277	0.297	0.277	7.95
35)		Dibromomethane	0.143	0.157	0.161	0.162	0.158	0.164	0.160	5.70
36)		Methylcyclohexane	0.425	0.437	0.458	0.487	0.481	0.525	0.476	8.15
37)	CP	1,2-Dichloropropane	0.248	0.263	0.259	0.265	0.254	0.265	0.260	2.50
38)		Bromodichloromethan	0.276	0.307	0.323	0.339	0.339	0.357	0.329	9.14
39)		2-Chloroethylvinyl		0.002	0.006	0.008	0.010	0.010	0.008	41.64 Qual.
40)		4-Methyl-2-pentanon	0.248	0.292	0.308	0.312	0.282	0.277	0.288	7.56
41)		cis-1,3-Dichloropro	0.357	0.402	0.425	0.445	0.436	0.461	0.427	8.64
42)	S	Toluene-d8	0.969	0.976	0.932	0.958	0.907	0.985	0.947	3.54
43)	CPM	Toluene	0.688	0.714	0.696	0.723	0.684	0.768	0.714	4.05

(#) = Out of Range ### Number of calibration levels exceeded format ###

10/23/07

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\JO19VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:25:53 2007
Response via : Initial Calibration

Calibration Files
2.0 =J4863.D 5.0 =J4864.D 20 =J4865.D
50 =J4866.D 100 =J4867.D 150 =J4868.D

		Compound	2.0	5.0	20	50	100	150	Avg	%RSD
44)		trans-1,3-Dichlorop	0.312	0.364	0.386	0.404	0.399	0.427	0.390	10.88
45)		1,1,2-Trichloroetha	0.182	0.208	0.202	0.206	0.197	0.207	0.203	5.41
46)		2-Hexanone	0.171	0.199	0.216	0.224	0.207	0.206	0.206	8.63
47)	I	Chlorobenzene-d5	----------	ISTD	----------					
48)		1,2-Dibromoethane	0.517	0.591	0.596	0.606	0.594	0.572	0.586	5.86
49)		1,3-Dichloropropane	0.994	1.110	1.067	1.067	1.034	0.981	1.040	4.34
50)		Dibromochloromethan	0.431	0.489	0.547	0.600	0.629	0.628	0.554	14.57
51)		Tetrachloroethene	0.502	0.526	0.529	0.563	0.583	0.627	0.570	10.04
52)		1-Chlorohexane	0.855	0.827	0.867	0.922	0.887	0.961	0.890	5.08
53)		1,1,1,2-Tetrachloro	0.477	0.532	0.538	0.572	0.588	0.607	0.565	9.68
54)	PM	Chlorobenzene	1.747	1.875	1.793	1.862	1.816	1.958	1.849	3.74
55)	CP	Ethylbenzene	3.034	3.293	3.189	3.286	3.066	3.086	3.090	6.76
56)		(m+p)-Xylene	1.062	1.144	1.160	1.219	1.164	1.281	1.169	5.77
57)		o-Xylene	1.013	1.128	1.141	1.179	1.122	1.266	1.155	7.23
58)		Styrene	1.403	1.591	1.691	1.794	1.718	1.898	1.698	9.51
59)	P	Bromoform	0.213	0.254	0.296	0.343	0.363	0.374	0.307	20.97
60)	S	Bromofluorobenzene	0.890	0.839	0.814	0.826	0.776	0.873	0.839	4.54
61)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
62)		trans-1,4-Dichloro-	0.159	0.197	0.243	0.251	0.240	0.233	0.227	16.10
63)	P	1,1,2,2-Tetrachloro	1.278	1.462	1.409	1.385	1.309	1.180	1.326	7.35
64)		Isopropylbenzene	4.021	4.409	4.434	4.436	4.168	3.924	4.118	8.87
65)		1,2,3-Trichloroprop	1.118	1.314	1.241	1.185	1.070	0.998	1.146	9.42
66)		Bromobenzene	0.908	1.031	0.997	0.982	0.985	1.075	1.016	7.04
67)		n-Propylbenzene	4.758	5.198	5.211	5.255	4.939	4.549	4.823	10.40
68)		2-Chlorotoluene	3.286	3.515	3.454	3.389	3.190	3.230	3.293	5.41
69)		4-Chlorotoluene	2.969	3.157	3.035	3.003	2.806	2.796	2.906	6.65
70)		1,3,5-Trimethylbenz	3.028	3.325	3.316	3.342	3.203	3.242	3.200	4.86
71)		tert-Butylbenzene	2.720	2.984	2.945	2.965	2.869	2.991	2.889	3.93
72)		1,2,4-Trimethylbenz	2.928	3.108	3.063	3.045	2.900	2.942	2.955	4.66
73)		sec-Butylbenzene	4.090	4.396	4.460	4.420	4.239	4.137	4.184	7.54
74)		1,3-Dichlorobenzene	1.658	1.753	1.735	1.723	1.657	1.765	1.718	2.54
75)		p-Isopropyltoluene	3.092	3.284	3.338	3.383	3.274	3.375	3.248	4.61
76)		1,4-Dichlorobenzene	1.649	1.759	1.655	1.652	1.583	1.678	1.661	3.15
77)		n-Butylbenzene	2.777	2.803	2.881	2.844	2.755	2.861	2.774	4.70
78)		1,2-Dichlorobenzene	1.560	1.680	1.658	1.660	1.600	1.694	1.648	3.00
79)		1,2-Dibromo-3-chlor	0.155	0.192	0.201	0.214	0.215	0.205	0.194	11.24
80)		1,2,4-Trichlorobenz	0.701	0.715	0.718	0.743	0.705	0.682	0.689	8.70
81)		Hexachlorobutadiene	0.338	0.363	0.392	0.386	0.399	0.407	0.369	10.30
82)		Naphthalene	1.638	1.892	2.057	2.124	1.915	1.719	1.833	12.56
83)		1,2,3-Trichlorobenz	0.541	0.583	0.613	0.619	0.558	0.522	0.558	9.61

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\JO19VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:28:20 2007
Response via : Initial Calibration

Calibration Files
200 =J4869.D = =
= = =

		Compound	200	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.349		
3)	P	Chloromethane			
4)	CP	Vinyl chloride	0.346		
5)		Bromomethane	0.239		
6)		Chloroethane			
7)		Trichlorofluorometh	0.500		
8)		Acetone	0.090		
9)		Acrolein	0.059		
10)	CPM	1,1-Dichloroethene	0.236		
11)		Methyl iodide			
12)		1,1,2-Trichloro-1,2			
13)		Methyl acetate	0.212		
14)		Acrylonitrile	0.108		
15)		Methylene chloride	0.266		
16)		Carbon disulfide	0.768		
17)		trans-1,2-Dichloroe	0.263		
18)		Methyl tert-Butyl e	0.782		
19)	P	1,1-Dichloroethane	0.437		
20)		Vinyl acetate	0.468		
21)		2-Butanone	0.153		
22)		cis-1,2-Dichloroeth	0.306		
23)		Bromochloromethane	0.148		
24)	CP	Chloroform	0.455		
25)		2,2-Dichloropropane	0.367		
26)		Cyclohexane	0.450		
27)	S	Dibromofluoromethan	0.246		
28)	S	1,2-Dichloroethane-	0.287		
29)		1,2-Dichloroethane	0.341		
30)		1,1,1-Trichloroetha	0.420		
31)		1,1-Dichloropropene	0.359		
32)		Carbon tetrachlorid	0.312		
33)	M	Benzene	1.013		
34)	M	Trichloroethene	0.312		
35)		Dibromomethane	0.174		
36)		Methylcyclohexane	0.521		
37)	CP	1,2-Dichloropropane	0.264		
38)		Bromodichloromethan	0.362		
39)		2-Chloroethylvinyl	0.012		
40)		4-Methyl-2-pentanon	0.298		
41)		cis-1,3-Dichloropro	0.460		
42)	S	Toluene-d8	0.902		
43)	CPM	Toluene	0.727		

(#) = Out of Range ### Number of calibration levels exceeded format ###

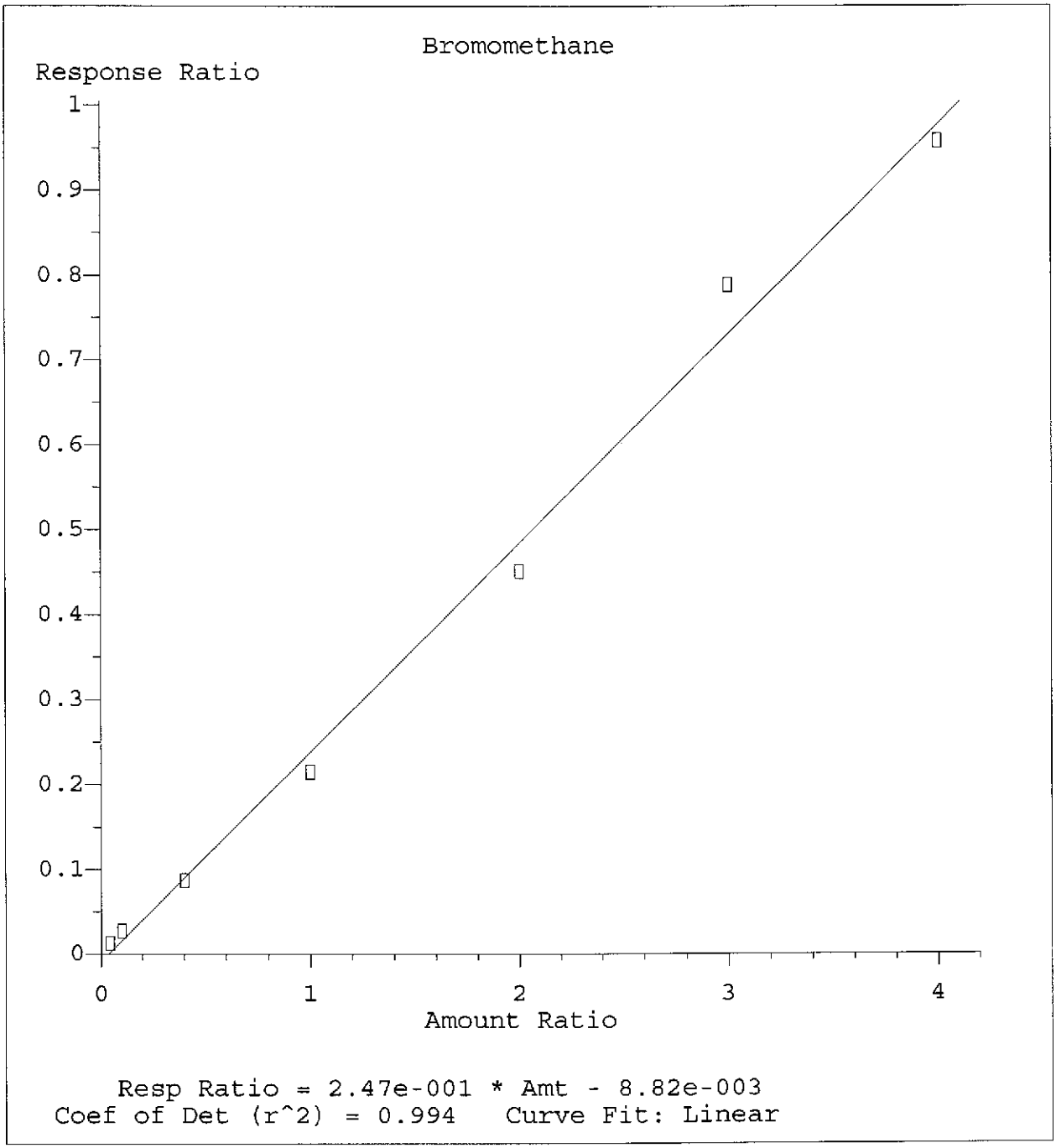
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\JO19VOCS.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:28:20 2007
Response via : Initial Calibration

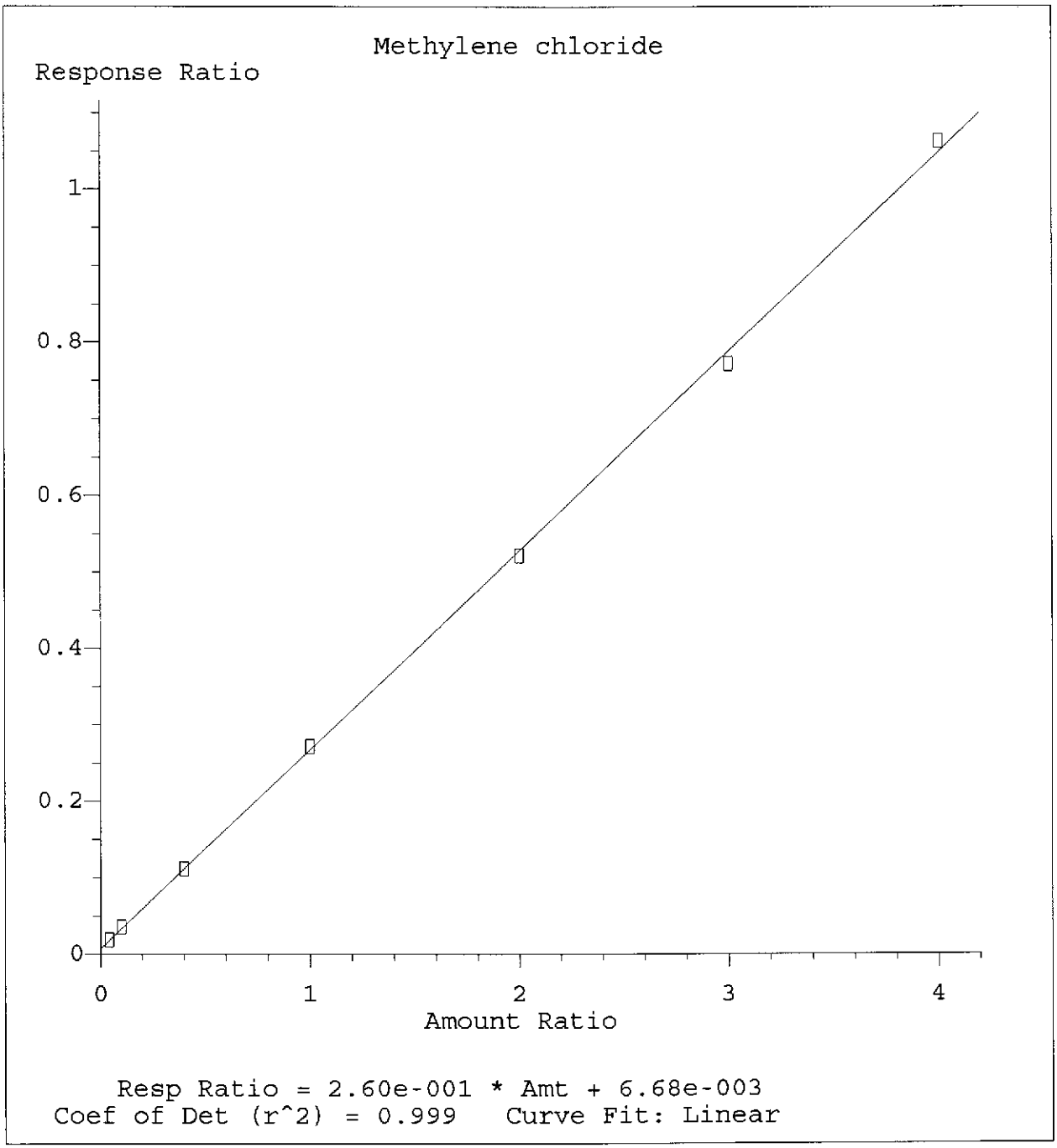
Calibration Files
200 =J4869.D = =
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		Compound	200	Avg	%RSD
44)		trans-1,3-Dichlorop	0.440		
45)		1,1,2-Trichloroetha	0.217		
46)		2-Hexanone	0.220		
47)	I	Chlorobenzene-d5	----------ISTD----------		
48)		1,2-Dibromoethane	0.625		
49)		1,3-Dichloropropane	1.024		
50)		Dibromochloromethan			
51)		Tetrachloroethene	0.659		
52)		1-Chlorohexane	0.912		
53)		1,1,1,2-Tetrachloro	0.643		
54)	PM	Chlorobenzene	1.888		
55)	CP	Ethylbenzene	2.679		
56)		(m+p)-Xylene	1.156		
57)		o-Xylene	1.236		
58)		Styrene	1.789		
59)	P	Bromoform			
60)	S	Bromofluorobenzene	0.854		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---------		
62)		trans-1,4-Dichloro-	0.265		
63)	P	1,1,2,2-Tetrachloro	1.259		
64)		Isopropylbenzene	3.436		
65)		1,2,3-Trichloroprop	1.094		
66)		Bromobenzene	1.130		
67)		n-Propylbenzene	3.853		
68)		2-Chlorotoluene	2.990		
69)		4-Chlorotoluene	2.576		
70)		1,3,5-Trimethylbenz	2.946		
71)		tert-Butylbenzene	2.747		
72)		1,2,4-Trimethylbenz	2.696		
73)		sec-Butylbenzene	3.547		
74)		1,3-Dichlorobenzene	1.737		
75)		p-Isopropyltoluene	2.991		
76)		1,4-Dichlorobenzene	1.653		
77)		n-Butylbenzene	2.497		
78)		1,2-Dichlorobenzene	1.684		
79)		1,2-Dibromo-3-chlor	0.176		
80)		1,2,4-Trichlorobenz	0.560		
81)		Hexachlorobutadiene	0.301		
82)		Naphthalene	1.484		
83)		1,2,3-Trichlorobenz	0.467		

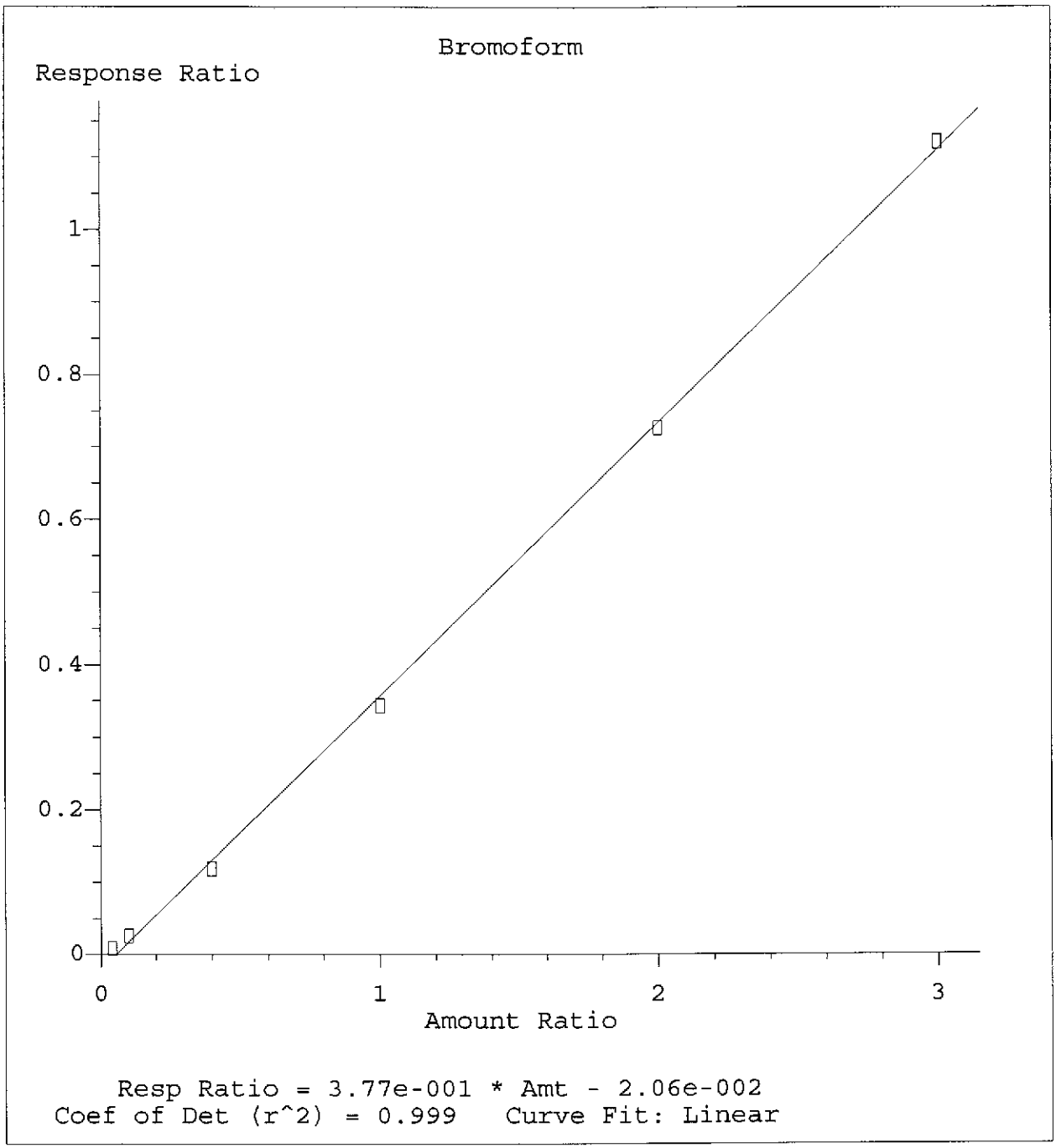
(#) = Out of Range ### Number of calibration levels exceeded format ###



Method Name: C:\HPCHEM\1\METHODS\JO19VOCS.M
Calibration Table Last Updated: Tue Oct 23 14:20:26 2007



Method Name: C:\HPCHEM\1\METHODS\JO19VOCS.M
Calibration Table Last Updated: Tue Oct 23 14:23:42 2007



Method Name: C:\HPCHEM\1\METHODS\JO19VOCS.M
Calibration Table Last Updated: Tue Oct 23 14:25:21 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11578
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1085
Second Source ID:	ICV-11578	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
1,1,1,2-Tetrachloroethane	50	50	0.2	
1,1,1-Trichloroethane	50	49	1.2	
1,1,2,2-Tetrachloroethane	50	51	-2.3	
1,1,2-Trichloroethane	50	50	-1.0	
1,1-Dichloroethane	50	48	3.2	
1,1-Dichloroethene	50	46	8.1	
1,1-Dichloropropene	50	49	1.6	
1,2,3-Trichlorobenzene	50	49	1.6	
1,2,3-Trichloropropane	50	48	4.6	
1,2,4-Trichlorobenzene	50	49	1.2	
1,2,4-Trimethylbenzene	50	49	2.9	
1,2-Dibromo-3-chloropropane	50	51	-2.5	
1,2-Dibromoethane	50	51	-2.9	
1,2-Dichlorobenzene	50	48	3.0	
1,2-Dichloroethane	50	50	0.6	
1,2-Dichloroethane-d4	50	50	-0.2	
1,2-Dichloropropane	50	49	2.5	
1,3,5-Trimethylbenzene	50	49	1.4	
1,3-Dichlorobenzene	50	48	3.7	
1,3-Dichloropropane	50	51	-1.1	
1,4-Dichlorobenzene	50	47	5.3	
1-Chlorohexane	50	51	-1.5	
2,2-Dichloropropane	50	47	5.2	
2-Butanone	100	83	17.3	
2-Chlorotoluene	50	48	3.2	
4-Bromofluorobenzene	50	48	3.3	
4-Chlorotoluene	50	48	3.4	
4-Methyl-2-pentanone	100	94	6.4	
Acetone	100	77	23.5	
Benzene	50	49	1.3	
Bromobenzene	50	48	3.9	
Bromochloromethane	50	50	0.9	
Bromodichloromethane	50	51	-1.4	
Bromoform	50	47	6.2	
Bromomethane	50	54	-8.8	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R11578
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	1085
Second Source ID:	ICV-11578	**Concentration Units (mg/L or mg/kg):**	µg/Kg

Analyte	Expected	Found	%D	Q
Carbon tetrachloride	50	48	3.4	
Chlorobenzene	50	49	1.7	
Chloroethane	50	42	15.7	
Chloroform	50	49	1.4	
Chloromethane	50	40	19.3	
cis-1,2-Dichloroethene	50	49	2.9	
cis-1,3-Dichloropropene	50	50	0.7	
Dibromochloromethane	50	55	-9.1	
Dibromofluoromethane	50	51	-1.9	
Dibromomethane	50	52	-3.1	
Dichlorodifluoromethane	50	48	3.5	
Ethylbenzene	50	51	-1.3	
Hexachlorobutadiene	50	49	1.7	
Isopropylbenzene	50	51	-2.9	
Methyl tert-butyl ether	50	50	-0.4	
Methylene chloride	50	51	-2.4	
n-Butylbenzene	50	49	2.9	
n-Propylbenzene	50	52	-3.7	
Naphthalene	50	53	-5.0	
p-Isopropyltoluene	50	50	0.3	
sec-Butylbenzene	50	52	-3.3	
Styrene	50	50	-0.7	
tert-Butylbenzene	50	50	0.7	
Tetrachloroethene	50	47	6.3	
Toluene	50	48	3.5	
Toluene-d8	50	50	-0.7	
trans-1,2-Dichloroethene	50	48	4.6	
trans-1,3-Dichloropropene	50	50	-0.1	
Trichloroethene	50	48	3.8	
Trichlorofluoromethane	50	53	-6.0	
Vinyl chloride	50	58	-15.5	
Xylenes (total)	150	150	2.0	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Initial Calibration ID: 1085

ICV ID: ICV-11578

CCV #1 ID:

CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4876.D
Acq On : 22 Oct 2007 11:16
Sample : CCV-11579
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\JO19AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:38:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	132	0.00
2		Dichlorodifluoromethane	0.366	0.358	2.2	129	0.00
3	P	Chloromethane	0.338	0.213	37.0#	85	0.00
4	CP	Vinyl chloride	0.341	0.310	9.1	111	0.00
5		Bromomethane	0.250	0.248	0.8	153	0.00
6		Chloroethane	0.195	0.134	31.3#	84	0.00
7		Trichlorofluoromethane	0.541	0.520	3.9	123	0.00
8		Acetone	0.083	0.076	8.4	127	0.00
9	CPM	1,1-Dichloroethene	0.239	0.293	-22.6#	167	0.00
10		Methylene chloride	0.306	0.255	16.7	124	0.00
11		trans-1,2-Dichloroethene	0.256	0.242	5.5	124	0.00
12		Methyl tert-Butyl ether	0.776	0.757	2.4	126	0.00
13	P	1,1-Dichloroethane	0.438	0.413	5.7	120	0.00
14		2-Butanone	0.147	0.134	8.8	120	0.00
15		cis-1,2-Dichloroethene	0.295	0.283	4.1	127	0.00
16		Bromochloromethane	0.127	0.129	-1.6	135	0.00
17	CP	Chloroform	0.444	0.431	2.9	126	0.00
18		2,2-Dichloropropane	0.362	0.360	0.6	125	0.00
19	S	Dibromofluoromethane	0.226	0.227	-0.4	133	0.00
20	S	1,2-Dichloroethane-d4	0.289	0.279	3.5	128	0.00
21		1,2-Dichloroethane	0.337	0.331	1.8	127	0.00
22		1,1,1-Trichloroethane	0.396	0.393	0.8	127	0.00
23		1,1-Dichloropropene	0.344	0.333	3.2	125	0.00
24		Carbon tetrachloride	0.275	0.286	-4.0	129	0.00
25	M	Benzene	1.100	1.069	2.8	124	0.00
26	M	Trichloroethene	0.277	0.267	3.6	127	0.00
27		Dibromomethane	0.160	0.159	0.6	129	0.00
28	CP	1,2-Dichloropropane	0.260	0.247	5.0	123	0.00
29		Bromodichloromethane	0.329	0.334	-1.5	130	0.00
30		4-Methyl-2-pentanone	0.288	0.268	6.9	114	0.00
31		cis-1,3-Dichloropropene	0.427	0.430	-0.7	128	0.00
32	S	Toluene-d8	0.947	0.942	0.5	130	0.00
33	CPM	Toluene	0.714	0.697	2.4	127	0.00
34		trans-1,3-Dichloropropene	0.390	0.391	-0.3	128	0.00
35		1,1,2-Trichloroethane	0.203	0.197	3.0	126	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	131	0.00
37		1,2-Dibromoethane	0.586	0.602	-2.7	130	0.00
38		1,3-Dichloropropane	1.040	1.017	2.2	125	0.00
39		Dibromochloromethane	0.554	0.629	-13.5	138	0.00
40		Tetrachloroethene	0.570	0.600	-5.3	140	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4876.D
Acq On : 22 Oct 2007 11:16
Sample : CCV-11579
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\JO19AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:38:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.890	0.908	-2.0	129	0.00
42		1,1,1,2-Tetrachloroethane	0.565	0.593	-5.0	136	0.00
43	PM	Chlorobenzene	1.849	1.868	-1.0	132	0.00
44	CP	Ethylbenzene	3.090	3.208	-3.8	128	0.00
45		(m+p)-Xylene	1.169	1.219	-4.3	131	0.00
46		o-Xylene	1.155	1.180	-2.2	131	0.00
47		Styrene	1.698	1.791	-5.5	131	0.00
48	P	Bromoform	0.307	0.362	-17.9	139	0.00
49	S	Bromofluorobenzene	0.839	0.819	2.4	130	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	142	0.00
51	P	1,1,2,2-Tetrachloroethane	1.326	1.173	11.5	121	0.00
52		Isopropylbenzene	4.118	4.026	2.2	129	0.00
53		1,2,3-Trichloropropane	1.146	0.989	13.7	119	0.00
54		Bromobenzene	1.016	0.957	5.8	139	0.00
55		n-Propylbenzene	4.823	4.786	0.8	130	0.00
56		2-Chlorotoluene	3.293	3.094	6.0	130	0.00
57		4-Chlorotoluene	2.906	2.752	5.3	131	0.00
58		1,3,5-Trimethylbenzene	3.200	3.104	3.0	132	0.00
59		tert-Butylbenzene	2.889	2.726	5.6	131	0.00
60		1,2,4-Trimethylbenzene	2.955	2.845	3.7	133	0.00
61		sec-Butylbenzene	4.184	4.036	3.5	130	0.00
62		1,3-Dichlorobenzene	1.718	1.685	1.9	139	0.00
63		p-Isopropyltoluene	3.248	3.151	3.0	133	0.00
64		1,4-Dichlorobenzene	1.661	1.592	4.2	137	0.00
65		n-Butylbenzene	2.774	2.632	5.1	132	0.00
66		1,2-Dichlorobenzene	1.648	1.590	3.5	136	0.00
67		1,2-Dibromo-3-chloropropane	0.194	0.189	2.6	126	0.00
68		1,2,4-Trichlorobenzene	0.689	0.738	-7.1	142	0.00
69		Hexachlorobutadiene	0.369	0.373	-1.1	138	0.00
70		Naphthalene	1.833	1.942	-5.9	130	0.00
71		1,2,3-Trichlorobenzene	0.558	0.584	-4.7	134	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1
J4876.D JO19AF31.M Tue Oct 23 14:39:48 2007 Page 29

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4876.D
Acq On : 22 Oct 2007 11:16
Sample : CCV-11579
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\JO19AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:38:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	132	0.00
2		Dichlorodifluoromethane	50.000	48.936	2.1	129	0.00
3	P	Chloromethane	50.000	31.527	36.9#	85	0.00
4	CP	Vinyl chloride	50.000	45.472	9.1	111	0.00
5		Bromomethane	50.000	52.081	-4.2	153	0.00
6		Chloroethane	50.000	34.305	31.4#	84	0.00
7		Trichlorofluoromethane	50.000	48.000	4.0	123	0.00
8		Acetone	100.000	91.393	8.6	127	0.00
9	CPM	1,1-Dichloroethene	50.000	61.328	-22.7#	167	0.00
10		Methylene chloride	50.000	47.656	4.7	124	0.00
11		trans-1,2-Dichloroethene	50.000	47.296	5.4	124	0.00
12		Methyl tert-Butyl ether	50.000	48.740	2.5	126	0.00
13	P	1,1-Dichloroethane	50.000	47.040	5.9	120	0.00
14		2-Butanone	100.000	90.935	9.1	120	0.00
15		cis-1,2-Dichloroethene	50.000	48.020	4.0	127	0.00
16		Bromochloromethane	50.000	50.751	-1.5	135	0.00
17	CP	Chloroform	50.000	48.552	2.9	126	0.00
18		2,2-Dichloropropane	50.000	49.731	0.5	125	0.00
19	S	Dibromofluoromethane	50.000	50.271	-0.5	133	0.00
20	S	1,2-Dichloroethane-d4	50.000	48.315	3.4	128	0.00
21		1,2-Dichloroethane	50.000	49.102	1.8	127	0.00
22		1,1,1-Trichloroethane	50.000	49.712	0.6	127	0.00
23		1,1-Dichloropropene	50.000	48.489	3.0	125	0.00
24		Carbon tetrachloride	50.000	52.013	-4.0	129	0.00
25	M	Benzene	50.000	48.621	2.8	124	0.00
26	M	Trichloroethene	50.000	48.144	3.7	127	0.00
27		Dibromomethane	50.000	49.679	0.6	129	0.00
28	CP	1,2-Dichloropropane	50.000	47.519	5.0	123	0.00
29		Bromodichloromethane	50.000	50.819	-1.6	130	0.00
30		4-Methyl-2-pentanone	100.000	93.178	6.8	114	0.00
31		cis-1,3-Dichloropropene	50.000	50.453	-0.9	128	0.00
32	S	Toluene-d8	50.000	49.719	0.6	130	0.00
33	CPM	Toluene	50.000	48.785	2.4	127	0.00
34		trans-1,3-Dichloropropene	50.000	50.136	-0.3	128	0.00
35		1,1,2-Trichloroethane	50.000	48.718	2.6	126	0.00
36	I	Chlorobenzene-d5	50.000	50.000	0.0	131	0.00
37		1,2-Dibromoethane	50.000	51.355	-2.7	130	0.00
38		1,3-Dichloropropane	50.000	48.908	2.2	125	0.00
39		Dibromochloromethane	50.000	56.756	-13.5	138	0.00
40		Tetrachloroethene	50.000	52.659	-5.3	140	0.00

(#) = Out of Range

10/23/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J4876.D
Acq On : 22 Oct 2007 11:16
Sample : CCV-11579
Misc : CCV ,8260SAF_CAL,
MS Integration Params: RTEINT.P

Vial: 38
Operator: JK
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\JO19AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Oct 23 14:38:24 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	50.000	51.016	-2.0	129	0.00
42		1,1,1,2-Tetrachloroethane	50.000	52.477	-5.0	136	0.00
43	PM	Chlorobenzene	50.000	50.526	-1.1	132	0.00
44	CP	Ethylbenzene	50.000	51.910	-3.8	128	0.00
45		(m+p)-Xylene	100.000	104.256	-4.3	131	0.00
46		o-Xylene	50.000	51.087	-2.2	131	0.00
47		Styrene	50.000	52.733	-5.5	131	0.00
48	P	Bromoform	50.000	50.706	-1.4	139	0.00
49	S	Bromofluorobenzene	50.000	49.225	1.5	130	0.00
50	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	142	0.00
51	P	1,1,2,2-Tetrachloroethane	50.000	44.246	11.5	121	0.00
52		Isopropylbenzene	50.000	48.884	2.2	129	0.00
53		1,2,3-Trichloropropane	50.000	43.178	13.6	119	0.00
54		Bromobenzene	50.000	47.116	5.8	139	0.00
55		n-Propylbenzene	50.000	49.610	0.8	130	0.00
56		2-Chlorotoluene	50.000	46.965	6.1	130	0.00
57		4-Chlorotoluene	50.000	47.354	5.3	131	0.00
58		1,3,5-Trimethylbenzene	50.000	48.501	3.0	132	0.00
59		tert-Butylbenzene	50.000	47.192	5.6	131	0.00
60		1,2,4-Trimethylbenzene	50.000	48.141	3.7	133	0.00
61		sec-Butylbenzene	50.000	48.232	3.5	130	0.00
62		1,3-Dichlorobenzene	50.000	49.033	1.9	139	0.00
63		p-Isopropyltoluene	50.000	48.511	3.0	133	0.00
64		1,4-Dichlorobenzene	50.000	47.922	4.2	137	0.00
65		n-Butylbenzene	50.000	47.446	5.1	132	0.00
66		1,2-Dichlorobenzene	50.000	48.235	3.5	136	0.00
67		1,2-Dibromo-3-chloropropane	50.000	48.662	2.7	126	0.00
68		1,2,4-Trichlorobenzene	50.000	53.571	-7.1	142	0.00
69		Hexachlorobutadiene	50.000	50.525	-1.0	138	0.00
70		Naphthalene	50.000	52.979	-6.0	130	0.00
71		1,2,3-Trichlorobenzene	50.000	52.327	-4.7	134	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11579
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11579
Initial Calibration ID:	1085	**File ID:**	J4880.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.00013	0.00500	U
1,1,1,2-Tetrachloroethane	0.00016	0.00300	U
1,1,1-Trichloroethane	0.00014	0.00500	U
1,1,2,2-Tetrachloroethane	0.00014	0.00300	U
1,1,2-Trichloroethane	0.00025	0.00500	U
1,1-Dichloroethane	0.00008	0.00500	U
1,1-Dichloroethene	0.00015	0.00600	U
1,1-Dichloropropene	0.00019	0.00500	U
1,2,3-Trichlorobenzene	0.00041	0.00500	U
1,2,3-Trichloropropane	0.00023	0.00500	U
1,2,4-Trichlorobenzene	0.00033	0.00500	U
1,2,4-Trimethylbenzene	0.00006	0.00600	U
1,2-Dibromo-3-chloropropane	0.00031	0.0100	U
1,2-Dibromoethane	0.00008	0.00500	U
1,2-Dichlorobenzene	0.00006	0.00500	U
1,2-Dichloroethane	0.00011	0.00300	U
1,2-Dichloropropane	0.00022	0.00500	U
1,3,5-Trimethylbenzene	0.00008	0.00500	U
1,3-Dichlorobenzene	0.00011	0.00600	U
1,3-Dichloropropane	0.00009	0.00250	U
1,4-Dichlorobenzene	0.00006	0.00250	U
1-Chlorohexane	0.00016	0.00500	U
2,2-Dichloropropane	0.00013	0.00500	U
2-Butanone	0.00042	0.0200	U
2-Chlorotoluene	0.00004	0.00500	U
4-Chlorotoluene	0.00007	0.00500	U
4-Methyl-2-pentanone	0.00032	0.0200	U
Acetone	0.00030	0.0500	U
Benzene	0.00005	0.00250	U
Bromobenzene	0.00015	0.00500	U
Bromochloromethane	0.00020	0.00500	U
Bromodichloromethane	0.00006	0.00250	U
Bromoform	0.00017	0.00600	U
Bromomethane	0.00013	0.0100	U
Carbon tetrachloride	0.00012	0.00500	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11579
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11579
Initial Calibration ID:	1085	**File ID:**	J4880.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.00007	0.00250	U
Chloroethane	0.00025	0.00500	U
Chloroform	0.00007	0.00250	U
Chloromethane	0.00031	0.00500	U
cis-1,2-Dichloroethene	0.00016	0.00500	U
cis-1,3-Dichloropropene	0.00009	0.00300	U
Dibromochloromethane	0.00007	0.00300	U
Dibromomethane	0.00012	0.00500	U
Dichlorodifluoromethane	0.00008	0.00500	U
Ethylbenzene	0.00013	0.00500	U
Hexachlorobutadiene	0.00038	0.00300	U
Isopropylbenzene	0.00005	0.00500	U
Methyl tert-butyl ether	0.00013	0.0200	U
Methylene chloride	0.000670	0.00500	F
n-Butylbenzene	0.00013	0.00500	U
n-Propylbenzene	0.00003	0.00500	U
Naphthalene	0.00021	0.00500	U
o-Xylene	0.00017	0.00500	U
p-Isopropyltoluene	0.00017	0.00600	U
sec-Butylbenzene	0.00005	0.00500	U
Styrene	0.00012	0.00500	U
tert-Butylbenzene	0.00008	0.00500	U
Tetrachloroethene	0.00011	0.00500	U
Toluene	0.00005	0.00500	U
trans-1,2-Dichloroethene	0.00012	0.00500	U
trans-1,3-Dichloropropene	0.00015	0.00500	U
Trichloroethene	0.00012	0.00500	U
Trichlorofluoromethane	0.00008	0.00500	U
Vinyl chloride	0.00013	0.00500	U
Xylenes (total)	0.00030	0.00500	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	89	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	94	65 - 135	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R11579
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	mg/Kg	**Method Blank ID:**	MB-11579
Initial Calibration ID:	1085	**File ID:**	J4880.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1097916	482869 - 1931476	
Chlorobenzene-d5	1624478	736478 - 2945912	
Fluorobenzene	4030915	1857082 - 7428330	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11579 **Initial Calibration ID:** 1085

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4877.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.104	104	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0531	106	74 - 125	
1,1,1-Trichloroethane	0.05	0.0494	99	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0432	86	59 - 140	
1,1,2-Trichloroethane	0.05	0.0475	95	62 - 127	
1,1-Dichloroethane	0.05	0.0473	95	73 - 125	
1,1-Dichloroethene	0.05	0.0675	135	65 - 136	
1,1-Dichloropropene	0.05	0.0481	96	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0512	102	62 - 133	
1,2,3-Trichloropropane	0.05	0.0414	83	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0533	107	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0490	98	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0487	97	49 - 135	
1,2-Dibromoethane	0.05	0.0509	102	70 - 124	
1,2-Dichlorobenzene	0.05	0.0481	96	74 - 120	
1,2-Dichloroethane	0.05	0.0478	96	72 - 137	
1,2-Dichloropropane	0.05	0.0472	94	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0495	99	65 - 133	
1,3-Dichlorobenzene	0.05	0.0491	98	72 - 124	
1,3-Dichloropropane	0.05	0.0489	98	76 - 123	
1,4-Dichlorobenzene	0.05	0.0482	96	72 - 125	
1-Chlorohexane	0.05	0.0514	103	60 - 135	
2,2-Dichloropropane	0.05	0.0496	99	67 - 134	
2-Butanone	0.1	0.0796	80	40 - 135	
2-Chlorotoluene	0.05	0.0472	94	69 - 128	
4-Chlorotoluene	0.05	0.0474	95	73 - 126	
4-Methyl-2-pentanone	0.1	0.0846	85	47 - 147	
Acetone	0.1	0.0767	77	40 - 141	
Benzene	0.05	0.0488	98	73 - 126	
Bromobenzene	0.05	0.0470	94	66 - 121	
Bromochloromethane	0.05	0.0501	100	71 - 127	
Bromodichloromethane	0.05	0.0505	101	72 - 128	
Bromoform	0.05	0.0500	100	66 - 137	
Bromomethane	0.05	0.0519	104	45 - 141	
Carbon tetrachloride	0.05	0.0529	106	67 - 133	
Chlorobenzene	0.05	0.0511	102	75 - 123	
Chloroethane	0.05	0.0303	61	41 - 141	
Chloroform	0.05	0.0486	97	72 - 124	
Chloromethane	0.05	0.0441	88	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0482	96	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0500	100	72 - 126	
Dibromochloromethane	0.05	0.0575	115	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-11579 **Initial Calibration ID:** 1085

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4877.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0489	98	73 - 128	
Dichlorodifluoromethane	0.05	0.0471	94	34 - 136	
Ethylbenzene	0.05	0.0518	104	74 - 127	
Hexachlorobutadiene	0.05	0.0476	95	53 - 142	
Isopropylbenzene	0.05	0.0494	99	77 - 129	
Methyl tert-butyl ether	0.05	0.0477	95	50 - 135	
Methylene chloride	0.05	0.0651	130	63 - 137	
n-Butylbenzene	0.05	0.0491	98	65 - 138	
n-Propylbenzene	0.05	0.0501	100	63 - 135	
Naphthalene	0.05	0.0504	101	51 - 135	
o-Xylene	0.05	0.0506	101	77 - 125	
p-Isopropyltoluene	0.05	0.0496	99	75 - 133	
sec-Butylbenzene	0.05	0.0491	98	63 - 132	
Styrene	0.05	0.0520	104	74 - 128	
tert-Butylbenzene	0.05	0.0482	96	65 - 132	
Tetrachloroethene	0.05	0.0524	105	67 - 139	
Toluene	0.05	0.0485	97	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0488	98	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0494	99	65 - 127	
Trichloroethene	0.05	0.0482	96	77 - 124	
Trichlorofluoromethane	0.05	0.0450	90	49 - 139	
Vinyl chloride	0.05	0.0538	108	58 - 126	
Xylenes (total)	0.15	0.155	103	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	52 - 149	
4-Bromofluorobenzene	99	84 - 118	
Dibromofluoromethane	103	65 - 135	
Toluene-d8	100	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1525275	482869 - 1931476	
Chlorobenzene-d5	2182432	736478 - 2945912	
Fluorobenzene	5603799	1857082 - 7428330	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11579 **Initial Calibration ID:** 1085

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4878.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	0.1	0.0996	100	79 - 126	
1,1,1,2-Tetrachloroethane	0.05	0.0523	105	74 - 125	
1,1,1-Trichloroethane	0.05	0.0493	99	68 - 130	
1,1,2,2-Tetrachloroethane	0.05	0.0457	91	59 - 140	
1,1,2-Trichloroethane	0.05	0.0456	91	62 - 127	
1,1-Dichloroethane	0.05	0.0464	93	73 - 125	
1,1-Dichloroethene	0.05	0.0668	134	65 - 136	
1,1-Dichloropropene	0.05	0.0476	95	70 - 135	
1,2,3-Trichlorobenzene	0.05	0.0510	102	62 - 133	
1,2,3-Trichloropropane	0.05	0.0450	90	63 - 130	
1,2,4-Trichlorobenzene	0.05	0.0503	101	65 - 131	
1,2,4-Trimethylbenzene	0.05	0.0476	95	65 - 135	
1,2-Dibromo-3-chloropropane	0.05	0.0510	102	49 - 135	
1,2-Dibromoethane	0.05	0.0502	100	70 - 124	
1,2-Dichlorobenzene	0.05	0.0480	96	74 - 120	
1,2-Dichloroethane	0.05	0.0461	92	72 - 137	
1,2-Dichloropropane	0.05	0.0454	91	71 - 120	
1,3,5-Trimethylbenzene	0.05	0.0481	96	65 - 133	
1,3-Dichlorobenzene	0.05	0.0482	96	72 - 124	
1,3-Dichloropropane	0.05	0.0477	95	76 - 123	
1,4-Dichlorobenzene	0.05	0.0475	95	72 - 125	
1-Chlorohexane	0.05	0.0500	100	60 - 135	
2,2-Dichloropropane	0.05	0.0481	96	67 - 134	
2-Butanone	0.1	0.0773	77	40 - 135	
2-Chlorotoluene	0.05	0.0472	94	69 - 128	
4-Chlorotoluene	0.05	0.0472	94	73 - 126	
4-Methyl-2-pentanone	0.1	0.0837	84	47 - 147	
Acetone	0.1	0.0694	69	40 - 141	
Benzene	0.05	0.0475	95	73 - 126	
Bromobenzene	0.05	0.0487	97	66 - 121	
Bromochloromethane	0.05	0.0486	97	71 - 127	
Bromodichloromethane	0.05	0.0492	98	72 - 128	
Bromoform	0.05	0.0497	99	66 - 137	
Bromomethane	0.05	0.0504	101	45 - 141	
Carbon tetrachloride	0.05	0.0467	93	67 - 133	
Chlorobenzene	0.05	0.0499	100	75 - 123	
Chloroethane	0.05	0.0334	67	41 - 141	
Chloroform	0.05	0.0474	95	72 - 124	
Chloromethane	0.05	0.0420	84	51 - 129	
cis-1,2-Dichloroethene	0.05	0.0471	94	67 - 125	
cis-1,3-Dichloropropene	0.05	0.0476	95	72 - 126	
Dibromochloromethane	0.05	0.0561	112	66 - 130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-11579 **Initial Calibration ID:** 1085

Concentration Units (mg/L or mg/kg): mg/Kg **File ID:** J4878.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	0.05	0.0474	95	73 - 128	
Dichlorodifluoromethane	0.05	0.0469	94	34 - 136	
Ethylbenzene	0.05	0.0505	101	74 - 127	
Hexachlorobutadiene	0.05	0.0468	94	53 - 142	
Isopropylbenzene	0.05	0.0500	100	77 - 129	
Methyl tert-butyl ether	0.05	0.0455	91	50 - 135	
Methylene chloride	0.05	0.0637	127	63 - 137	
n-Butylbenzene	0.05	0.0449	90	65 - 138	
n-Propylbenzene	0.05	0.0492	98	63 - 135	
Naphthalene	0.05	0.0530	106	51 - 135	
o-Xylene	0.05	0.0486	97	77 - 125	
p-Isopropyltoluene	0.05	0.0474	95	75 - 133	
sec-Butylbenzene	0.05	0.0480	96	63 - 132	
Styrene	0.05	0.0509	102	74 - 128	
tert-Butylbenzene	0.05	0.0479	96	65 - 132	
Tetrachloroethene	0.05	0.0520	104	67 - 139	
Toluene	0.05	0.0470	94	71 - 127	
trans-1,2-Dichloroethene	0.05	0.0473	95	66 - 134	
trans-1,3-Dichloropropene	0.05	0.0476	95	65 - 127	
Trichloroethene	0.05	0.0475	95	77 - 124	
Trichlorofluoromethane	0.05	0.0472	94	49 - 139	
Vinyl chloride	0.05	0.0553	111	58 - 126	
Xylenes (total)	0.15	0.148	99	77 - 125	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	52 - 149	
4-Bromofluorobenzene	98	84 - 118	
Dibromofluoromethane	101	65 - 135	
Toluene-d8	99	84 - 116	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1364565	482869 - 1931476	
Chlorobenzene-d5	2051262	736478 - 2945912	
Fluorobenzene	5359941	1857082 - 7428330	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11579 **MS ID:** LCS-11579 **MSD ID:** LCSD-11579

Calibration ID: 1085

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		0.100	0.104	104	0.0996	100	5	79 - 126	30	
1,1,1,2-Tetrachloroethane		0.0500	0.0531	106	0.0523	105	2	74 - 125	30	
1,1,1-Trichloroethane		0.0500	0.0494	99	0.0493	99	0	68 - 130	30	
1,1,2,2-Tetrachloroethane		0.0500	0.0432	86	0.0457	91	6	59 - 140	30	
1,1,2-Trichloroethane		0.0500	0.0475	95	0.0456	91	4	62 - 127	30	
1,1-Dichloroethane		0.0500	0.0473	95	0.0464	93	2	73 - 125	30	
1,1-Dichloroethene		0.0500	0.0675	135	0.0668	134	1	65 - 136	30	
1,1-Dichloropropene		0.0500	0.0481	96	0.0476	95	1	70 - 135	30	
1,2,3-Trichlorobenzene		0.0500	0.0512	102	0.0510	102	0	62 - 133	30	
1,2,3-Trichloropropane		0.0500	0.0414	83	0.0450	90	8	63 - 130	30	
1,2,4-Trichlorobenzene		0.0500	0.0533	107	0.0503	101	6	65 - 131	30	
1,2,4-Trimethylbenzene		0.0500	0.0490	98	0.0476	95	3	65 - 135	30	
1,2-Dibromo-3-chloropropane		0.0500	0.0487	97	0.0510	102	5	49 - 135	30	
1,2-Dibromoethane		0.0500	0.0509	102	0.0502	100	1	70 - 124	30	
1,2-Dichlorobenzene		0.0500	0.0481	96	0.0480	96	0	74 - 120	30	
1,2-Dichloroethane		0.0500	0.0478	96	0.0461	92	4	72 - 137	30	
1,2-Dichloropropane		0.0500	0.0472	94	0.0454	91	4	71 - 120	30	
1,3,5-Trimethylbenzene		0.0500	0.0495	99	0.0481	96	3	65 - 133	30	
1,3-Dichlorobenzene		0.0500	0.0491	98	0.0482	96	2	72 - 124	30	
1,3-Dichloropropane		0.0500	0.0489	98	0.0477	95	2	76 - 123	30	
1,4-Dichlorobenzene		0.0500	0.0482	96	0.0475	95	2	72 - 125	30	
1-Chlorohexane		0.0500	0.0514	103	0.0500	100	3	60 - 135	30	
2,2-Dichloropropane		0.0500	0.0496	99	0.0481	96	3	67 - 134	30	
2-Butanone		0.100	0.0796	80	0.0773	77	3	40 - 135	30	
2-Chlorotoluene		0.0500	0.0472	94	0.0472	94	0	69 - 128	30	
4-Chlorotoluene		0.0500	0.0474	95	0.0472	94	0	73 - 126	30	
4-Methyl-2-pentanone		0.100	0.0846	85	0.0837	84	1	47 - 147	30	
Acetone		0.100	0.0767	77	0.0694	69	10	40 - 141	30	
Benzene		0.0500	0.0488	98	0.0475	95	3	73 - 126	30	
Bromobenzene		0.0500	0.0470	94	0.0487	97	4	66 - 121	30	
Bromochloromethane		0.0500	0.0501	100	0.0486	97	3	71 - 127	30	
Bromodichloromethane		0.0500	0.0505	101	0.0492	98	3	72 - 128	30	
Bromoform		0.0500	0.0500	100	0.0497	99	1	66 - 137	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): mg/Kg **% Solids:** 0

Parent Field Sample ID: LCSD-11579 **MS ID:** LCS-11579 **MSD ID:** LCSD-11579

Calibration ID: 1085

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		0.0500	0.0519	104	0.0504	101	3	45 - 141	30	
Carbon tetrachloride		0.0500	0.0529	106	0.0467	93	12	67 - 133	30	
Chlorobenzene		0.0500	0.0511	102	0.0499	100	2	75 - 123	30	
Chloroethane		0.0500	0.0303	61	0.0334	67	10	41 - 141	30	
Chloroform		0.0500	0.0486	97	0.0474	95	2	72 - 124	30	
Chloromethane		0.0500	0.0441	88	0.0420	84	5	51 - 129	30	
cis-1,2-Dichloroethene		0.0500	0.0482	96	0.0471	94	2	67 - 125	30	
cis-1,3-Dichloropropene		0.0500	0.0500	100	0.0476	95	5	72 - 126	30	
Dibromochloromethane		0.0500	0.0575	115	0.0561	112	3	66 - 130	30	
Dibromomethane		0.0500	0.0489	98	0.0474	95	3	73 - 128	30	
Dichlorodifluoromethane		0.0500	0.0471	94	0.0469	94	0	34 - 136	30	
Ethylbenzene		0.0500	0.0518	104	0.0505	101	3	74 - 127	30	
Hexachlorobutadiene		0.0500	0.0476	95	0.0468	94	2	53 - 142	30	
Isopropylbenzene		0.0500	0.0494	99	0.0500	100	1	77 - 129	30	
Methyl tert-butyl ether		0.0500	0.0477	95	0.0455	91	5	50 - 135	30	
Methylene chloride		0.0500	0.0651	130	0.0637	127	2	63 - 137	30	
n-Butylbenzene		0.0500	0.0491	98	0.0449	90	9	65 - 138	30	
n-Propylbenzene		0.0500	0.0501	100	0.0492	98	2	63 - 135	30	
Naphthalene		0.0500	0.0504	101	0.0530	106	5	51 - 135	30	
o-Xylene		0.0500	0.0506	101	0.0486	97	4	77 - 125	30	
p-Isopropyltoluene		0.0500	0.0496	99	0.0474	95	5	75 - 133	30	
sec-Butylbenzene		0.0500	0.0491	98	0.0480	96	2	63 - 132	30	
Styrene		0.0500	0.0520	104	0.0509	102	2	74 - 128	30	
tert-Butylbenzene		0.0500	0.0482	96	0.0479	96	0	65 - 132	30	
Tetrachloroethene		0.0500	0.0524	105	0.0520	104	1	67 - 139	30	
Toluene		0.0500	0.0485	97	0.0470	94	3	71 - 127	30	
trans-1,2-Dichloroethene		0.0500	0.0488	98	0.0473	95	3	66 - 134	30	
trans-1,3-Dichloropropene		0.0500	0.0494	99	0.0476	95	4	65 - 127	30	
Trichloroethene		0.0500	0.0482	96	0.0475	95	2	77 - 124	30	
Trichlorofluoromethane		0.0500	0.0450	90	0.0472	94	5	49 - 139	30	
Vinyl chloride		0.0500	0.0538	108	0.0553	111	3	58 - 126	30	
Xylenes (total)		0.150	0.155	103	0.148	99	5	77 - 125	30	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R11579

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TP1-6.5'	0710111-001A	16-Oct-07	16-Oct-07	22-Oct-07			22-Oct-07	14	6.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10 **Calibration ID:** 1085

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB101907A3	TB101907A3	19-Oct-07	9:14	19-Oct-07	13:02
ICAL 2.0 PPB	ICAL 2.0 PPB	19-Oct-07	13:02	19-Oct-07	13:36
ICAL 5.0 PPB	ICAL 5.0 PPB	19-Oct-07	13:36	19-Oct-07	14:10
ICAL 20 PPB	ICAL 20 PPB	19-Oct-07	14:10	19-Oct-07	14:45
ICAL 50 PPB	ICAL 50 PPB	19-Oct-07	14:45	19-Oct-07	15:23
ICAL 100 PPB	ICAL 100 PPB	19-Oct-07	15:23	19-Oct-07	15:59
ICAL 150 PPB	ICAL 150 PPB	19-Oct-07	15:59	19-Oct-07	16:33
ICAL 200 PPB	ICAL 200 PPB	19-Oct-07	16:33	23-Oct-07	10:21
TB102207A3	TB102207A3	22-Oct-07	10:10	22-Oct-07	11:16
CCV-11579	CCV-11579	22-Oct-07	11:16	22-Oct-07	11:55
LCS-11579	LCS-11579	22-Oct-07	11:55	22-Oct-07	12:29
LCSD-11579	LCSD-11579	22-Oct-07	12:29	22-Oct-07	13:38
MB-11579	MB-11579	22-Oct-07	13:38	22-Oct-07	14:12
AOC9-TP1-6.5'	0710111-001A	22-Oct-07	14:12	22-Oct-07	14:12
ICV-11578	ICV-11578	23-Oct-07	10:21	23-Oct-07	10:21

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071019A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/19/2007 9:14:00 AM
Initial Calibration ID:	1085	**File ID:**	C:\HPCHEM\1\DATA\J4862.D
Compound:	SW8260B	**Sample ID:**	TB101907A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	16.9	
75	30 - 60% of m/z 95	48.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	62.8	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.9	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_071022A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	10/22/2007 10:10:00 A
Initial Calibration ID:	1085	**File ID:**	C:\HPCHEM\1\DATA\J4875.D
Compound:	SW8260B	**Sample ID:**	TB102207A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	16.9	
75	30 - 60% of m/z 95	48.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0.4	
174	Greater than 50% of m/z 95	65.7	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.2	
177	5 - 9% of m/z 176	6.6	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 **(315) 437-0200**

Wednesday, June 27, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0706082, 0706090

Dear Robert Meyers:

Life Science Laboratories, Inc. received samples on 6/15/2007 and 6/19/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperatures of the coolers were -1.8°C and -1.2°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	8260B	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706082, 0706090
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): Angela Z 6/26/07

Supervisor/Reviewed by (Initials/Date): 6-27-07

QA/QC Review (Initials/Date): 6/27/07

File Name: G:\Narratives\MSVoa\0706082msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS/LCSD-9973	Several	1,2
LCS-9995	Bromoform	2

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

2 The recovery marginally exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

MS/MSD/MSB
All spike recovery and RPD data met method and/or project specific QC criteria.

Surrogate Standards
The following sample(s) did not meet surrogate recovery criteria:

Sample Description	Surrogate	Corrective Action
LCS-9973	Dibromofluoromethane	1

1 The recovery marginally exceeded the upper control limit and the duplicate LCS met acceptance limits. No corrective action was taken.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Client: E & E
Project/Order: Griffiss AFB
Work Order #: 0706082, 0706090
Methodology: 8260B

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-9973	MS#1	several			1
		1,1,2,2-Tetrachloroethane	27.9		2
CCV-9995	MS#3	several			1
CCV-10074	MS#1	Tetrachloroethene	-23.0		3

1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. This excursion is allowed by project variance. No corrective action was taken.

2 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

3 The recovery marginally exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Miscellaneous
JP-10 was reported in samples where significant concentrations were detected.

Life Science Laboratories, Inc.

Date: *27-Jun-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706082

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706082-001A	AOC9-TB04		6/14/2007	6/15/2007
0706082-002A	AOC9-TW60-GW		6/14/2007	6/15/2007
0706082-003A	AOC9-TW73-GW		6/14/2007	6/15/2007
0706082-004A	AOC9-TW72-GW		6/14/2007	6/15/2007
0706082-005A	AOC9-TW58-GW		6/14/2007	6/15/2007
0706082-006A	AOC9-TW75-GW		6/14/2007	6/15/2007
0706082-007A	AOC9-TW74-GW		6/14/2007	6/15/2007
0706082-008A	AOC9-TW76-GW		6/15/2007	6/15/2007
0706082-009A	AOC9-TW82-GW		6/15/2007	6/15/2007
0706082-010A	AOC9-TW81-GW		6/15/2007	6/15/2007
0706082-011A	AOC9-TW57-GW		6/15/2007	6/15/2007
0706082-012A	AOC9-TW81-GW/D		6/15/2007	6/15/2007
0706082-013A	AOC9-TW54-GW		6/15/2007	6/15/2007

Life Science Laboratories, Inc.

Date: *27-Jun-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706090

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706090-001A	AOC9-TB05		6/18/2007	6/19/2007
0706090-002A	AOC9TW83-GW		6/18/2007	6/19/2007
0706090-003A	AOC9-TW42-GW		6/18/2007	6/19/2007
0706090-004A	AOC9-TW84-GW		6/18/2007	6/19/2007
0706090-005A	AOC9-TW85-GW		6/18/2007	6/19/2007
0706090-006A	AOC9-TW87-GW		6/18/2007	6/19/2007
0706090-007A	AOC9-TW66-GW		6/18/2007	6/19/2007

Lab Order: 0706082
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706082-001A	AOC9-TB04	6/14/2007 1:10:00 PM	Water Q	Volatile Organic Compounds by GC/MS			6/22/2007
0706082-002A	AOC9-TW60-GW	6/14/2007 2:17:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/22/2007
0706082-003A	AOC9-TW73-GW	6/14/2007 3:29:00 PM		Volatile Organic Compounds by GC/MS			6/22/2007
0706082-004A	AOC9-TW72-GW	6/14/2007 4:04:00 PM		Volatile Organic Compounds by GC/MS			6/22/2007
0706082-005A	AOC9-TW58-GW	6/14/2007 4:57:00 PM		Volatile Organic Compounds by GC/MS			6/22/2007
0706082-006A	AOC9-TW75-GW	6/14/2007 5:57:00 PM		Volatile Organic Compounds by GC/MS			6/22/2007
0706082-007A	AOC9-TW74-GW	6/14/2007 6:22:00 PM		Volatile Organic Compounds by GC/MS			6/22/2007
0706082-008A	AOC9-TW76-GW	6/15/2007 8:14:00 AM		Volatile Organic Compounds by GC/MS			6/25/2007
0706082-009A	AOC9-TW82-GW	6/15/2007 9:01:00 AM		Volatile Organic Compounds by GC/MS			6/15/2007
0706082-010A	AOC9-TW81-GW	6/15/2007 9:47:00 AM		Volatile Organic Compounds by GC/MS			6/15/2007
0706082-011A	AOC9-TW57-GW	6/15/2007 10:32:00 AM		Volatile Organic Compounds by GC/MS			6/15/2007
0706082-012A	AOC9-TW81-GW/D	6/15/2007 9:47:00 AM		Volatile Organic Compounds by GC/MS			6/22/2007
0706082-013A	AOC9-TW54-GW	6/15/2007 11:27:00 AM		Volatile Organic Compounds by GC/MS			6/22/2007

Lab Order: 0706090
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706090-001A	AOC9-TB05	6/18/2007 10:04:00 AM	Water Q	Volatile Organic Compounds by GC/MS			6/19/2007
0706090-002A	AOC9TW83-GW	6/18/2007 1:09:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/19/2007
0706090-003A	AOC9-TW42-GW	6/18/2007 12:27:00 PM		Volatile Organic Compounds by GC/MS			6/19/2007
0706090-004A	AOC9-TW84-GW	6/18/2007 2:12:00 PM		Volatile Organic Compounds by GC/MS			6/19/2007
0706090-005A	AOC9-TW85-GW	6/18/2007 2:49:00 PM		Volatile Organic Compounds by GC/MS			6/19/2007
0706090-006A	AOC9-TW87-GW	6/18/2007 3:27:00 PM		Volatile Organic Compounds by GC/MS			6/19/2007
0706090-007A	AOC9-TW66-GW	6/18/2007 4:05:00 PM		Volatile Organic Compounds by GC/MS			6/19/2007

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Method SW8260							"Comments Concentration"
AOC9-TB04	6/14/07	1310	W	GRAB	2	2							ND
AOC9-TW60-GW	6/14/07	1417	GW		9	9						ND	MS/MSD
AOC9-TW73-GW	6/14/07	1529	GW		3	3							200 ppb
AOC9-TW72-GW	6/14/07	1604	GW		3	3							500 ppb
AOC9-TW58-GW	6/14/07	1657	GW		3	3							ND
AOC9-TW75-GW	6/14/07	1757	GW		3	3							200 ppb
AOC9-TW74-GW	6/14/07	1822	GW	GRAB	3	3							200 ppb
AOC9-TW76-GW	6/15/07	0814	GW		3	3							200 ppb
AOC9-TW82-GW	6/15/07	0901	GW		3	3							ND
AOC9-TW81-GW	6/15/07	0947	GW		3	3							ND
AOC9-TW57-GW	6/15/07	1032	GW		3	3							200 ppb
AOC9-TW81-GW/D	6/15/07	0947	GW	GRAB	3	3							ND

Relinquished by: Robert A Meyers	Date: 6/15/07	Time: 1:20	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Lab:
Shipment Method:			Airbill Number:

Date: | Time:
Date: | Time:
Date: 6/15/07 | Time: 1520

Turnaround Time Required:
Routine
Rush (Specify) 24 hr.

Comments:

Temperature: −1.8°C DN ICE
custody seals INTACT

10

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # (716) 684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Method SW8260	Comments: Estimated Concentration
AOC9-TW54-GW	6/15/07	1127	GW	GRAB	3	3	250ppb

Relinquished by: Robert A Meyers	Date: 6-15-07	Time: 1:20	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab:	Date: 6/15/07	Time: 1320
Shipment Method:			Airbill Number:		

Turnaround Time Required:
Routine
Rush (Specify) 24hr

Comments:

Temperature: -1.8°C on ICE
Custody Seals INTACT

11

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E** Date and Time Received: **6/15/2007 1:20:00 PM**

Work Order Number **0706082** Received by: ads

Checklist completed by: _____ 6/15/07 Reviewed by: MS 6/15/07
Initials / Date / Initials / Date

Matrix: Carrier name: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E & E Griffiss 0706082

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706082-001 → 013	A		DB	06/15/07 10:00	8260	NR

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone #(716) 684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Method SW 8260	Comments "Concentration"
AOC9 - TB05	6/18/07	1004	W	GRAB	2	2	—
AOC9 - TW83-GW		1309	GW		3	3	10 ppb
AOC9 - TW42 - GW		1227			3	3	100 ppb
AOC9 - TW84 - GW		1412			3	3	10 ppb
AOC9 - TW85 - GW		1449			3	3	ND
AOC9 - TW87 - GW		1527	GW		3	3	ND
AOC9 - TW66 - GW	6/18/07	1605	GW		3	3	

Relinquished by:	Date: 6/18/07 Time: 1640	Received by:	Date: 6/18/07 Time: 1640
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/19 Time: 730	Received by Lab: Monika Lintucci	Date: 6/18/07 Time: 730
Shipment Method:		Airbill Number:	

Turnaround Time Required:

Routine

Rush (Specify) 24 hr.

Comments:

Temperature: -1.2°C ON ICE

CUSTODY SEAL INTACT

14

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E** Date and Time Received: **6/19/2007 7:30:00 AM**

Work Order Number **0706090** Received by: MS

Checklist completed by: _____ 6/19/07 Reviewed by: MS 6/19/07
Initials Date Initials Date

Matrix: Carrier name: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action::

Client/Project E&E Griffiss 0706090

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706090-001→007	A		JK	6/19/07 10:00	8260	NR

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B

AAB #: R10054

Lab Name: Life Science Laboratories, Inc.

Contract Number:

Base/Command:

Prime Contractor: Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TB04	0706082-001A
AOC9-TW60-GW	0706082-002A
AOC9-TW60-GW	0706082-002AMS
AOC9-TW60-GW	0706082-002AMSD
AOC9-TW73-GW	0706082-003A
AOC9-TW72-GW	0706082-004A
AOC9-TW58-GW	0706082-005A
AOC9-TW75-GW	0706082-006A
AOC9-TW74-GW	0706082-007A
AOC9-TW81-GW/D	0706082-012A
AOC9-TW54-GW	0706082-013A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/27/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method:	SW8260B	**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Base/Command:		**Prime Contractor:**	Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW76-GW	0706082-008A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/27/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW82-GW	0706082-009A
AOC9-TW81-GW	0706082-010A
AOC9-TW57-GW	0706082-011A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/27/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R9995

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TB05	0706090-001A
AOC9TW83-GW	0706090-002A
AOC9-TW42-GW	0706090-003A
AOC9-TW84-GW	0706090-004A
AOC9-TW85-GW	0706090-005A
AOC9-TW87-GW	0706090-006A
AOC9-TW66-GW	0706090-007A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 6/27/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB04	**Lab Sample ID:**	0706082-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9093.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB04	**Lab Sample ID:**	0706082-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9093.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB04	**Lab Sample ID:**	0706082-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9093.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	109	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	534312	353482 - 1413926	
Chlorobenzene-d5	664095	383378 - 1533514	
Fluorobenzene	1584973	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9084.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9084.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.140	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9084.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	72 - 119	
4-Bromofluorobenzene	96	76 - 119	
Dibromofluoromethane	106	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	599733	353482 - 1413926	
Chlorobenzene-d5	709619	383378 - 1533514	
Fluorobenzene	1703274	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9077.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	22.4	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	11.0	1		
1,1,1-Trichloroethane	0.0150	1.00	10.9	1		
1,1,2,2-Tetrachloroethane	0.0810	0.500	10.0	1		
1,1,2-Trichloroethane	0.0280	1.00	10.7	1		
1,1-Dichloroethane	0.0330	1.00	10.1	1		
1,1-Dichloroethene	0.0460	1.00	11.3	1		
1,1-Dichloropropene	0.0240	1.00	10.8	1		
1,2,3-Trichlorobenzene	0.0360	1.00	10.3	1		
1,2,3-Trichloropropane	0.0460	1.00	9.73	1		
1,2,4-Trichlorobenzene	0.0250	1.00	10.0	1		
1,2,4-Trimethylbenzene	0.0120	1.00	10.4	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	9.60	1		
1,2-Dibromoethane	0.0350	1.00	11.0	1		
1,2-Dichlorobenzene	0.0190	1.00	10.8	1		
1,2-Dichloroethane	0.0240	0.500	9.96	1		
1,2-Dichloropropane	0.0260	1.00	10.2	1		
1,3,5-Trimethylbenzene	0.0130	1.00	10.5	1		
1,3-Dichlorobenzene	0.0200	1.00	10.8	1		
1,3-Dichloropropane	0.0230	0.500	10.6	1		
1,4-Dichlorobenzene	0.0170	0.500	10.6	1		
1-Chlorohexane	0.0470	1.00	10.4	1		
2,2-Dichloropropane	0.0820	1.00	10.3	1		
2-Butanone	0.649	10.0	19.0	1		
2-Chlorotoluene	0.0120	1.00	10.4	1		
4-Chlorotoluene	0.0170	1.00	10.4	1		
4-Methyl-2-pentanone	0.375	10.0	19.2	1		
Acetone	0.823	10.0	18.1	1		
Benzene	0.0100	0.500	10.7	1		
Bromobenzene	0.0280	1.00	10.8	1		
Bromochloromethane	0.0590	1.00	10.9	1		
Bromodichloromethane	0.0310	0.500	9.86	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9077.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	9.70	1		
Bromomethane	0.0590	3.00	10.5	1		
Carbon tetrachloride	0.0320	1.00	10.7	1		
Chlorobenzene	0.0110	0.500	11.3	1		
Chloroethane	0.116	1.00	10.9	1		
Chloroform	0.0290	0.500	10.3	1		
Chloromethane	0.126	1.00	10.9	1		
cis-1,2-Dichloroethene	0.0320	1.00	11.0	1		
cis-1,3-Dichloropropene	0.0210	0.500	10.2	1		
Dibromochloromethane	0.0410	0.500	10.8	1		
Dibromomethane	0.0380	1.00	10.3	1		
Dichlorodifluoromethane	0.0670	1.00	12.4	1		
Ethylbenzene	0.0240	1.00	11.0	1		
Hexachlorobutadiene	0.0610	0.600	9.97	1		
Isopropylbenzene	0.0210	1.00	10.8	1		
Methyl tert-butyl ether	0.0250	5.00	10.8	1		
Methylene chloride	0.0340	1.00	10.4	1		
n-Butylbenzene	0.0130	1.00	9.95	1		
n-Propylbenzene	0.00900	1.00	10.8	1		
Naphthalene	0.0240	1.00	10.8	1		
o-Xylene	0.0140	1.00	11.0	1		
p-Isopropyltoluene	0.0140	1.00	11.0	1		
sec-Butylbenzene	0.0170	1.00	11.1	1		
Styrene	0.0200	1.00	9.76	1		
tert-Butylbenzene	0.0160	1.00	10.6	1		
Tetrachloroethene	0.0300	1.00	11.4	1		
Toluene	0.0180	1.00	11.2	1		
trans-1,2-Dichloroethene	0.0270	1.00	11.2	1		
trans-1,3-Dichloropropene	0.0290	1.00	10.5	1		
Trichloroethene	0.0270	1.00	10.5	1		
Trichlorofluoromethane	0.0200	1.00	10.7	1		
Vinyl chloride	0.0380	1.00	11.6	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9077.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	33.5	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	72 - 119	
4-Bromofluorobenzene	100	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	825400	353482 - 1413926	
Chlorobenzene-d5	857781	383378 - 1533514	
Fluorobenzene	1976852	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9078.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	21.0	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	10.3	1		
1,1,1-Trichloroethane	0.0150	1.00	10.3	1		
1,1,2,2-Tetrachloroethane	0.0810	0.500	9.59	1		
1,1,2-Trichloroethane	0.0280	1.00	9.95	1		
1,1-Dichloroethane	0.0330	1.00	9.77	1		
1,1-Dichloroethene	0.0460	1.00	10.7	1		
1,1-Dichloropropene	0.0240	1.00	10.1	1		
1,2,3-Trichlorobenzene	0.0360	1.00	9.78	1		
1,2,3-Trichloropropane	0.0460	1.00	9.42	1		
1,2,4-Trichlorobenzene	0.0250	1.00	9.81	1		
1,2,4-Trimethylbenzene	0.0120	1.00	9.90	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	9.11	1		
1,2-Dibromoethane	0.0350	1.00	10.3	1		
1,2-Dichlorobenzene	0.0190	1.00	10.5	1		
1,2-Dichloroethane	0.0240	0.500	9.18	1		
1,2-Dichloropropane	0.0260	1.00	9.55	1		
1,3,5-Trimethylbenzene	0.0130	1.00	10.0	1		
1,3-Dichlorobenzene	0.0200	1.00	10.6	1		
1,3-Dichloropropane	0.0230	0.500	9.88	1		
1,4-Dichlorobenzene	0.0170	0.500	10.1	1		
1-Chlorohexane	0.0470	1.00	9.82	1		
2,2-Dichloropropane	0.0820	1.00	9.49	1		
2-Butanone	0.649	10.0	18.3	1		
2-Chlorotoluene	0.0120	1.00	10.0	1		
4-Chlorotoluene	0.0170	1.00	10.1	1		
4-Methyl-2-pentanone	0.375	10.0	18.4	1		
Acetone	0.823	10.0	18.0	1		
Benzene	0.0100	0.500	10.1	1		
Bromobenzene	0.0280	1.00	10.4	1		
Bromochloromethane	0.0590	1.00	10.1	1		
Bromodichloromethane	0.0310	0.500	9.38	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9078.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	9.38	1		
Bromomethane	0.0590	3.00	10.0	1		
Carbon tetrachloride	0.0320	1.00	10.2	1		
Chlorobenzene	0.0110	0.500	10.6	1		
Chloroethane	0.116	1.00	10.6	1		
Chloroform	0.0290	0.500	9.67	1		
Chloromethane	0.126	1.00	10.1	1		
cis-1,2-Dichloroethene	0.0320	1.00	10.4	1		
cis-1,3-Dichloropropene	0.0210	0.500	9.59	1		
Dibromochloromethane	0.0410	0.500	9.98	1		
Dibromomethane	0.0380	1.00	9.54	1		
Dichlorodifluoromethane	0.0670	1.00	11.5	1		
Ethylbenzene	0.0240	1.00	10.5	1		
Hexachlorobutadiene	0.0610	0.600	9.40	1		
Isopropylbenzene	0.0210	1.00	10.6	1		
Methyl tert-butyl ether	0.0250	5.00	10.1	1		
Methylene chloride	0.0340	1.00	9.75	1		
n-Butylbenzene	0.0130	1.00	9.44	1		
n-Propylbenzene	0.00900	1.00	10.5	1		
Naphthalene	0.0240	1.00	10.2	1		
o-Xylene	0.0140	1.00	10.5	1		
p-Isopropyltoluene	0.0140	1.00	10.6	1		
sec-Butylbenzene	0.0170	1.00	10.7	1		
Styrene	0.0200	1.00	8.59	1		
tert-Butylbenzene	0.0160	1.00	10.4	1		
Tetrachloroethene	0.0300	1.00	10.9	1		
Toluene	0.0180	1.00	10.3	1		
trans-1,2-Dichloroethene	0.0270	1.00	10.3	1		
trans-1,3-Dichloropropene	0.0290	1.00	9.75	1		
Trichloroethene	0.0270	1.00	10.0	1		
Trichlorofluoromethane	0.0200	1.00	9.89	1		
Vinyl chloride	0.0380	1.00	10.9	1		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW60-GW	**Lab Sample ID:**	0706082-002AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9078.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	31.5	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	93	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	823048	353482 - 1413926	
Chlorobenzene-d5	881992	383378 - 1533514	
Fluorobenzene	2058790	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW73-GW	**Lab Sample ID:**	0706082-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9085.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW73-GW	**Lab Sample ID:**	0706082-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9085.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.130	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW73-GW	**Lab Sample ID:**	0706082-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9085.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	109	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	608276	353482 - 1413926	
Chlorobenzene-d5	726542	383378 - 1533514	
Fluorobenzene	1706317	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW72-GW	**Lab Sample ID:**	0706082-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9086.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW72-GW	**Lab Sample ID:**	0706082-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9086.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW72-GW	**Lab Sample ID:**	0706082-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9086.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	568655	353482 - 1413926	
Chlorobenzene-d5	706821	383378 - 1533514	
Fluorobenzene	1673846	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW58-GW	**Lab Sample ID:**	0706082-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9087.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW58-GW	**Lab Sample ID:**	0706082-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9087.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW58-GW	**Lab Sample ID:**	0706082-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9087.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	101	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	552187	353482 - 1413926	
Chlorobenzene-d5	693901	383378 - 1533514	
Fluorobenzene	1659166	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW75-GW	**Lab Sample ID:**	0706082-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9088.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW75-GW	**Lab Sample ID:**	0706082-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9088.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.440	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW75-GW	**Lab Sample ID:**	0706082-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9088.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	553326	353482 - 1413926	
Chlorobenzene-d5	690656	383378 - 1533514	
Fluorobenzene	1681282	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW74-GW	**Lab Sample ID:**	0706082-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9089.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW74-GW	**Lab Sample ID:**	0706082-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9089.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.120	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW74-GW	**Lab Sample ID:**	0706082-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9089.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	100	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	107	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	554006	353482 - 1413926	
Chlorobenzene-d5	689984	383378 - 1533514	
Fluorobenzene	1666320	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW76-GW	**Lab Sample ID:**	0706082-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9155.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW76-GW	**Lab Sample ID:**	0706082-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9155.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.720	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW76-GW	**Lab Sample ID:**	0706082-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9155.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	97	72 - 119	
4-Bromofluorobenzene	97	76 - 119	
Dibromofluoromethane	110	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	572651	353482 - 1413926	
Chlorobenzene-d5	655591	383378 - 1533514	
Fluorobenzene	1590733	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW82-GW	**Lab Sample ID:**	0706082-009A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8992.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		UQ
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW82-GW	**Lab Sample ID:**	0706082-009A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8992.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW82-GW	**Lab Sample ID:**	0706082-009A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8992.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	72 - 119	
4-Bromofluorobenzene	92	76 - 119	
Dibromofluoromethane	115	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	501029	285814 - 1143254	
Chlorobenzene-d5	806271	442492 - 1769968	
Fluorobenzene	1782359	937604 - 3750418	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW81-GW	**Lab Sample ID:**	0706082-010A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8993.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		UQ
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW81-GW	**Lab Sample ID:**	0706082-010A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8993.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW81-GW	**Lab Sample ID:**	0706082-010A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8993.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	96	76 - 119	
Dibromofluoromethane	115	85 - 115	
Toluene-d8	110	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	549531	285814 - 1143254	
Chlorobenzene-d5	780223	442492 - 1769968	
Fluorobenzene	1693647	937604 - 3750418	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW57-GW	**Lab Sample ID:**	0706082-011A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8994.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		UQ
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.120	1		F
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.180	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW57-GW	**Lab Sample ID:**	0706082-011A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8994.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.300	1		F
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.350	1		F
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW57-GW	**Lab Sample ID:**	0706082-011A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	976	**File ID:**	T8994.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	15-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	113	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	550214	285814 - 1143254	
Chlorobenzene-d5	821441	442492 - 1769968	
Fluorobenzene	1824741	937604 - 3750418	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW81-GW/D	**Lab Sample ID:**	0706082-012A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9091.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW81-GW/D	**Lab Sample ID:**	0706082-012A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9091.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW81-GW/D	**Lab Sample ID:**	0706082-012A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9091.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	106	85 - 115	
Toluene-d8	110	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	616268	353482 - 1413926	
Chlorobenzene-d5	691377	383378 - 1533514	
Fluorobenzene	1634530	866434 - 3465734	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

AOC9-TW81-GW/D

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060820

Matrix: (soil/water) WATER Lab Sample ID: 0706082-012A

Sample wt/vol: 10 (g/mL) ML Lab File ID: T9091.D

Level: LOW Date Received: 6/15/2007

% Moisture: not dec. Date Analyzed: 6/22/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 1 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	006004-38-2	4,7-Methano-1H-indene, octahyd	17.37	10.0	JN

Tentatively Identified Compound (LSC) summary

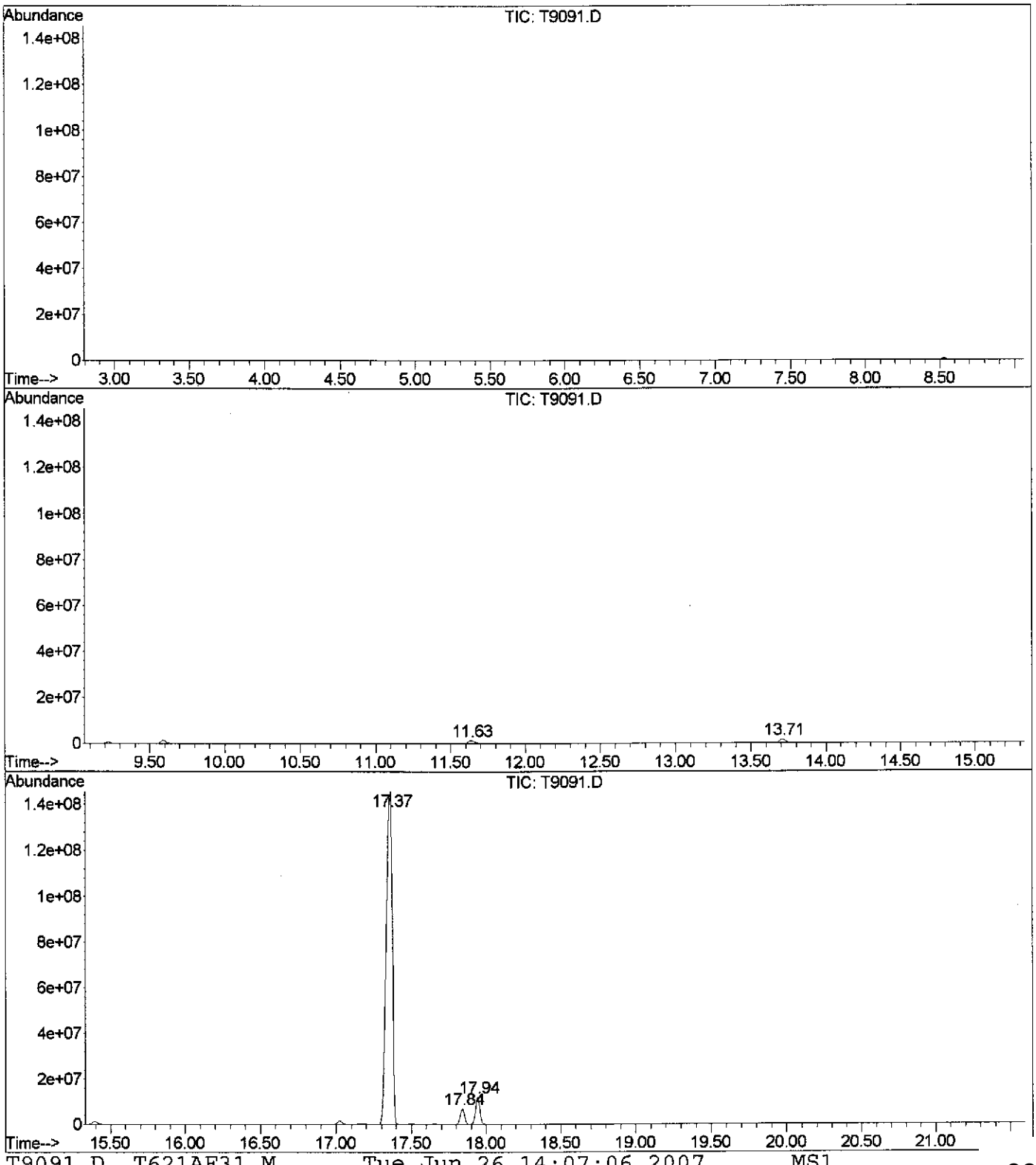
Operator ID: DMB Date Acquired: 22 Jun 2007 21:37
Data File: C:\HPCHEM\1\DATA\T9091.D
Name: 0706082-012A
Misc: SAMP,8260WAF_40CAL,
Method: C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title: VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
4,7-Methano-1H-inden	17.37	10.0	ug/L	419951000	ISTD03	17.02	419951000	10.

T9091.D T621AF31.M Tue Jun 26 14:07:06 2007 MS1

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\T9091.D
Operator : DMB
Acquired : 22 Jun 2007 21:37 using AcqMethod T621VOCW
Instrument : #1MS11
Sample Name: 0706082-012A
Misc Info : SAMP,8260WAF_40CAL,
Vial Number: 34
Quant File :T621AF31.RES (RTE Integrator)



T9091.D T621AF31.M Tue Jun 26 14:07:06 2007 MS1

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\T9091.D
Acq On : 22 Jun 2007 21:37
Sample : 0706082-012A
Misc : SAMP,8260WAF_40CAL,
MS Integration Params: LSCINT.P

Vial: 34
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

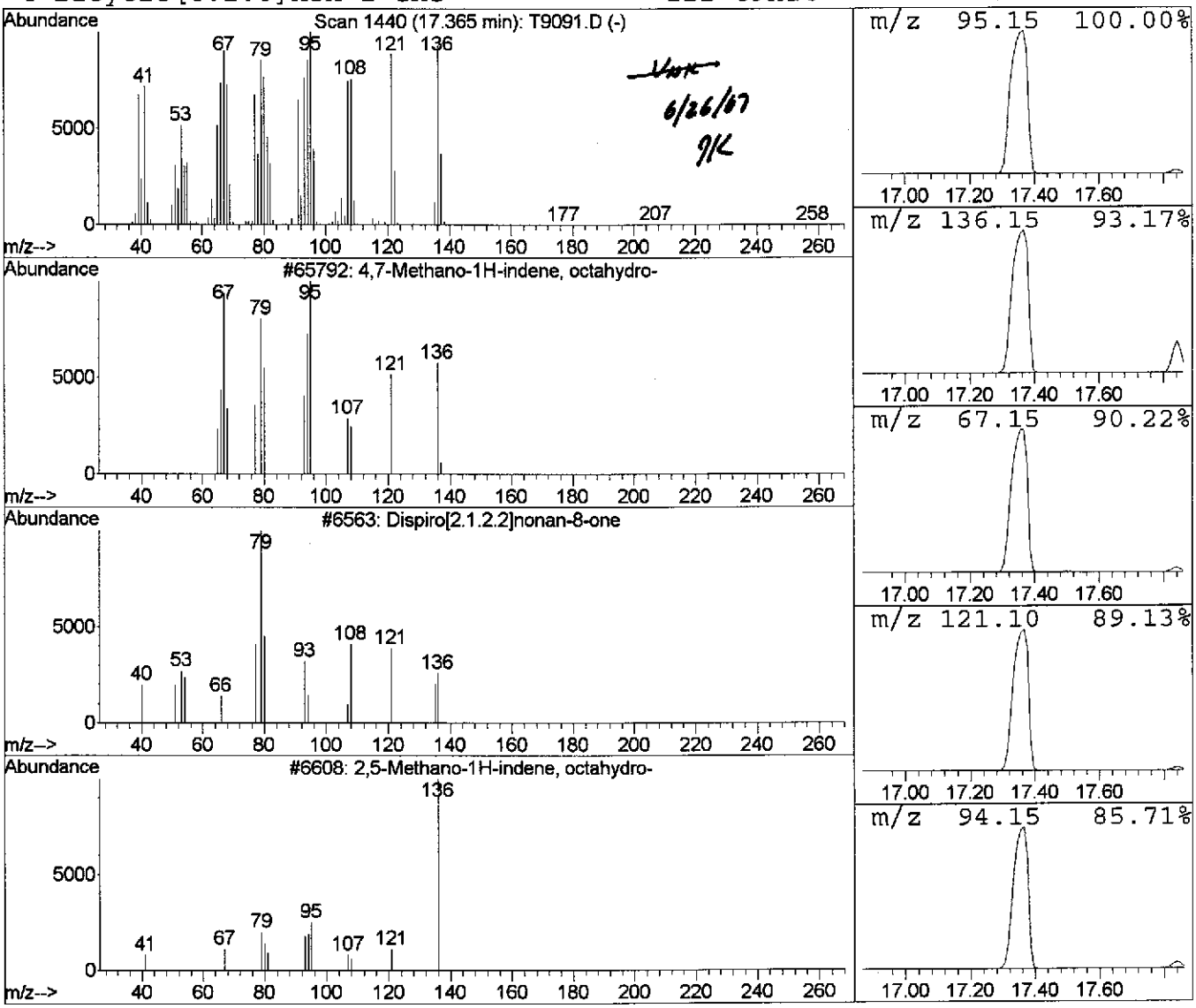
Quant Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 4,7-Methano-1H-indene, octahyd Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	10.00 ug/L	419951000	1,4-Dichlorobenzene-d4	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	53
2	Dispiro[2.1.2.2]nonan-8-one	136	C9H12O	074685-57-7	45
3	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	42
4	Bicyclo[6.1.0]non-1-ene	122	C9H14	002570-06-1	41



6/26/07 JK

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54-GW	**Lab Sample ID:**	0706082-013A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9092.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54-GW	**Lab Sample ID:**	0706082-013A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9092.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54-GW	**Lab Sample ID:**	0706082-013A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9092.D
Date Received:	15-Jun-07	**Date Extracted:**		**Date Analyzed:**	22-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	99	72 - 119	
4-Bromofluorobenzene	91	76 - 119	
Dibromofluoromethane	108	85 - 115	
Toluene-d8	111	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	570595	353482 - 1413926	
Chlorobenzene-d5	679836	383378 - 1533514	
Fluorobenzene	1610161	866434 - 3465734	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

AOC9-TW54-GW

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 0706082O

Matrix: (soil/water) WATER Lab Sample ID: 0706082-013A

Sample wt/vol: 10 (g/mL) ML Lab File ID: T9092.D

Level: LOW Date Received: 6/15/2007

% Moisture: not dec. Date Analyzed: 6/22/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 3 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1	006004-38-2	4,7-Methano-1H-indene, octahyd	17.36	976	JN
2	000281-23-2	Adamantane	17.84	32.6	JN
3	006004-38-2	4,7-Methano-1H-indene, octahyd	17.94	52.9	JN

Tentatively Identified Compound (LSC) summary

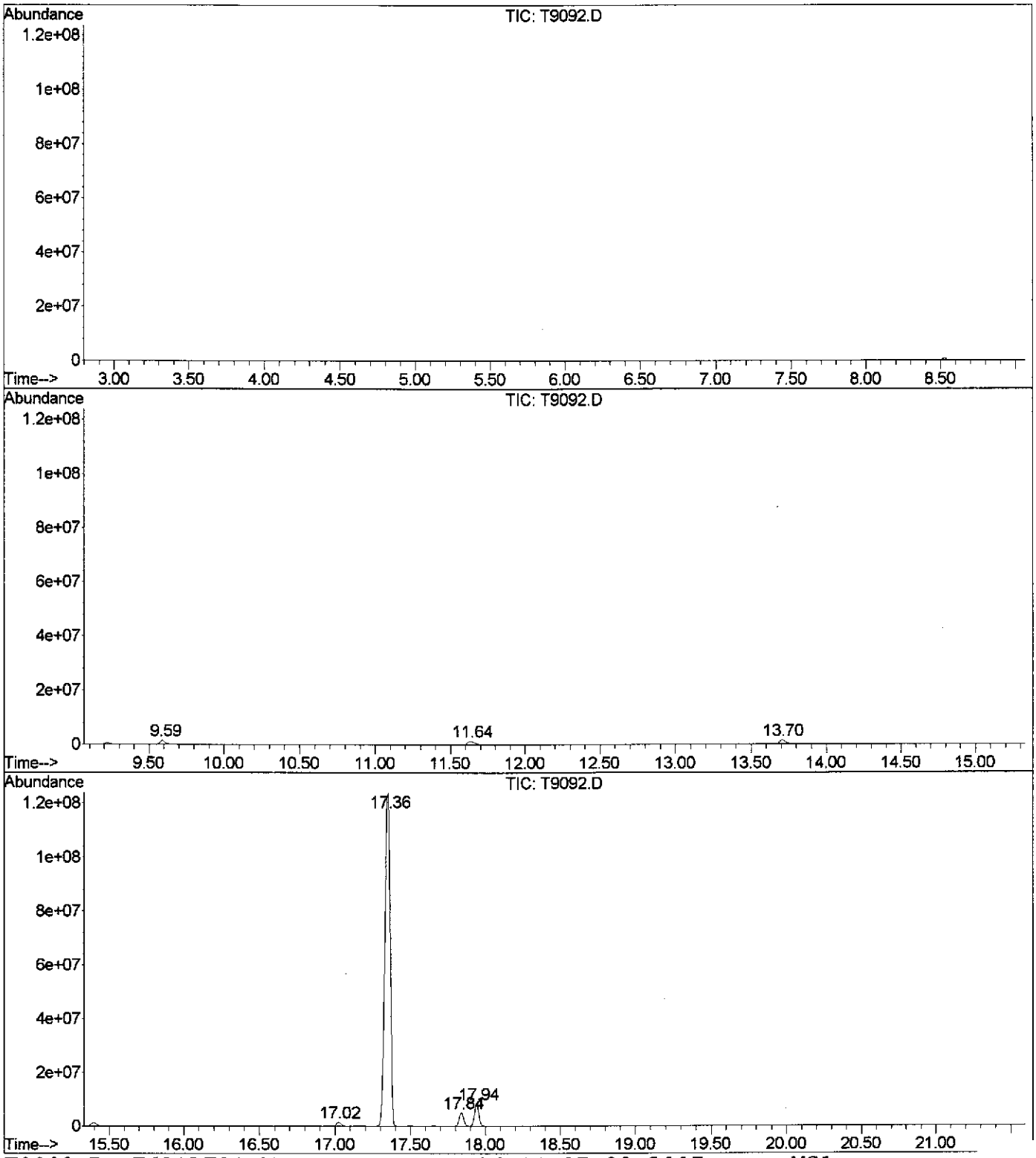
Operator ID: DMB Date Acquired: 22 Jun 2007 22:09
Data File: C:\HPCHEM\1\DATA\T9092.D
Name: 0706082-013A
Misc: SAMP,8260WAF_40CAL,
Method: C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title: VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
4,7-Methano-1H-inden	17.36	976.4	ug/L	315605000	ISTD03	17.02	3232410	10.0
Adamantane	17.84	32.6	ug/L	10539800	ISTD03	17.02	3232410	10.0
4,7-Methano-1H-inden	17.94	52.9	ug/L	17092900	ISTD03	17.02	3232410	10.0

T9092.D T621AF31.M Tue Jun 26 14:07:10 2007 MS1

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\T9092.D
Operator : DMB
Acquired : 22 Jun 2007 22:09 using AcqMethod T621VOCW
Instrument : #1MS11
Sample Name: 0706082-013A
Misc Info : SAMP,8260WAF_40CAL,
Vial Number: 35
Quant File :T621AF31.RES (RTE Integrator)



T9092.D T621AF31.M Tue Jun 26 14:07:09 2007 MS1

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\T9092.D
Acq On : 22 Jun 2007 22:09
Sample : 0706082-013A
Misc : SAMP,8260WAF_40CAL,
MS Integration Params: LSCINT.P

Vial: 35
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

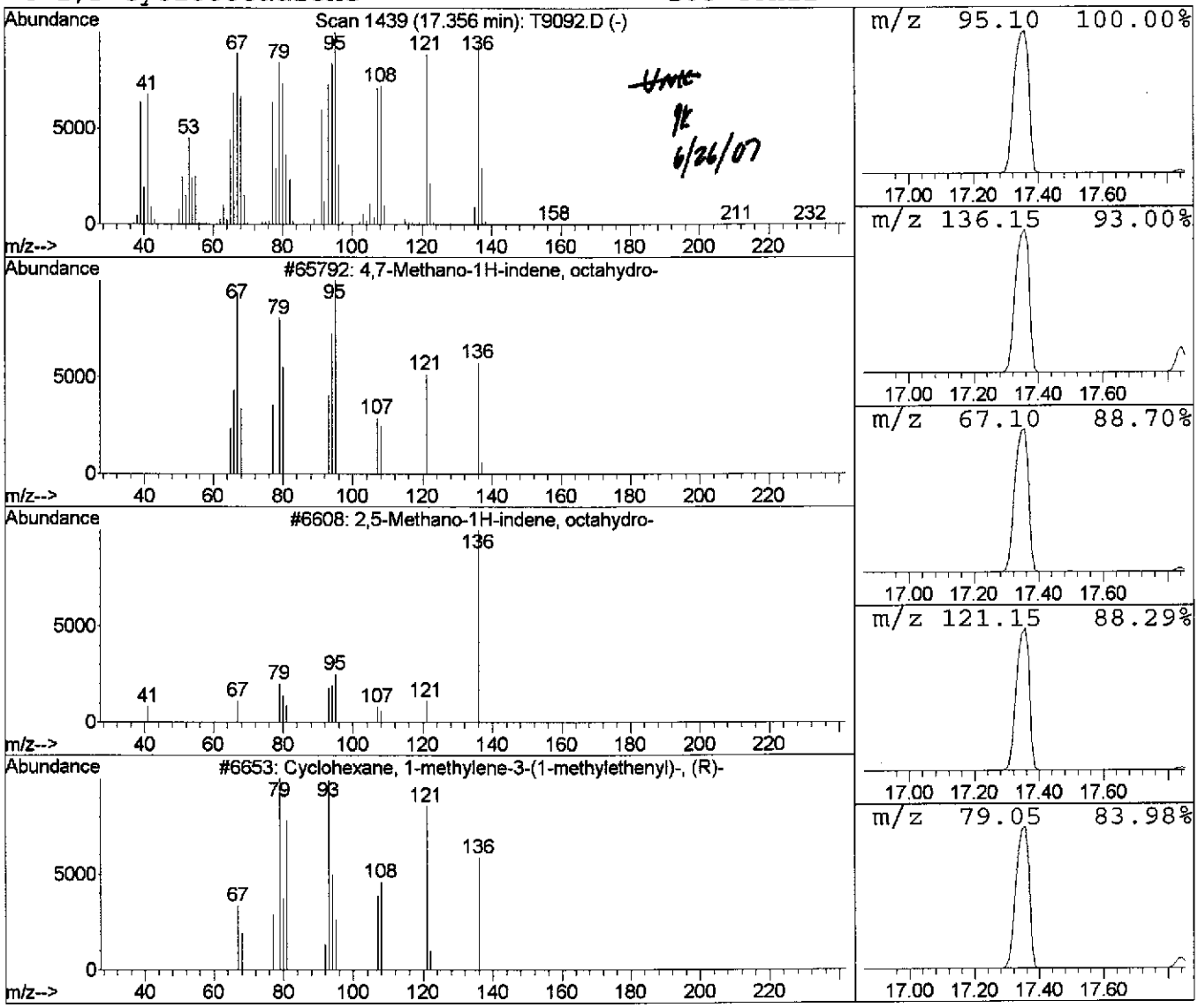
Quant Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 4,7-Methano-1H-indene, octahyd Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	976.38 ug/L	315605000	1,4-Dichlorobenzene-d4	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	70
2	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	50
3	Cyclohexane, 1-methylene-3-(1-methy	136	C10H16	013837-95-1	43
4	1,3-Cyclooctadiene	108	C8H12	001700-10-3	38



6/26/07

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\T9092.D
Acq On : 22 Jun 2007 22:09
Sample : 0706082-013A
Misc : SAMP,8260WAF_40CAL,
MS Integration Params: LSCINT.P

Vial: 35
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

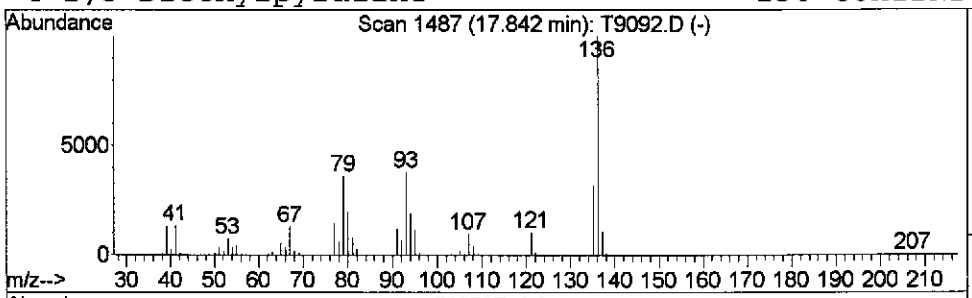
Quant Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Library : C:\DATABASE\NBS75K.L

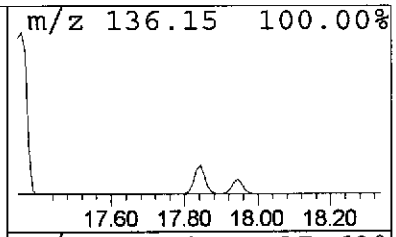
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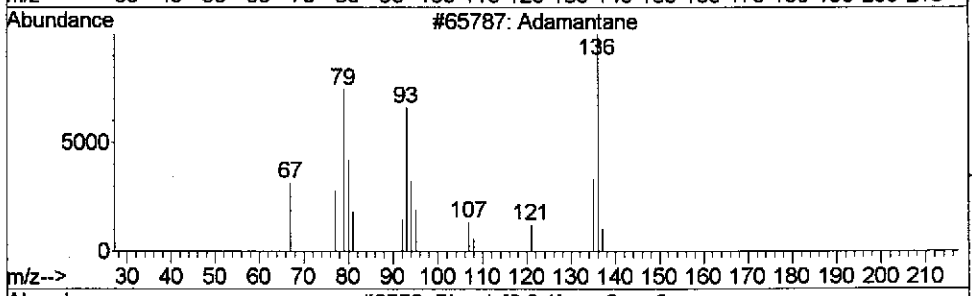
Peak Number 2 Adamantane Concentration Rank 3

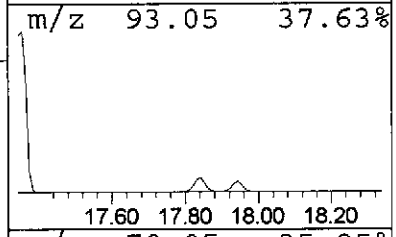
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	32.61 ug/L	10539800	1,4-Dichlorobenzene-d4	17.02

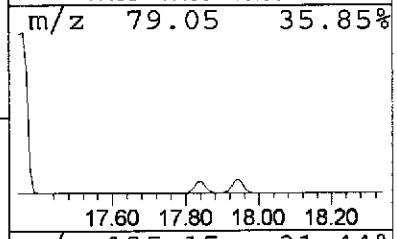
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	97
2	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	59
3	2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	50
4	2,3-Diethylpyrazine	136	C8H12N2	015707-24-1	47

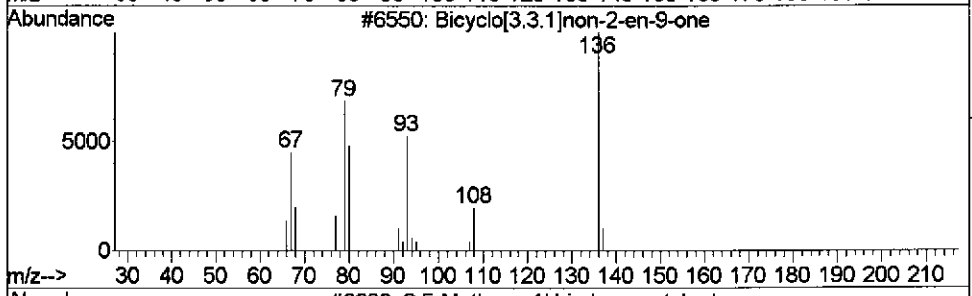


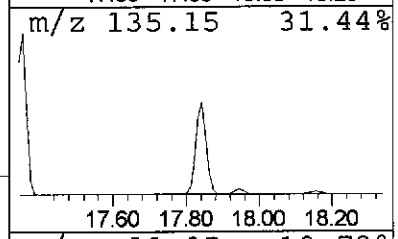


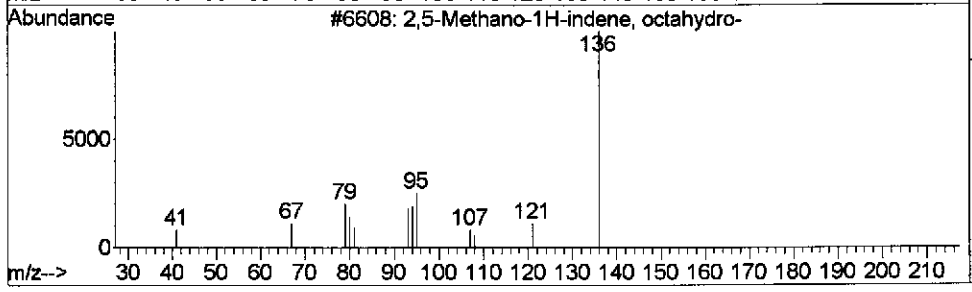


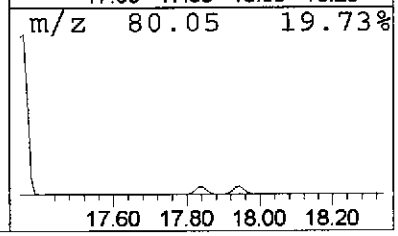












JK 6/26/07

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\T9092.D
Acq On : 22 Jun 2007 22:09
Sample : 0706082-013A
Misc : SAMP,8260WAF_40CAL,
MS Integration Params: LSCINT.P

Vial: 35
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

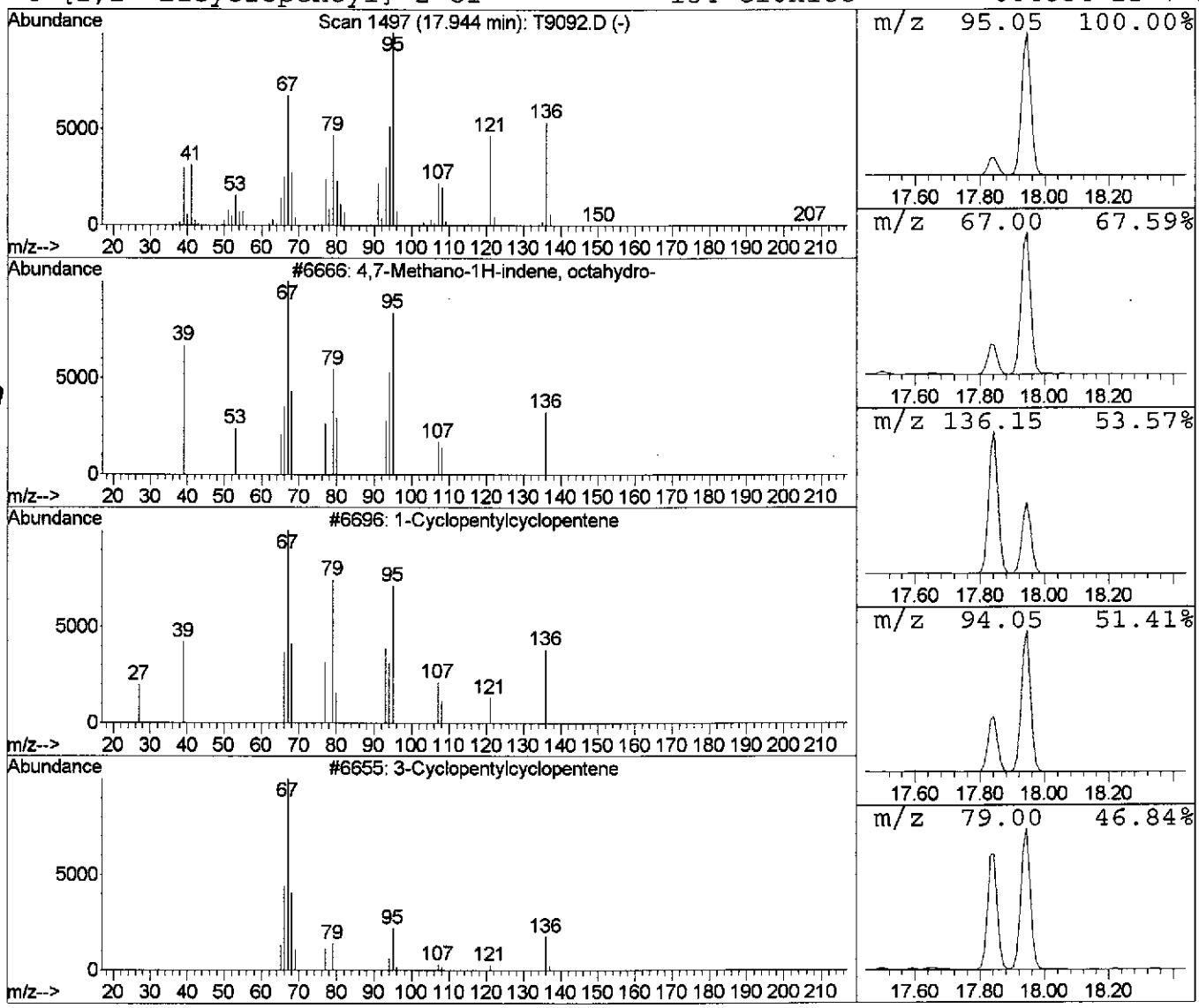
Quant Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 4,7-Methano-1H-indene, octahyd Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	52.88 ug/L	17092900	1,4-Dichlorobenzene-d4	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	98
2	1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	81
3	3-Cyclopentylcyclopentene	136	C10H16	002690-17-7	52
4	[1,1'-Bicyclopentyl]-2-ol	154	C10H18O	004884-25-7	50



JK 6/26/07

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB05	**Lab Sample ID:**	0706090-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3268.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB05	**Lab Sample ID:**	0706090-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3268.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.150	1		F
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB05	**Lab Sample ID:**	0706090-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3268.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):		ug/L		**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	90	76 - 119	
Dibromofluoromethane	109	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	537883	349954 - 1399814	
Chlorobenzene-d5	1014290	532652 - 2130606	
Fluorobenzene	3004019	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9TW83-GW	**Lab Sample ID:**	0706090-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3263.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.240	1		F
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9TW83-GW	**Lab Sample ID:**	0706090-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3263.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	5.26	1		
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.210	1		F
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.410	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9TW83-GW	**Lab Sample ID:**	0706090-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3263.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	107	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	627095	349954 - 1399814	
Chlorobenzene-d5	1129329	532652 - 2130606	
Fluorobenzene	3255544	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW42-GW	**Lab Sample ID:**	0706090-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3262.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.590	1		F
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.360	1		F
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW42-GW	**Lab Sample ID:**	0706090-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3262.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.200	1		F
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW42-GW	**Lab Sample ID:**	0706090-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3262.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	105	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	107	85 - 115	
Toluene-d8	102	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	660263	349954 - 1399814	
Chlorobenzene-d5	1127229	532652 - 2130606	
Fluorobenzene	3296412	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW84-GW	**Lab Sample ID:**	0706090-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3266.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	1.01	1		F
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW84-GW	**Lab Sample ID:**	0706090-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3266.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.210	1		F
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.350	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW84-GW	**Lab Sample ID:**	0706090-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3266.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	107	72 - 119	
4-Bromofluorobenzene	88	76 - 119	
Dibromofluoromethane	107	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	574422	349954 - 1399814	
Chlorobenzene-d5	1059148	532652 - 2130606	
Fluorobenzene	3118386	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW85-GW	**Lab Sample ID:**	0706090-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3267.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW85-GW	**Lab Sample ID:**	0706090-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3267.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.440	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW85-GW	**Lab Sample ID:**	0706090-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3267.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	89	76 - 119	
Dibromofluoromethane	111	85 - 115	
Toluene-d8	102	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	573655	349954 - 1399814	
Chlorobenzene-d5	1038253	532652 - 2130606	
Fluorobenzene	3039181	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW87-GW	**Lab Sample ID:**	0706090-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3265.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW87-GW	**Lab Sample ID:**	0706090-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3265.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.200	1		F
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW87-GW	**Lab Sample ID:**	0706090-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3265.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	111	85 - 115	
Toluene-d8	102	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	619533	349954 - 1399814	
Chlorobenzene-d5	1079276	532652 - 2130606	
Fluorobenzene	3137100	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW66-GW	**Lab Sample ID:**	0706090-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3264.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW66-GW	**Lab Sample ID:**	0706090-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3264.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW66-GW	**Lab Sample ID:**	0706090-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3264.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	19-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	110	85 - 115	
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	642343	349954 - 1399814	
Chlorobenzene-d5	1095361	532652 - 2130606	
Fluorobenzene	3160353	1485912 - 5943646	

Comments:

Quality Control Results

GC/MS Volatile Organics Data

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 01JUN07

Initial Calibration ID: 973

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration

ICAL#973

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.337	0.320	0.263	0.322	0.341	0.340	0.323	8.58
3)	P	Chloromethane	0.360	0.325	0.303	0.369	0.387	0.381	0.355	8.51
4)	CP	Vinyl chloride	0.293	0.274	0.252	0.331	0.360	0.360	0.317	13.79
5)		Bromomethane	0.261	0.264	0.257	0.254	0.253	0.246	0.256	2.28
6)		Chloroethane	0.258	0.213	0.195	0.234	0.242	0.234	0.228	8.91
7)		Trichlorofluorometh	0.408	0.405	0.394	0.484	0.496	0.484	0.450	10.10
8)		Acetone	0.036	0.031	0.029	0.036	0.037	0.037	0.034	9.30
9)		Acrolein	0.016	0.018	0.019	0.025	0.027	0.026	0.022	20.58
10)	CPM	1,1-Dichloroethene	0.149	0.162	0.154	0.188	0.199	0.197	0.179	12.99
11)		Methyl iodide	0.098	0.098	0.127	0.185	0.236	0.249	0.182	41.91
12)		1,1,2-Trichloro-1,2	0.192	0.187	0.173	0.216	0.219	0.213	0.203	9.02
13)		Methyl acetate	0.111	0.086	0.074	0.080	0.089	0.089	0.087	13.48
14)		Acrylonitrile	0.026	0.030	0.038	0.047	0.052	0.050	0.042	25.16
15)		Methylene chloride	0.396	0.363	0.253	0.250	0.262	0.253	0.290	21.45
16)		Carbon disulfide	0.636	0.644	0.589	0.716	0.756	0.737	0.687	9.16
17)		trans-1,2-Dichloroe	0.213	0.200	0.176	0.215	0.239	0.235	0.217	10.73
18)		Methyl tert-Butyl e	0.350	0.344	0.345	0.420	0.476	0.474	0.414	16.20
19)	P	1,1-Dichloroethane	0.355	0.338	0.327	0.414	0.443	0.427	0.387	11.98
20)		Vinyl acetate	0.123	0.098	0.153	0.211	0.251	0.249	0.189	33.76
21)		2-Butanone	0.039	0.040	0.041	0.051	0.057	0.055	0.048	15.96
22)		cis-1,2-Dichloroeth	0.216	0.204	0.200	0.251	0.275	0.270	0.242	13.95
23)		Bromochloromethane	0.089	0.097	0.094	0.109	0.115	0.112	0.105	11.08
24)	CP	Chloroform	0.353	0.327	0.334	0.399	0.428	0.415	0.380	10.84
25)		2,2-Dichloropropane	0.196	0.186	0.186	0.229	0.265	0.272	0.233	19.38
26)		Cyclohexane	0.229	0.222	0.248	0.399	0.422	0.410	0.331	28.00
27)	S	Dibromofluoromethan	0.201	0.177	0.169	0.201	0.212	0.207	0.197	9.01
28)	S	1,2-Dichloroethane-	0.206	0.182	0.181	0.213	0.222	0.215	0.202	7.99 *
29)		1,2-Dichloroethane	0.204	0.200	0.198	0.250	0.269	0.258	0.231	12.98
30)		1,1,1-Trichloroetha	0.249	0.234	0.238	0.294	0.333	0.338	0.290	17.07
31)		1,1-Dichloropropene	0.223	0.216	0.226	0.315	0.342	0.331	0.282	20.34
32)		Carbon tetrachlorid	0.138	0.138	0.141	0.171	0.203	0.210	0.177	22.63
33)	M	Benzene	0.879	0.871	0.850	1.079	1.148	1.094	0.995	12.52
34)	M	Trichloroethene	0.239	0.233	0.214	0.255	0.272	0.268	0.253	10.34
35)		Dibromomethane	0.103	0.092	0.104	0.119	0.125	0.122	0.112	11.12
36)		Methylcyclohexane	0.273	0.268	0.268	0.386	0.414	0.398	0.344	20.34
37)	CP	1,2-Dichloropropane	0.214	0.197	0.193	0.235	0.259	0.250	0.227	11.26
38)		Bromodichloromethan	0.213	0.205	0.209	0.256	0.283	0.281	0.248	15.00
39)		2-Chloroethylvinyl	0.005	0.011	0.013	0.021	0.031	0.033	0.022	57.21
40)		4-Methyl-2-pentanon	0.058	0.075	0.078	0.111	0.128	0.128	0.099	28.79
41)		cis-1,3-Dichloropro	0.185	0.199	0.214	0.285	0.346	0.352	0.278	28.12
42)	S	Toluene-d8	0.603	0.636	0.628	0.820	0.877	0.850	0.753	16.46
43)	CPM	Toluene	0.422	0.439	0.466	0.622	0.674	0.649	0.562	20.17

OK @ 6-7-07

* changed from Average Response factors to Linear Regression

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.124	0.136	0.164	0.213	0.262	0.274	0.209	32.64
45)		1,1,2-Trichloroetha	0.121	0.128	0.123	0.151	0.167	0.156	0.144	13.22
46)		2-Hexanone	0.035	0.036	0.047	0.071	0.086	0.087	0.063	36.87
47)		1,2-Dibromoethane	0.132	0.117	0.119	0.151	0.170	0.166	0.147	16.78
48)	I	Chlorobenzene-d5	ISTD							
49)		1,3-Dichloropropane	0.751	0.729	0.730	0.863	0.954	0.903	0.834	11.43
50)		Dibromochloromethan	0.291	0.339	0.297	0.385	0.477	0.481	0.404	25.38
51)		Tetrachloroethene	0.563	0.542	0.564	0.610	0.639	0.628	0.609	9.77
52)		1-Chlorohexane	0.447	0.481	0.426	0.708	0.818	0.808	0.652	29.85
53)		1,1,1,2-Tetrachloro	0.399	0.389	0.288	0.429	0.522	0.519	0.450	23.36
54)	PM	Chlorobenzene	1.753	1.691	1.441	1.709	1.861	1.780	1.736	8.83
55)	CP	Ethylbenzene	2.543	2.297	2.269	2.902	3.184	2.995	2.749	13.63
56)		(m+p)-Xylene	0.672	0.690	0.711	0.993	1.097	1.057	0.909	22.97
57)		o-Xylene	0.630	0.558	0.622	0.914	1.055	1.026	0.847	28.04
58)		Styrene	0.761	0.878	0.913	1.478	1.758	1.719	1.339	35.34
59)	P	Bromoform	0.143	0.128	0.129	0.176	0.229	0.232	0.188	31.70
60)	S	Bromofluorobenzene	1.270	0.522	0.453	0.646	0.723	0.710	0.726	36.44
61)	I	1,4-Dichlorobenzene-d	ISTD							
62)		trans-1,4-Dichloro-	0.334	0.325	0.409	0.496	0.525	0.509	0.441	19.16
63)	P	1,1,2,2-Tetrachloro	0.777	0.774	0.812	0.885	0.917	0.850	0.832	6.52
64)		Isopropylbenzene	2.318	2.318	2.659	3.812	4.060	3.856	3.255	24.10
65)		1,2,3-Trichloroprop	0.723	0.745	0.589	0.713	0.711	0.672	0.682	8.45
66)		Bromobenzene	0.734	0.701	0.745	0.890	0.947	0.922	0.844	13.46
67)		n-Propylbenzene	2.531	2.600	3.029	4.419	4.676	4.430	3.695	25.33
68)		2-Chlorotoluene	1.875	1.826	2.210	2.851	3.019	2.907	2.498	20.50
69)		4-Chlorotoluene	1.634	1.589	1.957	2.535	2.680	2.575	2.207	21.19
70)		1,3,5-Trimethylbenz	1.633	1.611	1.998	2.871	3.004	2.852	2.402	26.11
71)		tert-Butylbenzene	1.336	1.422	1.525	2.344	2.520	2.430	2.006	27.23
72)		1,2,4-Trimethylbenz	1.498	1.525	1.988	2.740	2.854	2.715	2.291	26.36
73)		sec-Butylbenzene	2.058	1.967	2.563	3.608	3.832	3.638	3.032	26.66
74)		1,3-Dichlorobenzene	1.296	1.262	1.302	1.571	1.644	1.613	1.476	12.18
75)		p-Isopropyltoluene	1.444	1.457	1.735	2.671	2.882	2.763	2.255	29.88
76)		1,4-Dichlorobenzene	1.409	1.404	1.336	1.534	1.622	1.571	1.501	7.80
77)		n-Butylbenzene	1.731	1.575	1.611	2.257	2.412	2.283	2.024	18.08
78)		1,2-Dichlorobenzene	1.186	1.194	1.207	1.455	1.576	1.524	1.388	13.31
79)		1,2-Dibromo-3-chlor	0.018	0.085	0.063	0.083	0.099	0.102	0.079	38.15
80)		1,2,4-Trichlorobenz	0.633	0.583	0.601	0.756	0.843	0.824	0.735	17.47
81)		Hexachlorobutadiene	0.302	0.239	0.248	0.298	0.327	0.309	0.294	12.41
82)		Naphthalene	1.142	1.070	1.016	1.619	1.801	1.727	1.445	24.33
83)		1,2,3-Trichlorobenz	0.551	0.632	0.558	0.722	0.778	0.753	0.689	15.91

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.337		
3)	P	Chloromethane	0.357		
4)	CP	Vinyl chloride	0.347		
5)		Bromomethane	0.254		
6)		Chloroethane	0.223		
7)		Trichlorofluorometh	0.483		
8)		Acetone	0.032		
9)		Acrolein	0.023		
10)	CPM	1,1-Dichloroethene	0.203		
11)		Methyl iodide	0.284		
12)		1,1,2-Trichloro-1,2	0.218		
13)		Methyl acetate	0.081		
14)		Acrylonitrile	0.047		
15)		Methylene chloride	0.251		
16)		Carbon disulfide	0.728		
17)		trans-1,2-Dichloroe	0.239		
3)		Methyl tert-Butyl e	0.490		
9)	P	1,1-Dichloroethane	0.407		
20)		Vinyl acetate	0.238		
21)		2-Butanone	0.051		
22)		cis-1,2-Dichloroeth	0.275		
23)		Bromochloromethane	0.119		
24)	CP	Chloroform	0.405		
25)		2,2-Dichloropropane	0.296		
26)		Cyclohexane	0.388		
27)	S	Dibromofluoromethan	0.216		
28)	S	1,2-Dichloroethane-	0.198		
29)		1,2-Dichloroethane	0.236		
30)		1,1,1-Trichloroetha	0.345		
31)		1,1-Dichloropropene	0.324		
32)		Carbon tetrachlorid	0.235		
33)	M	Benzene	1.048		
34)	M	Trichloroethene	0.290		
35)		Dibromomethane	0.121		
36)		Methylcyclohexane	0.401		
37)	CP	1,2-Dichloropropane	0.239		
38)		Bromodichloromethan	0.285		
39)		2-Chloroethylvinyl	0.037		
40)		4-Methyl-2-pentanon	0.116		
41)		cis-1,3-Dichloropro	0.365		
42)	S	Toluene-d8	0.859		
43)	CPM	Toluene	0.659		

(#) = Out of Range ### Number of calibration levels exceeded format ###

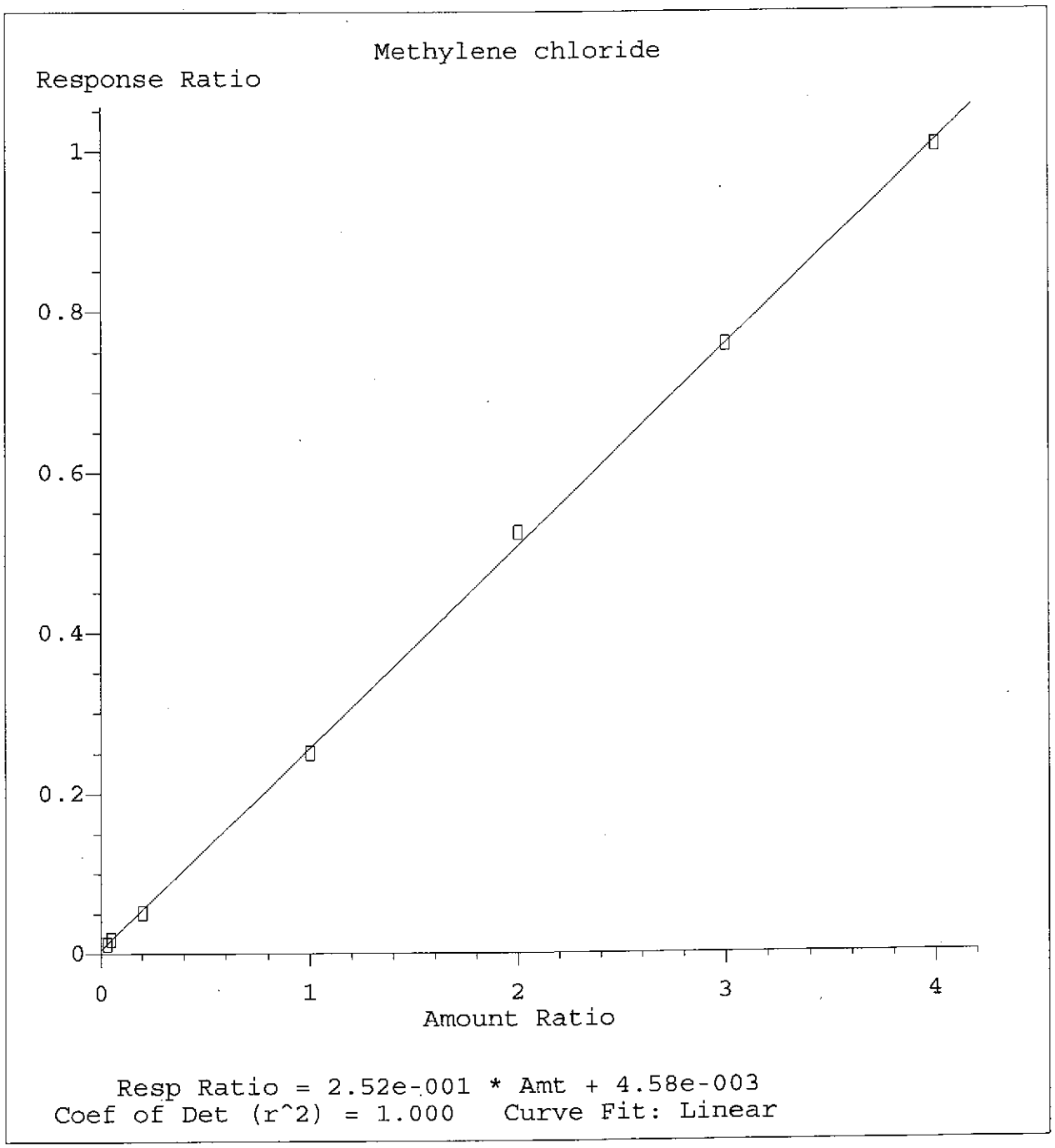
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

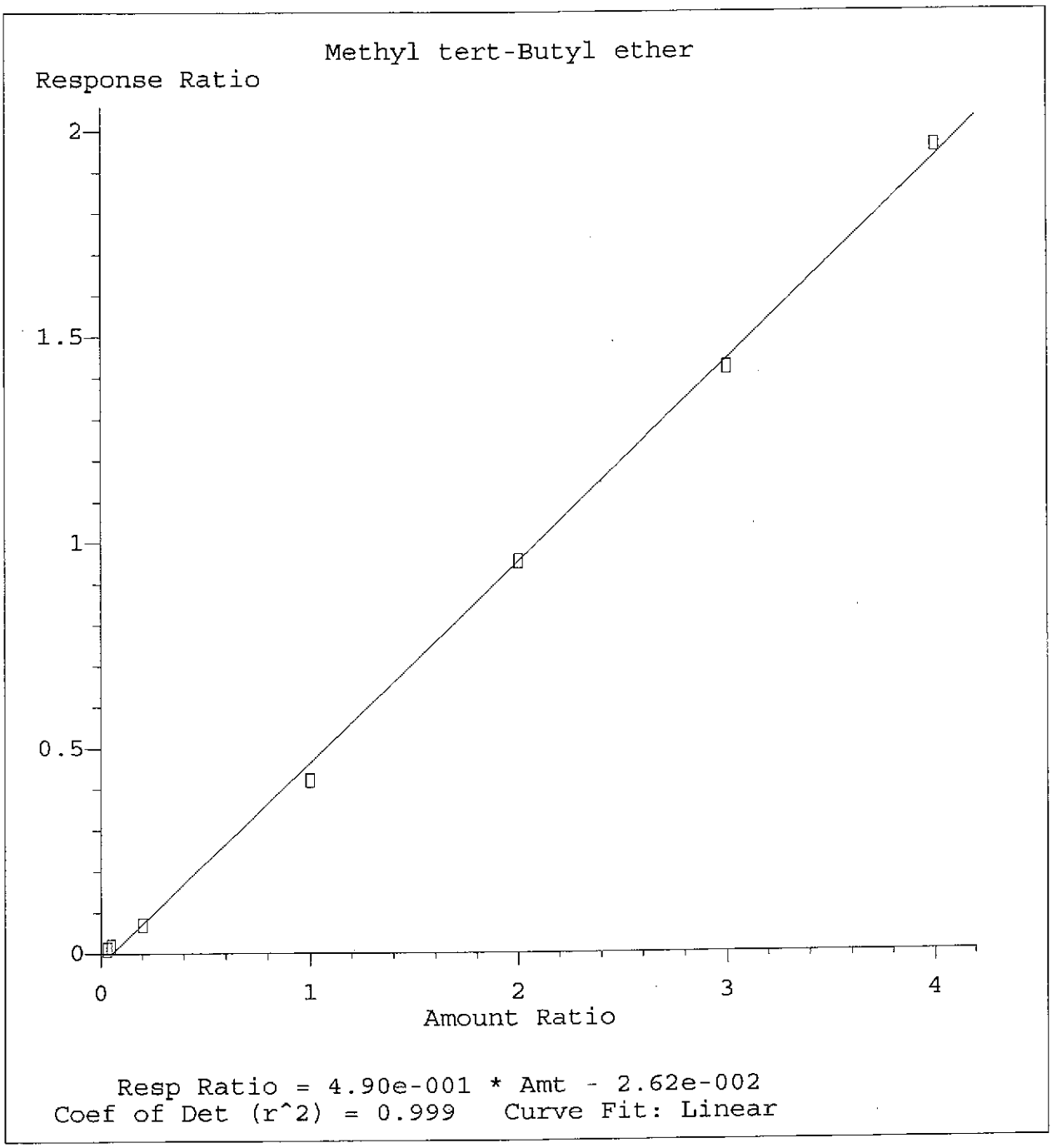
Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.288		
45)		1,1,2-Trichloroetha	0.158		
46)		2-Hexanone	0.080		
47)		1,2-Dibromoethane	0.176		
48)	I	Chlorobenzene-d5	----------ISTD-----		
49)		1,3-Dichloropropane	0.910		
50)		Dibromochloromethan	0.555		
51)		Tetrachloroethene	0.716		
52)		1-Chlorohexane	0.875		
53)		1,1,1,2-Tetrachloro	0.603		
54)	PM	Chlorobenzene	1.918		
55)	CP	Ethylbenzene	3.052		
56)		(m+p)-Xylene	1.142		
57)		o-Xylene	1.125		
58)		Styrene	1.865		
59)	P	Bromoform	0.280		
60)	S	Bromofluorobenzene	0.755		
61)	I	1,4-Dichlorobenzene-d	----------ISTD-----		
62)		trans-1,4-Dichloro-	0.489		
63)	P	1,1,2,2-Tetrachloro	0.808		
64)		Isopropylbenzene	3.766		
65)		1,2,3-Trichloroprop	0.621		
66)		Bromobenzene	0.972		
67)		n-Propylbenzene	4.177		
68)		2-Chlorotoluene	2.795		
69)		4-Chlorotoluene	2.480		
70)		1,3,5-Trimethylbenz	2.841		
71)		tert-Butylbenzene	2.466		
72)		1,2,4-Trimethylbenz	2.716		
73)		sec-Butylbenzene	3.561		
74)		1,3-Dichlorobenzene	1.648		
75)		p-Isopropyltoluene	2.833		
76)		1,4-Dichlorobenzene	1.629		
77)		n-Butylbenzene	2.297		
78)		1,2-Dichlorobenzene	1.577		
79)		1,2-Dibromo-3-chlor	0.101		
80)		1,2,4-Trichlorobenz	0.901		
81)		Hexachlorobutadiene	0.332		
82)		Naphthalene	1.742		
83)		1,2,3-Trichlorobenz	0.828		

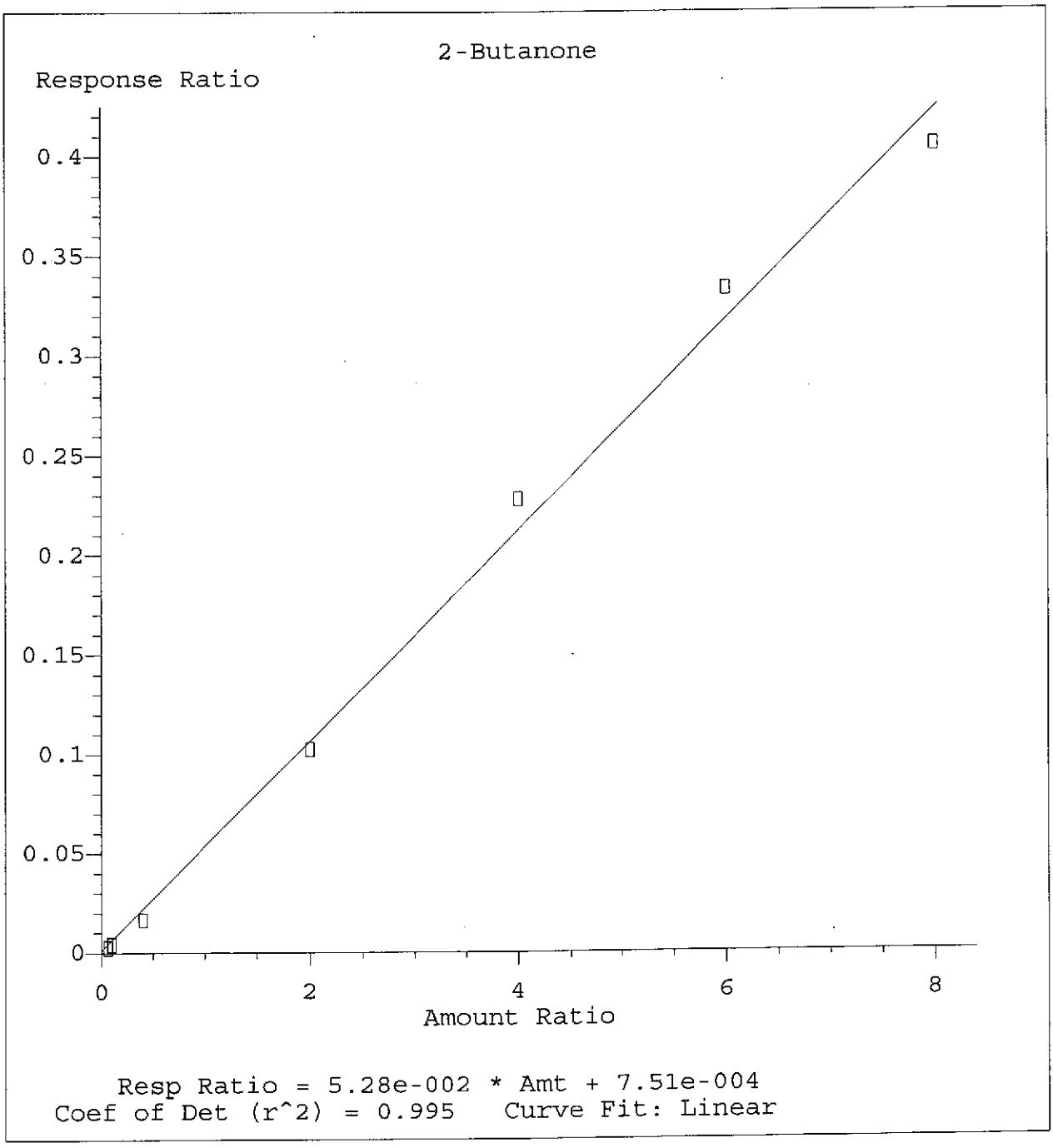
(#) = Out of Range ### Number of calibration levels exceeded format ###



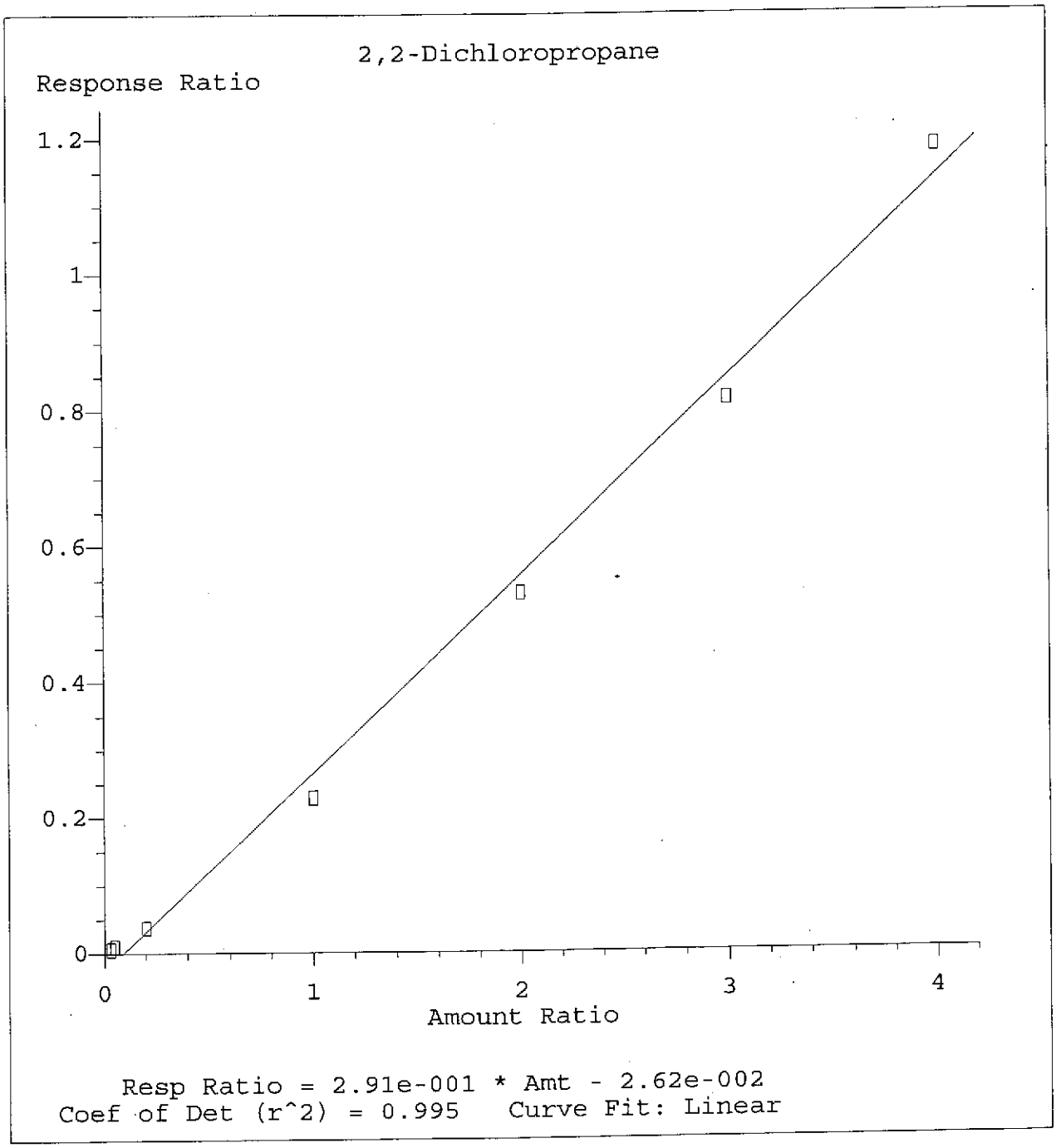
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:00:12 2007



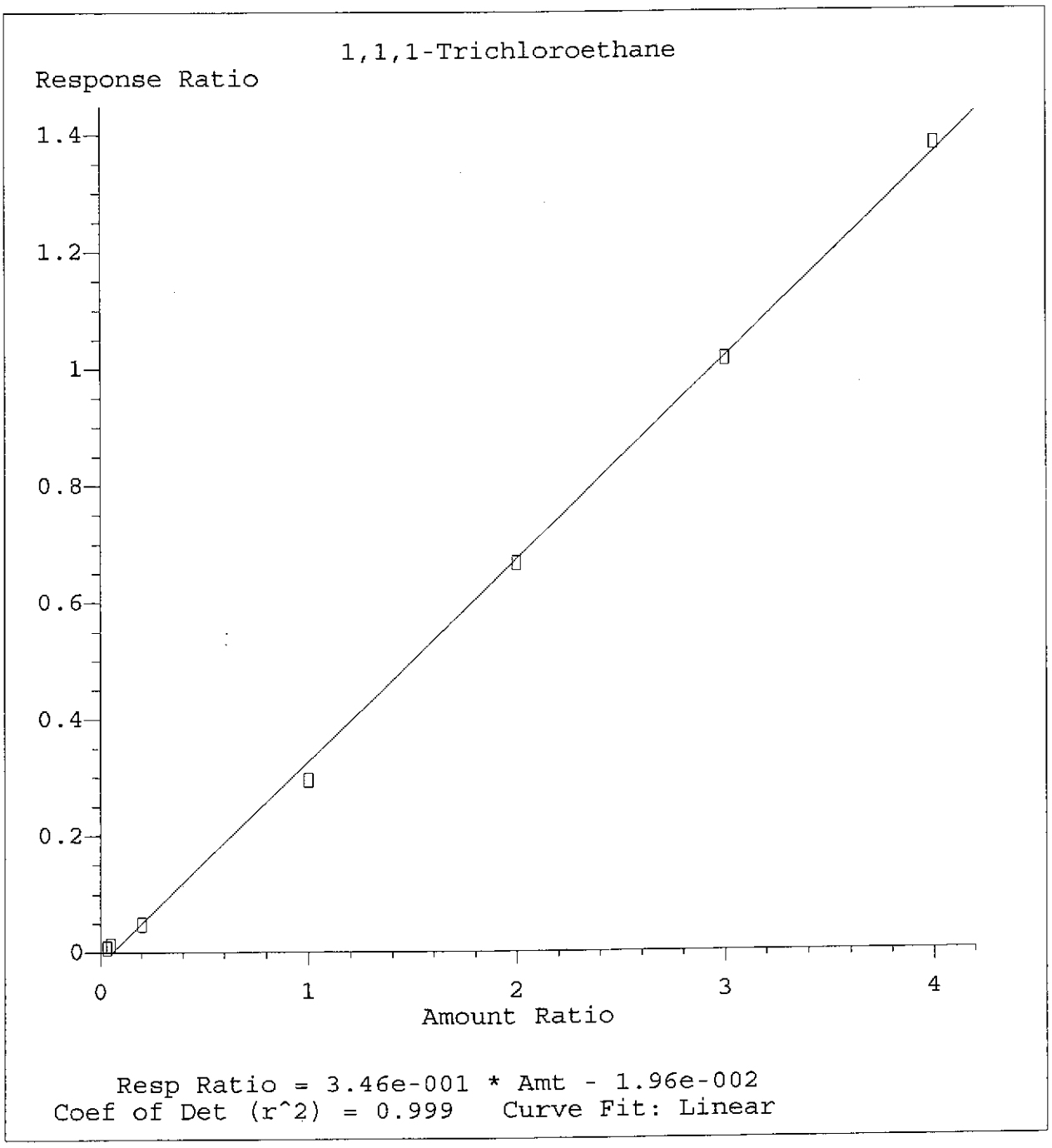
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Calibration Table Last Updated: Mon Jun 04 07:00:38 2007



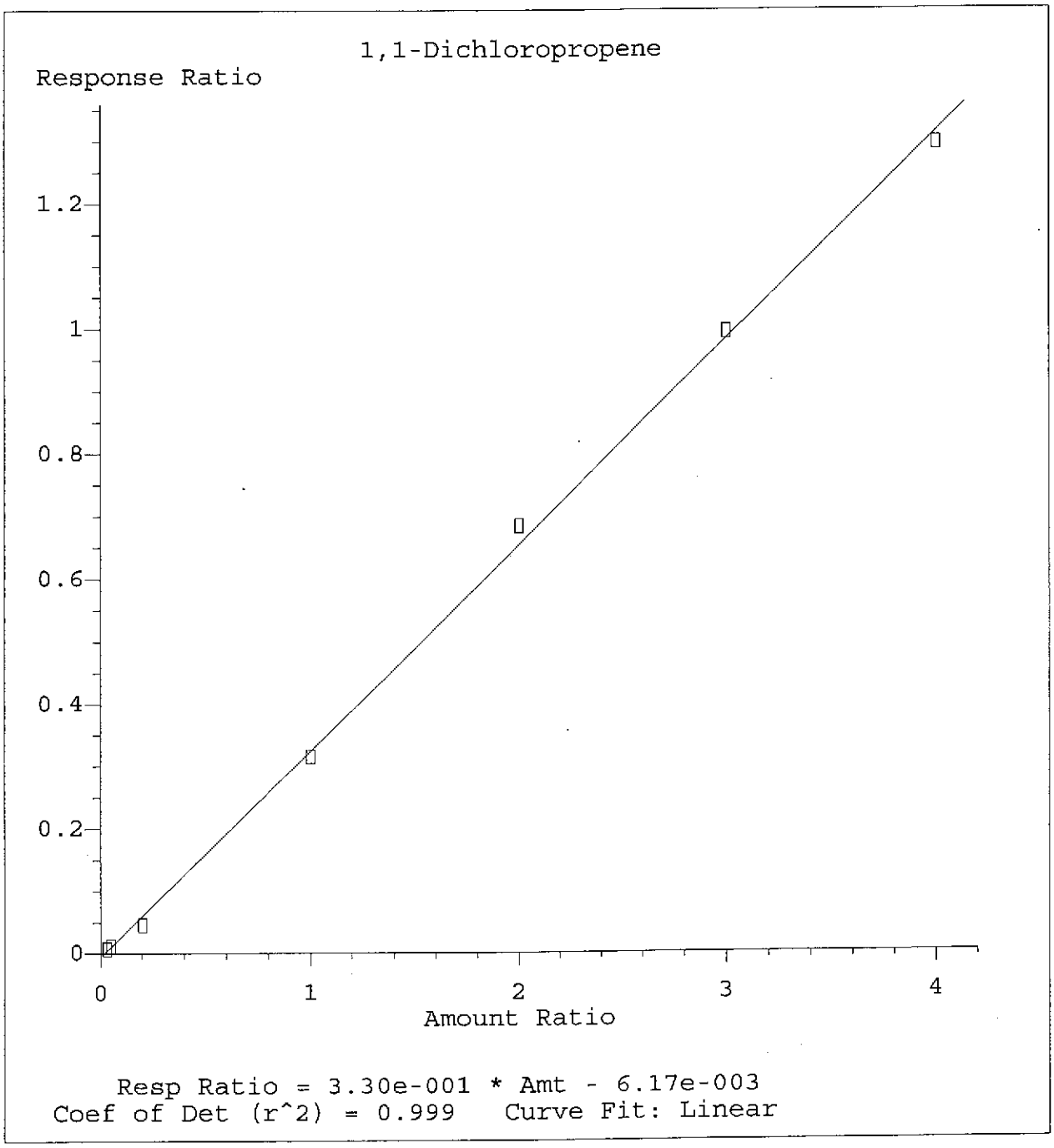
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:01:16 2007



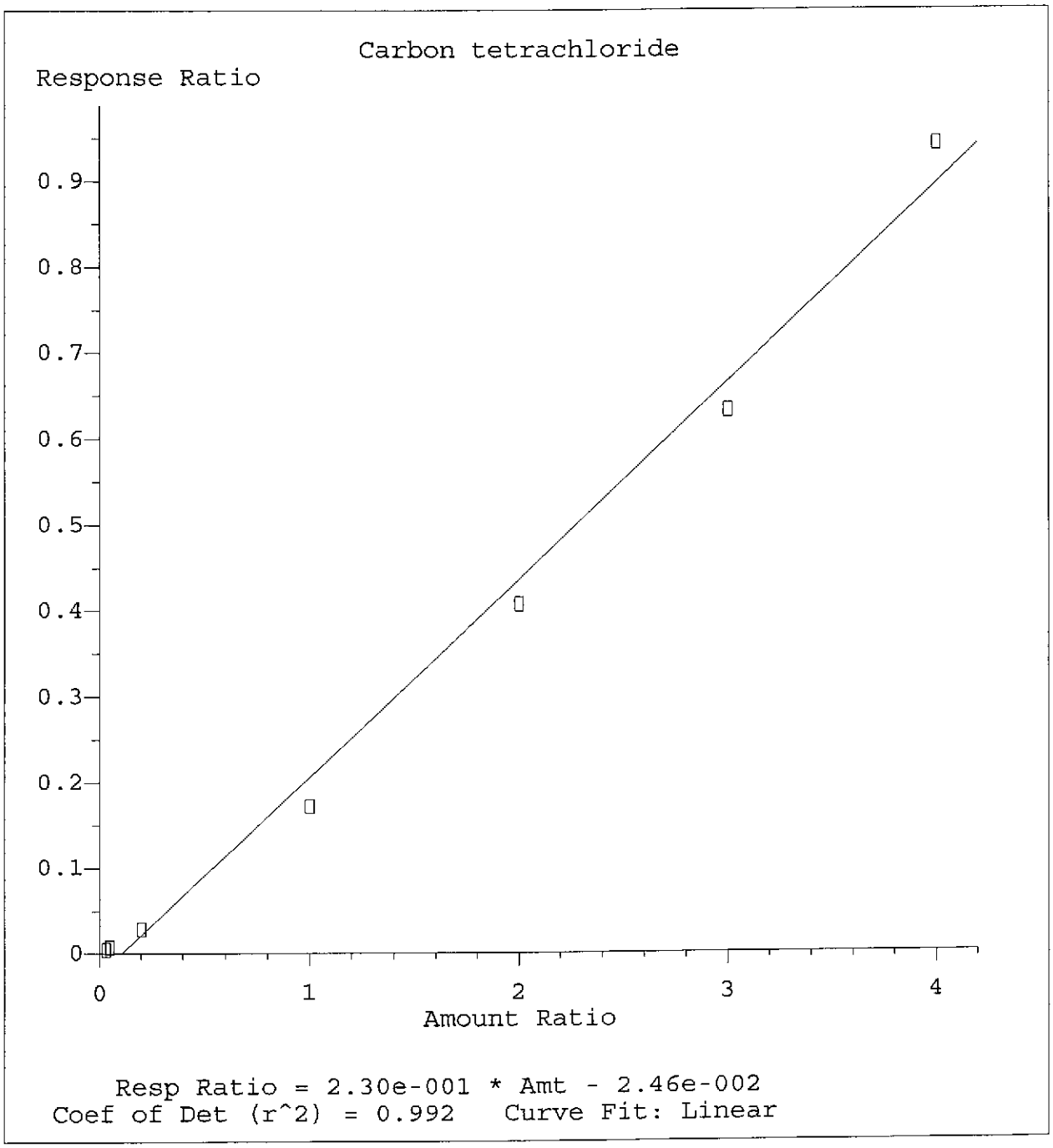
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Calibration Table Last Updated: Mon Jun 04 07:01:34 2007



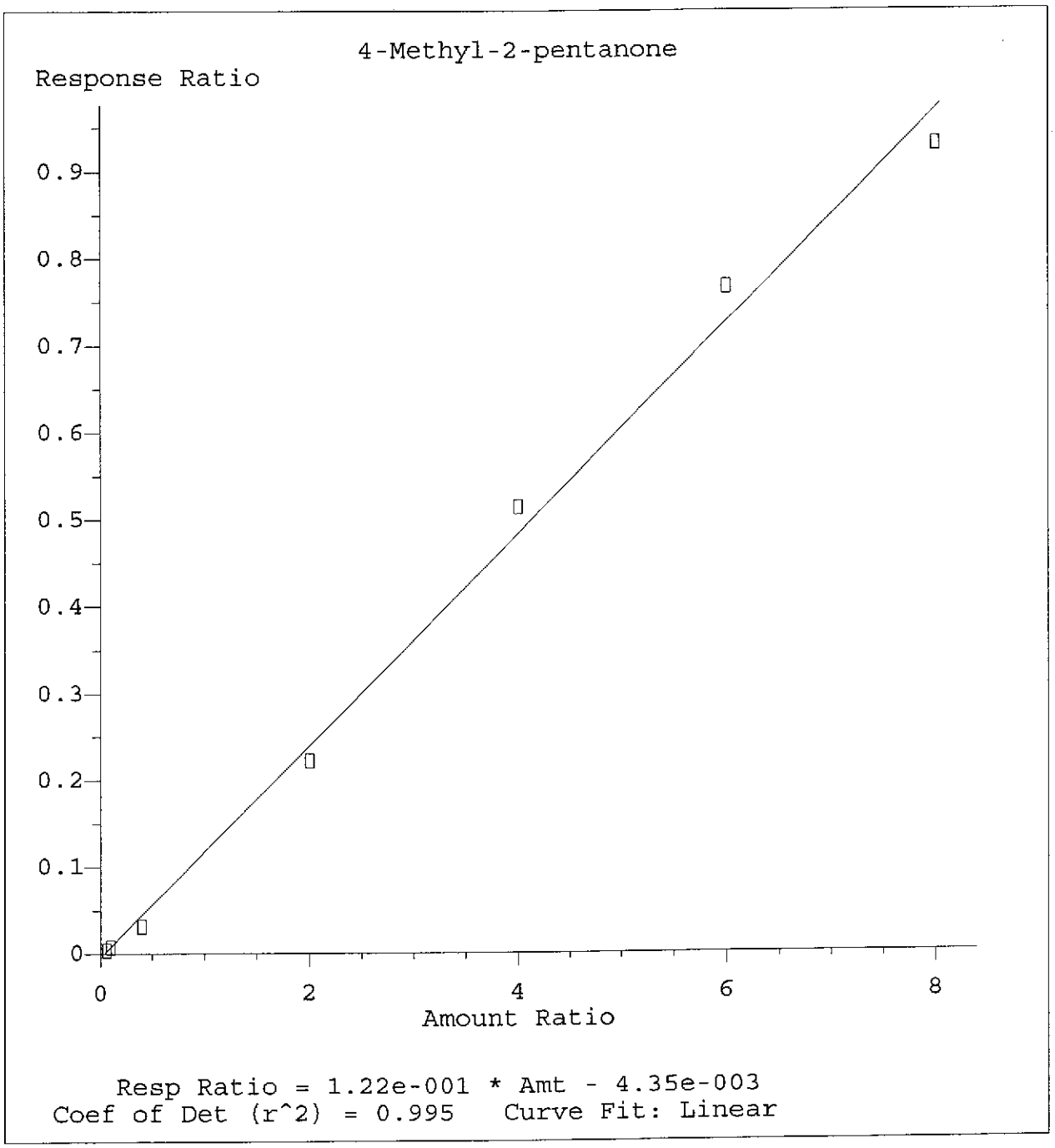
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Calibration Table Last Updated: Mon Jun 04 07:02:13 2007



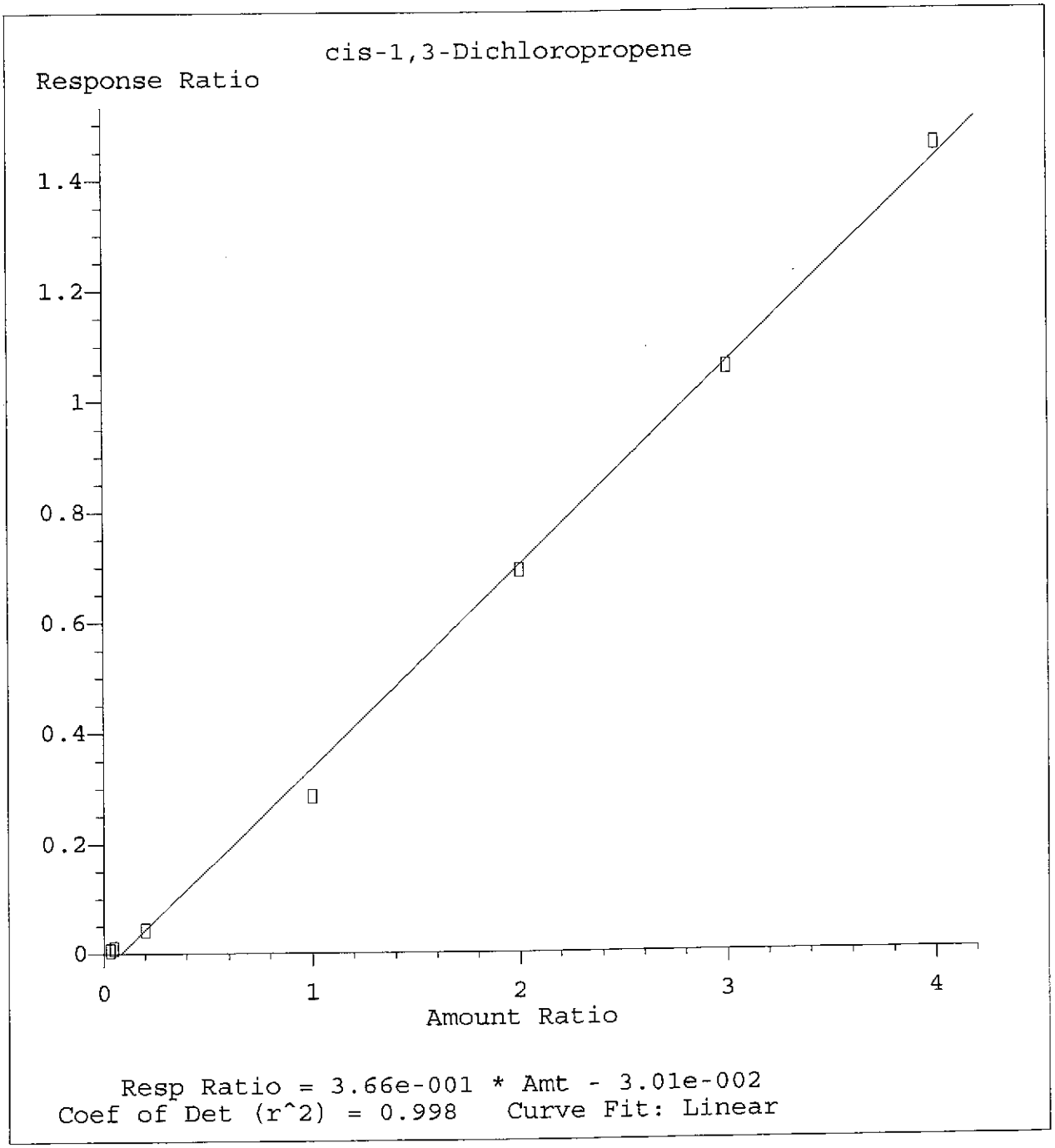
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Calibration Table Last Updated: Mon Jun 04 07:02:29 2007



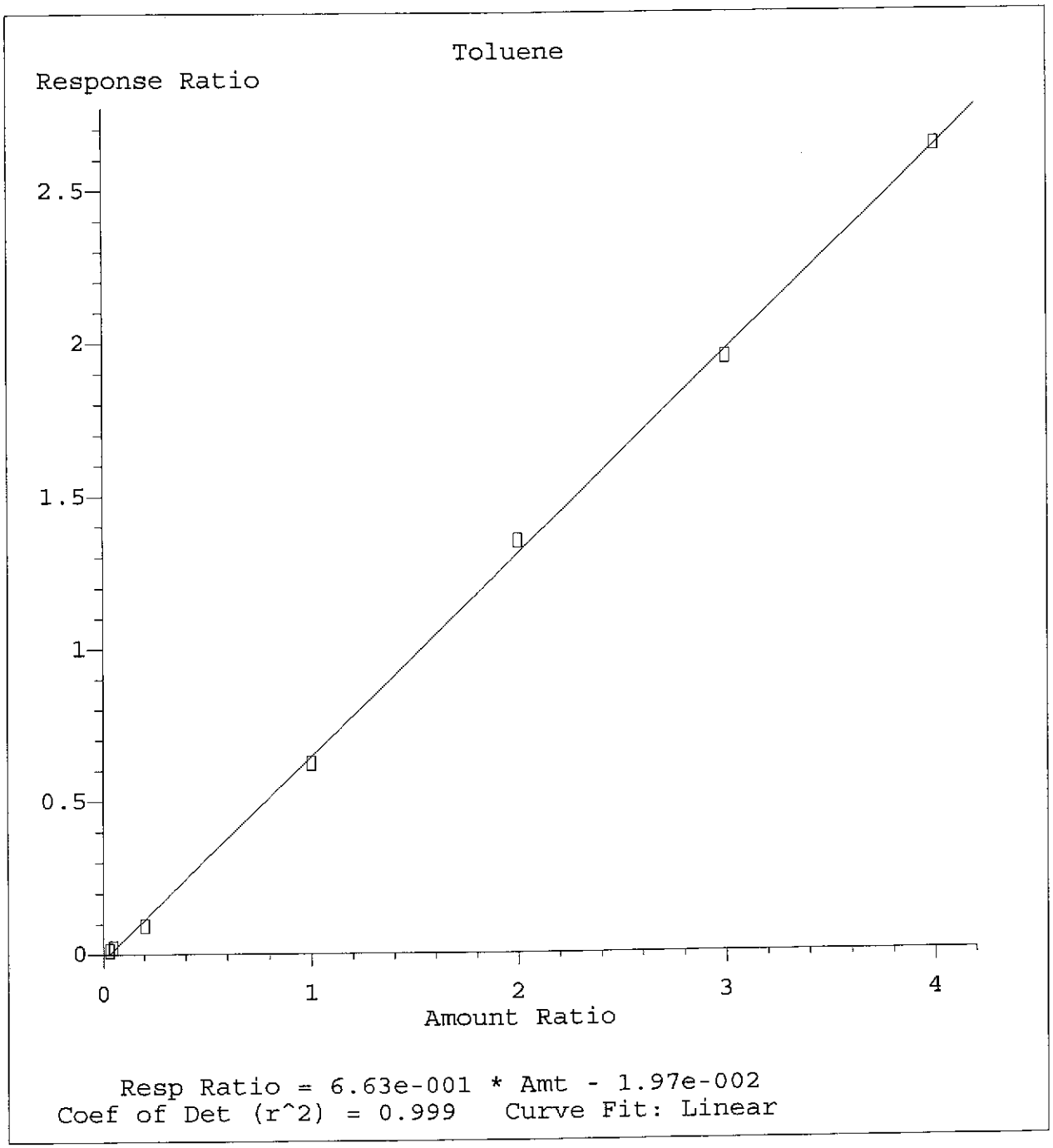
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Calibration Table Last Updated: Mon Jun 04 07:02:50 2007



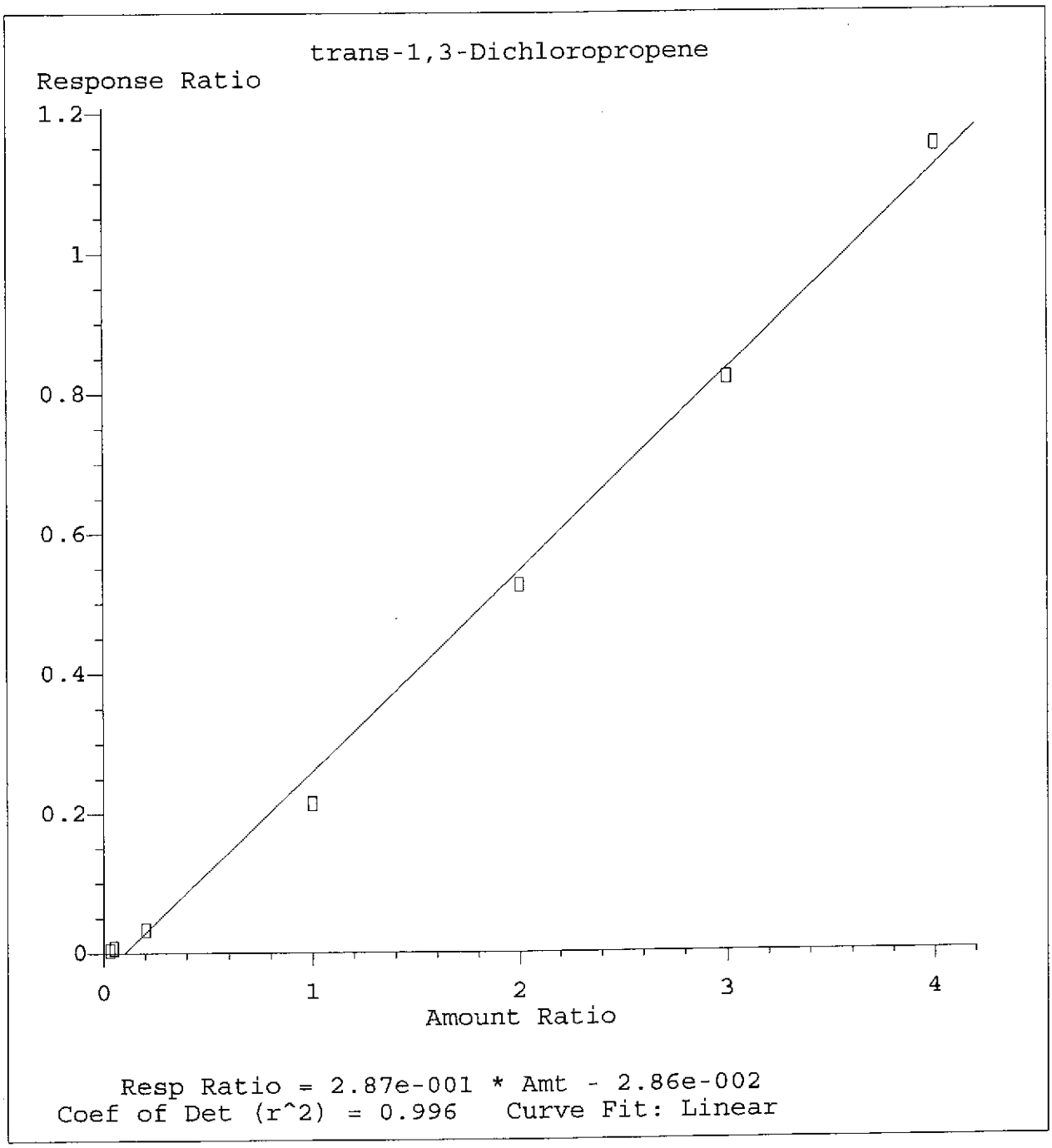
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:09:18 2007



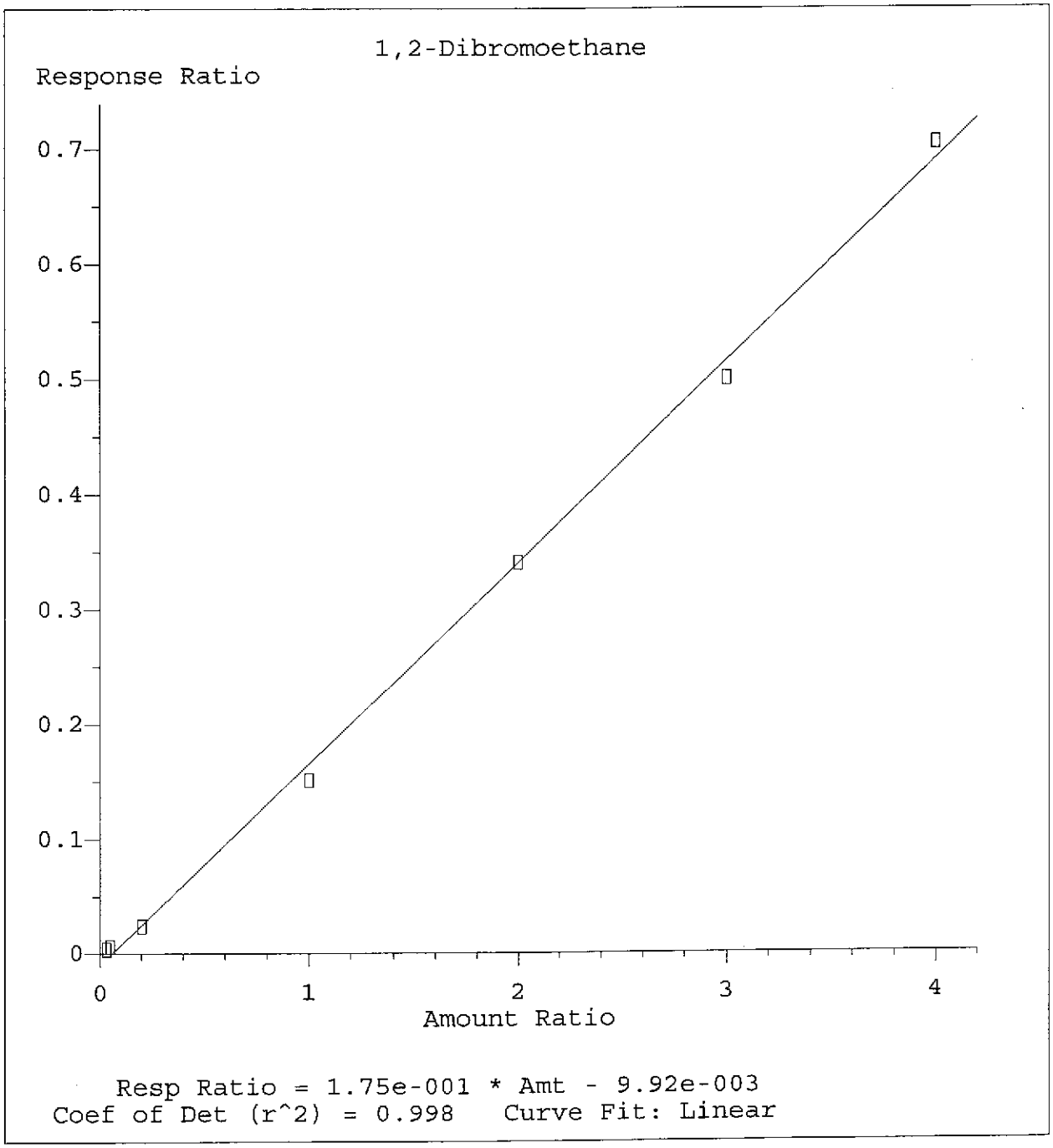
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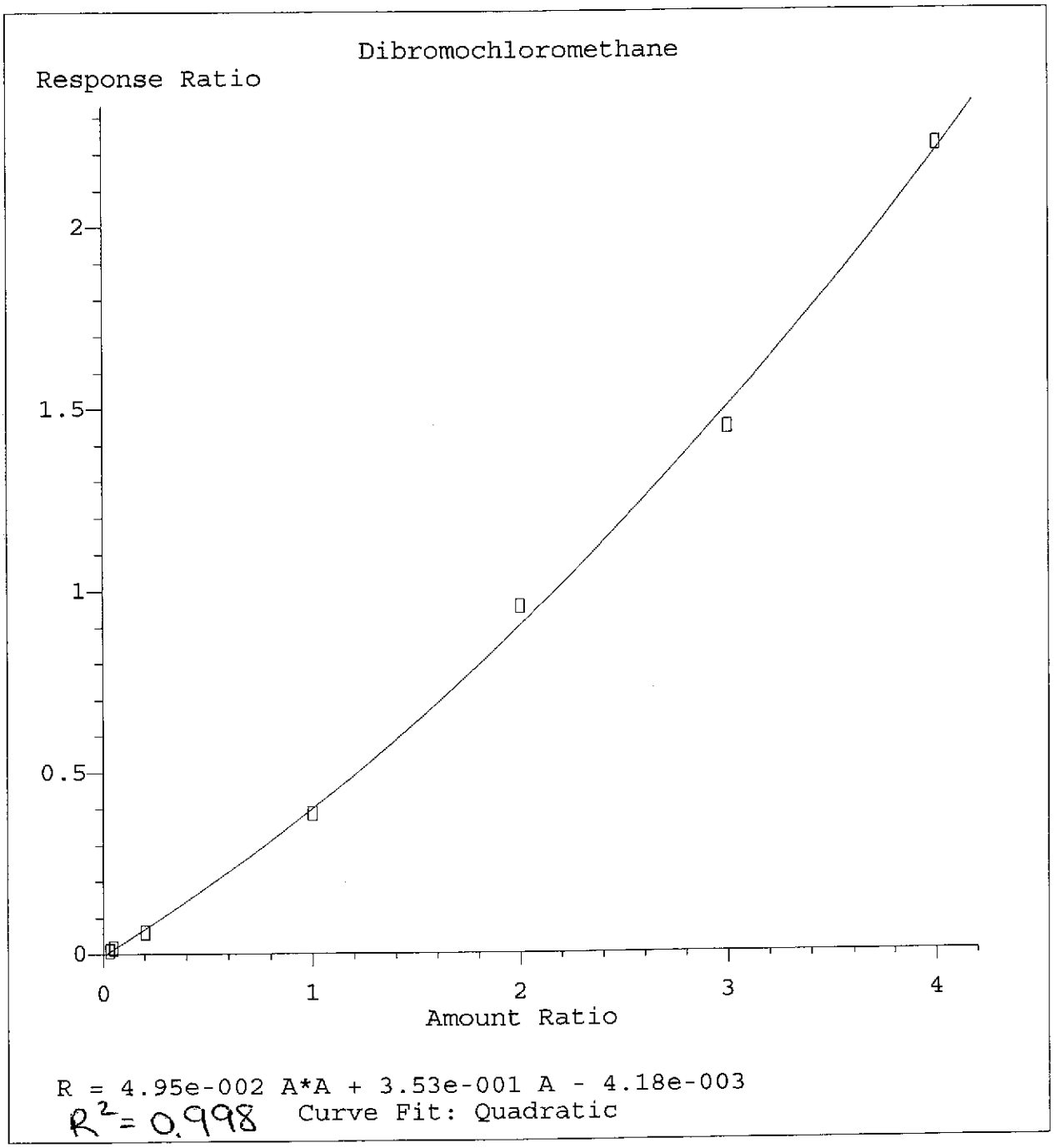
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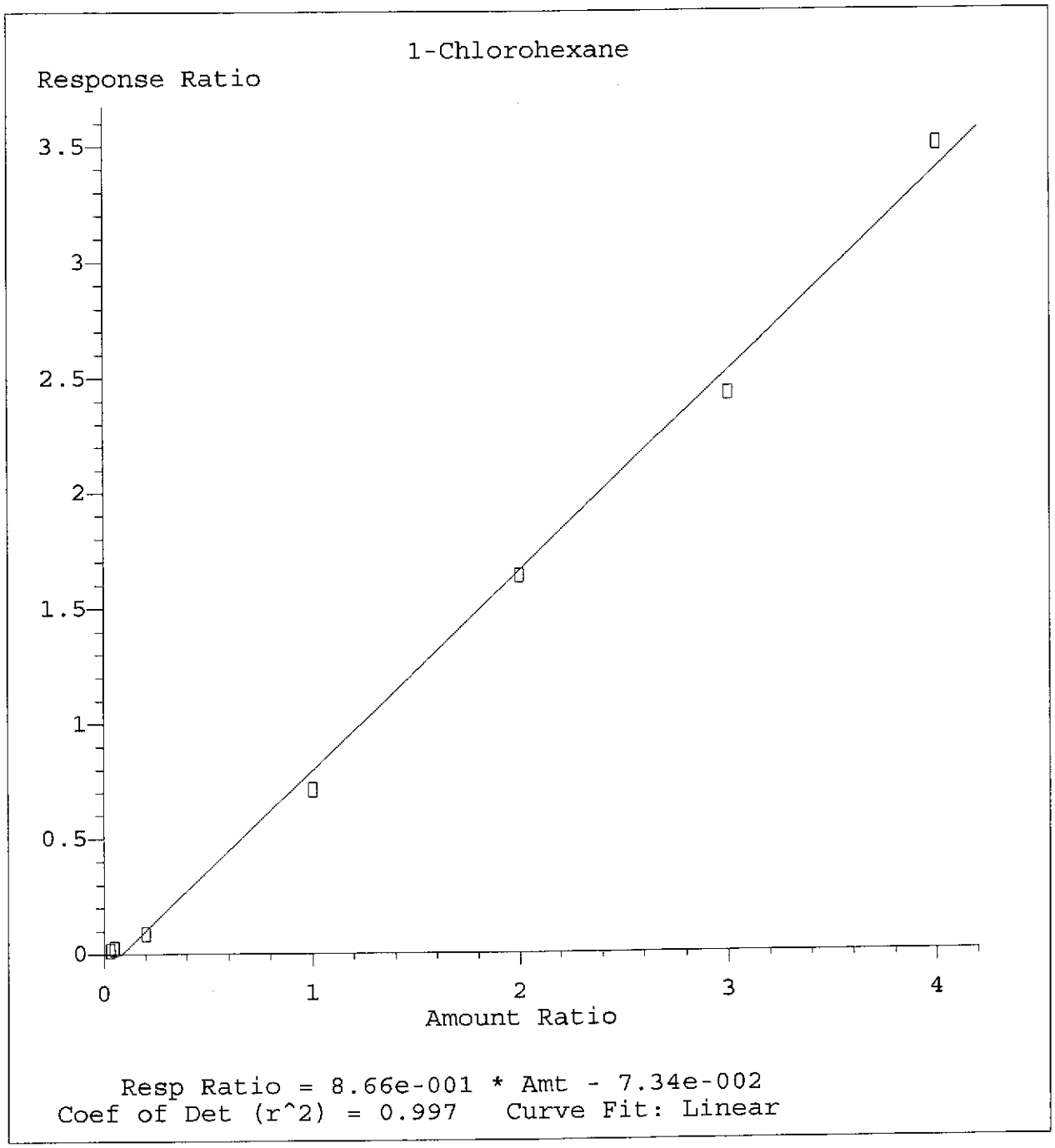
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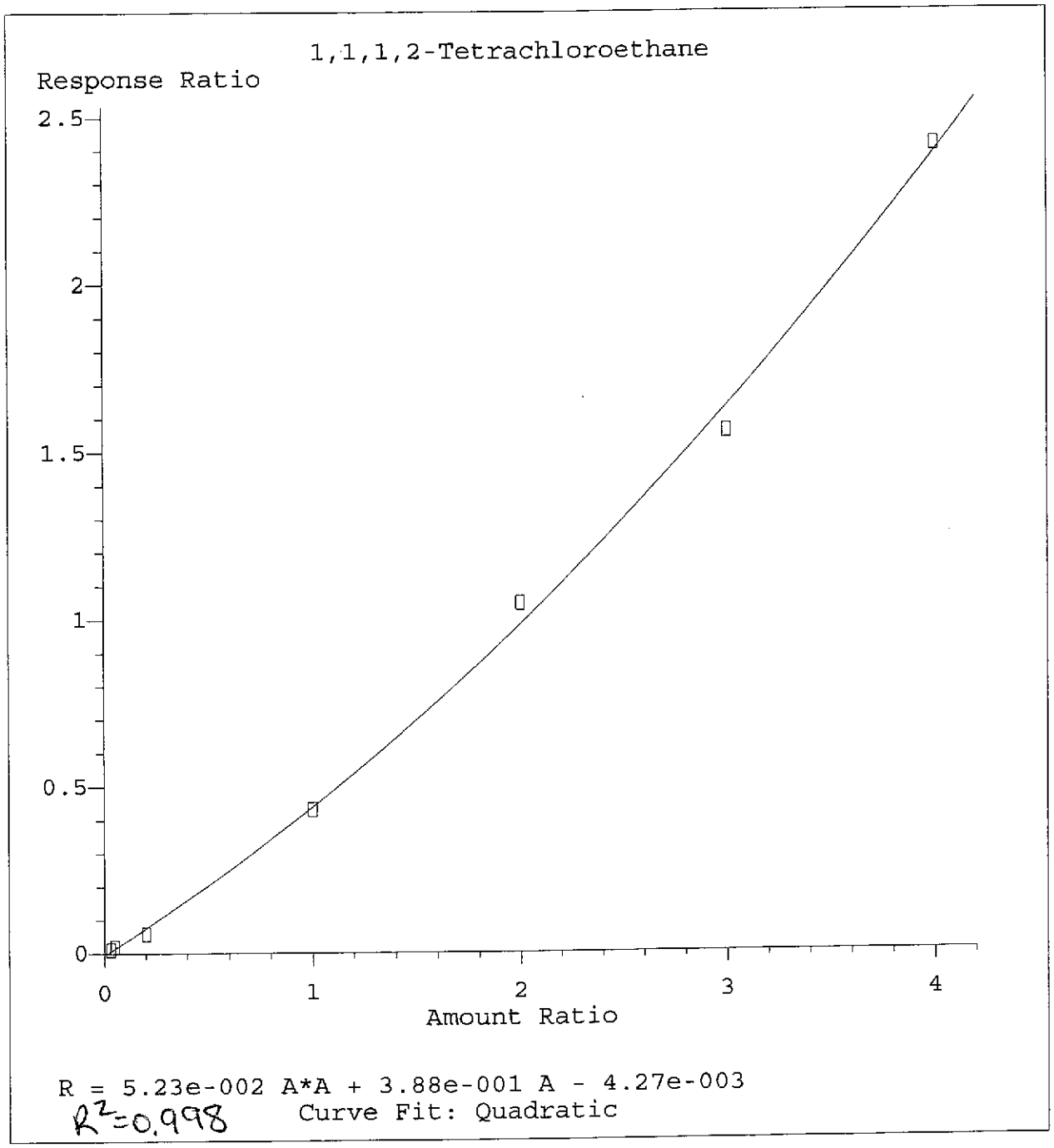
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Calibration Table Last Updated: Mon Jun 04 07:11:59 2007



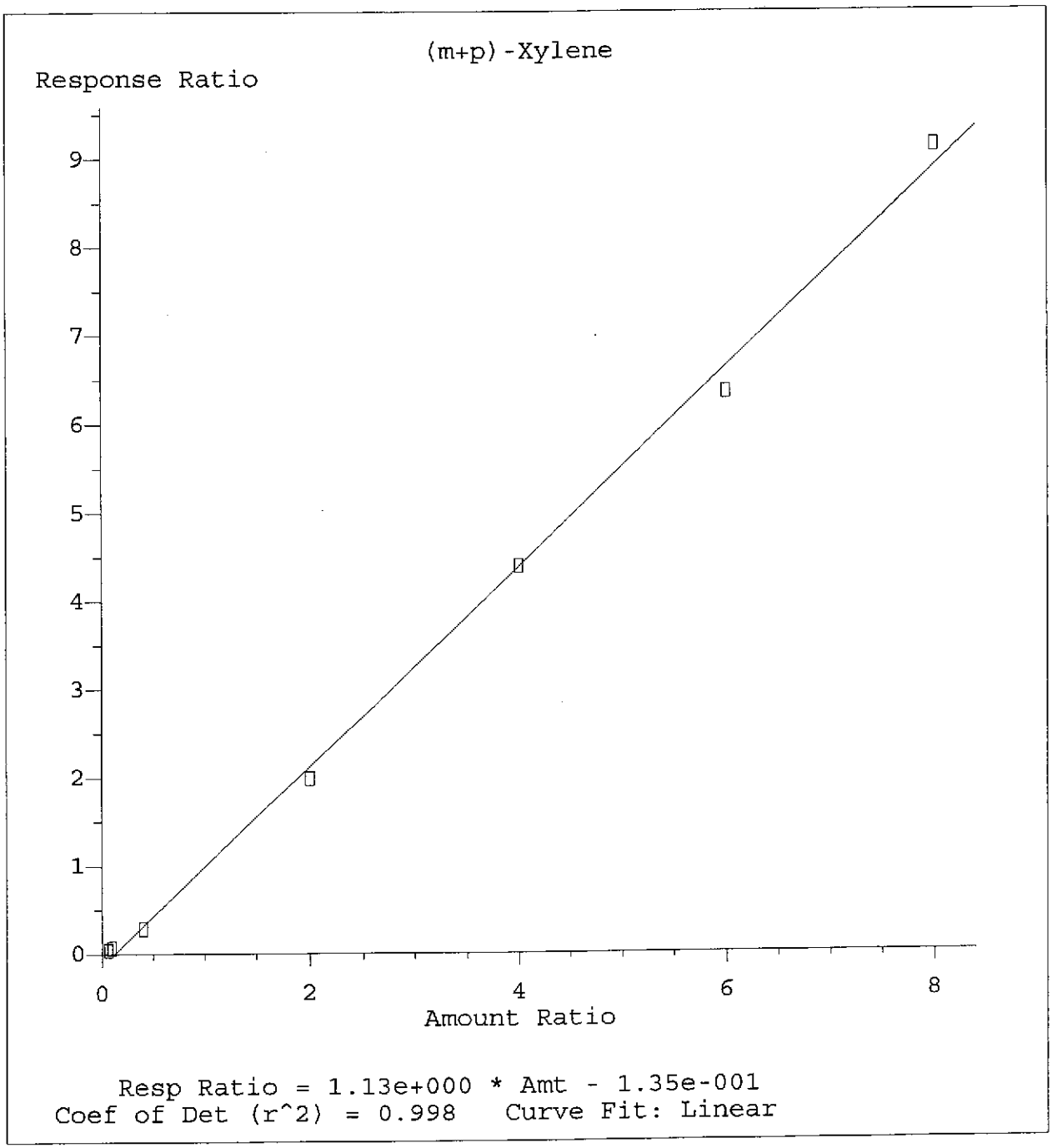
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Calibration Table Last Updated: Mon Jun 04 07:12:16 2007



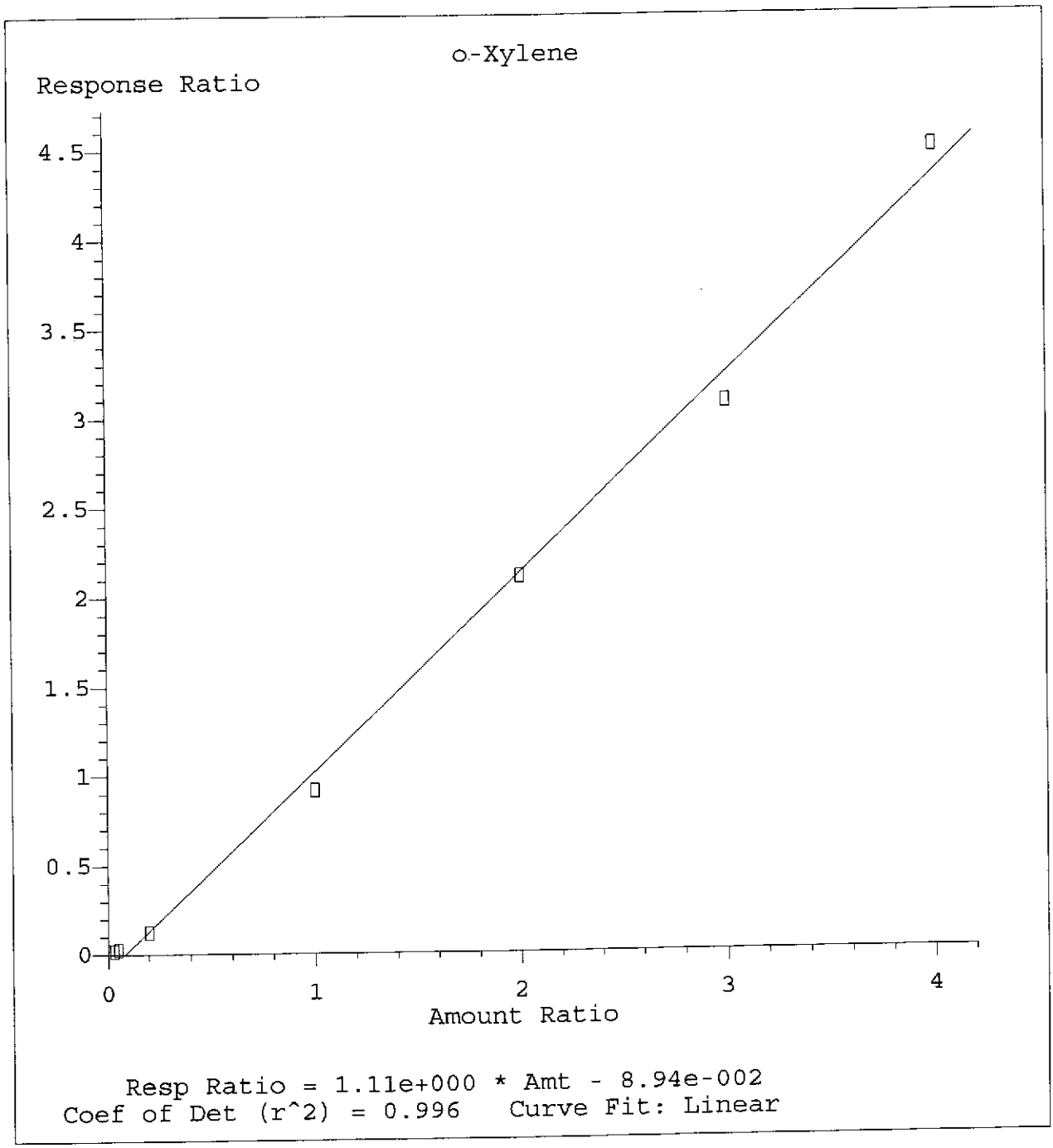
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Calibration Table Last Updated: Mon Jun 04 07:12:45 2007



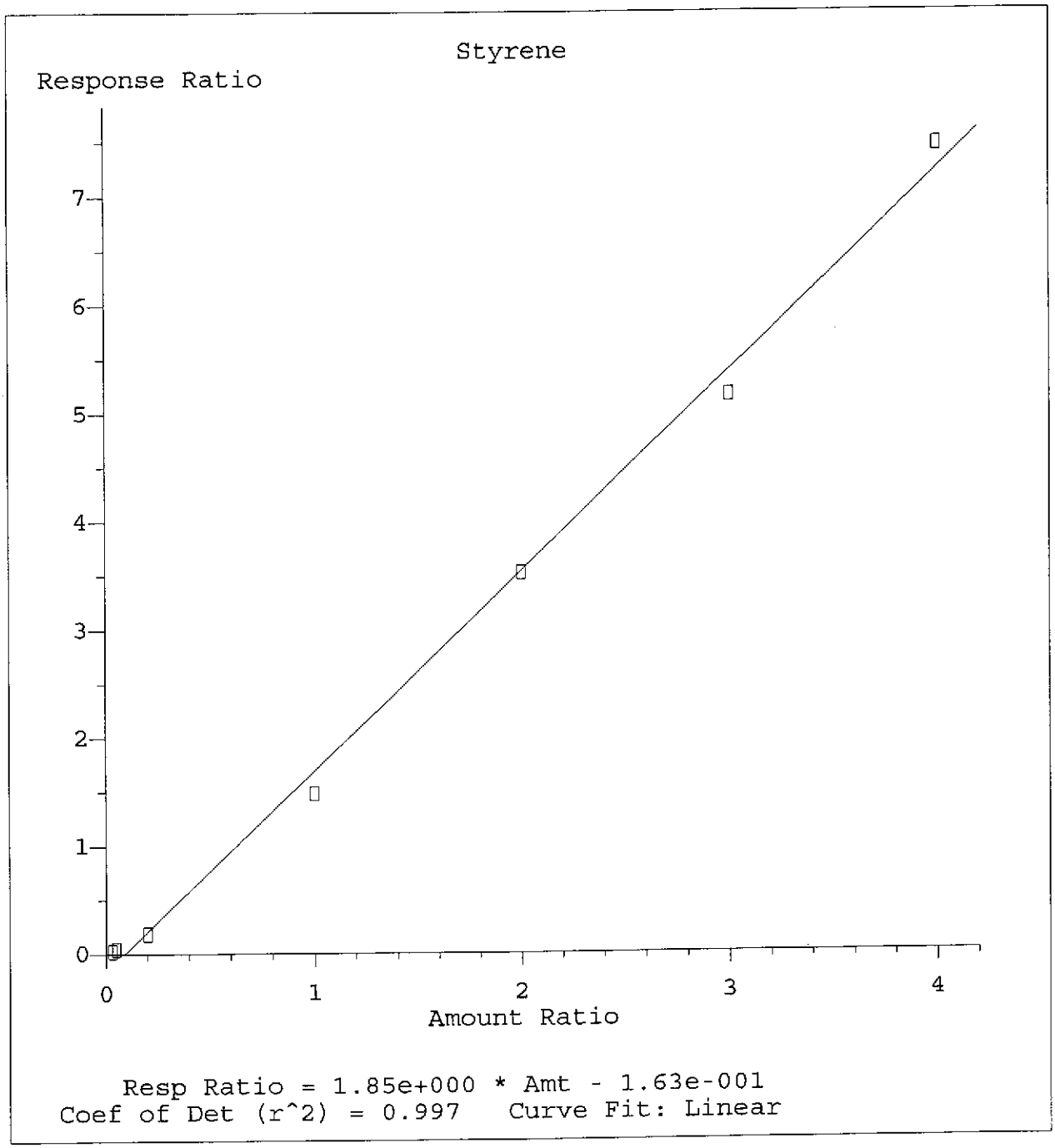
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Calibration Table Last Updated: Mon Jun 04 07:13:42 2007



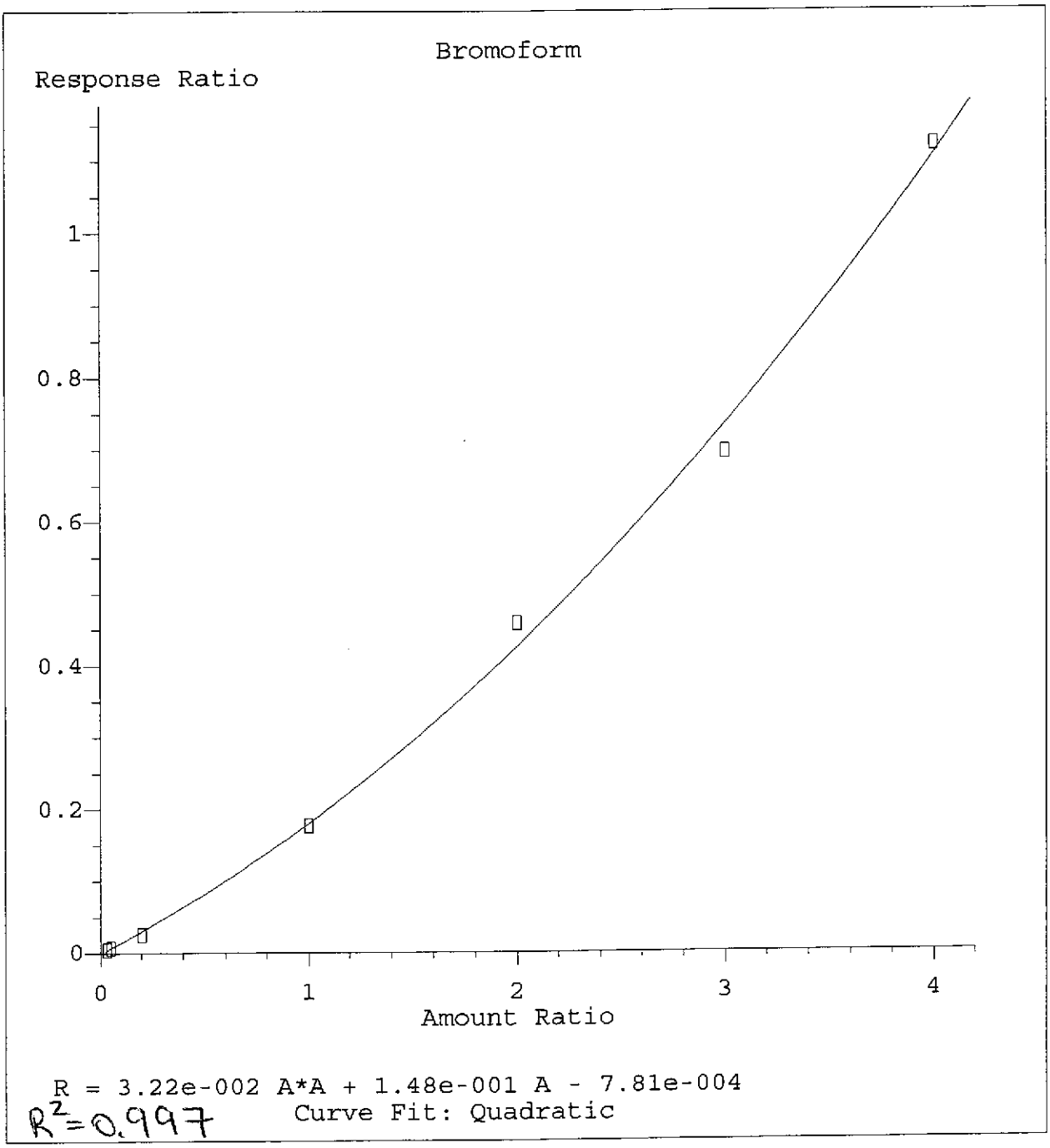
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Calibration Table Last Updated: Mon Jun 04 07:14:12 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:14:43 2007

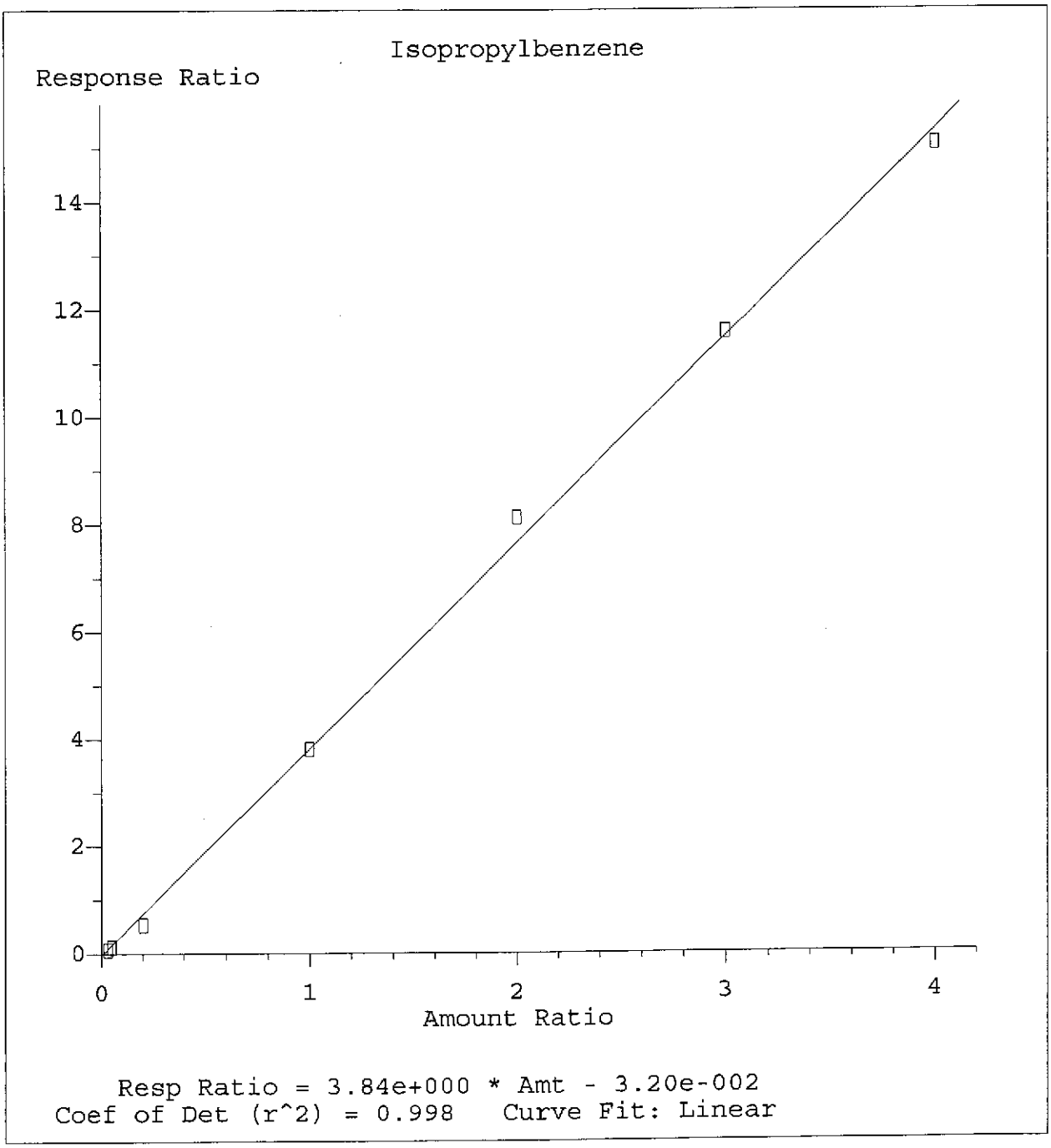


Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:15:01 2007

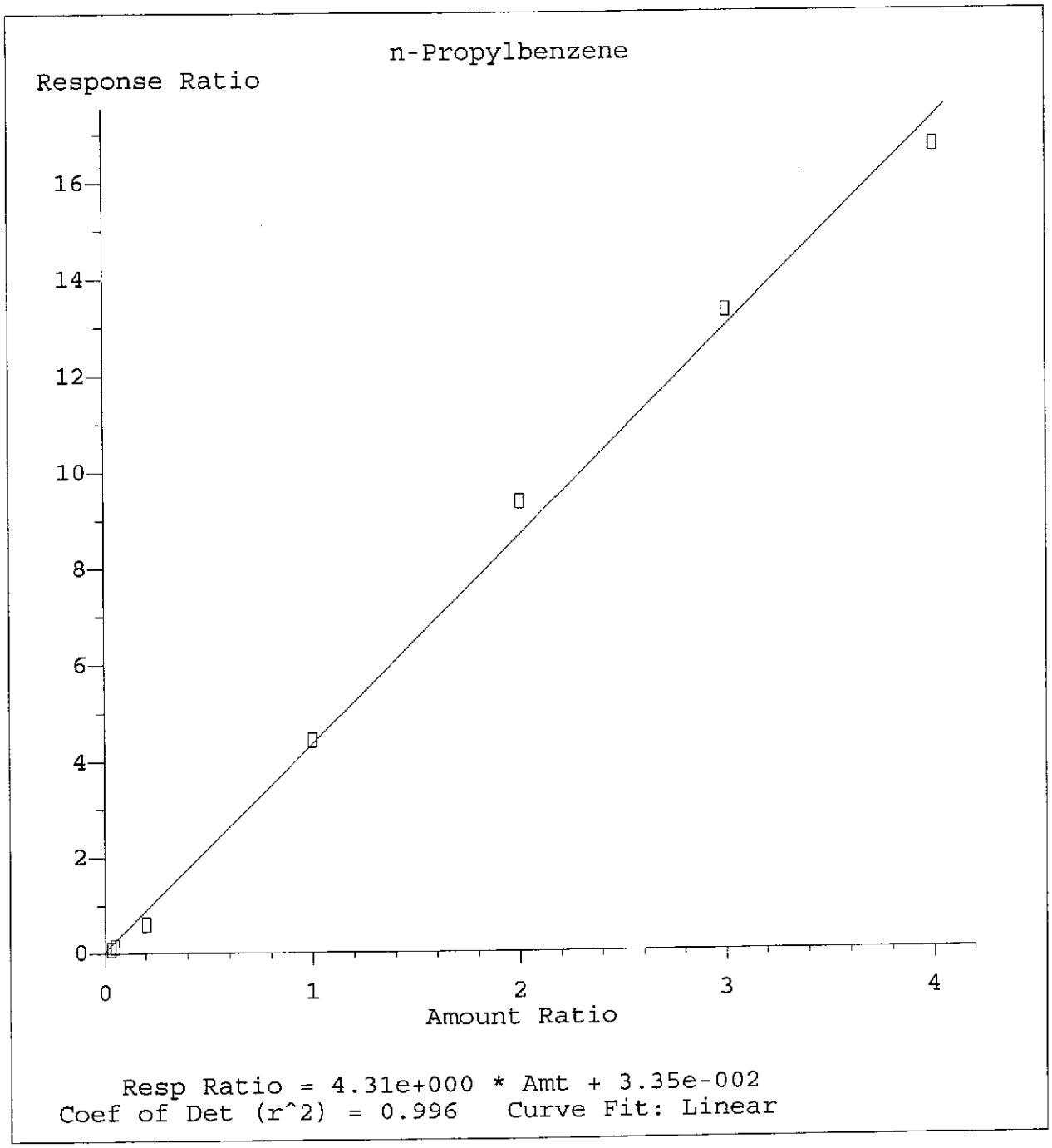


$R^2 = 0.997$

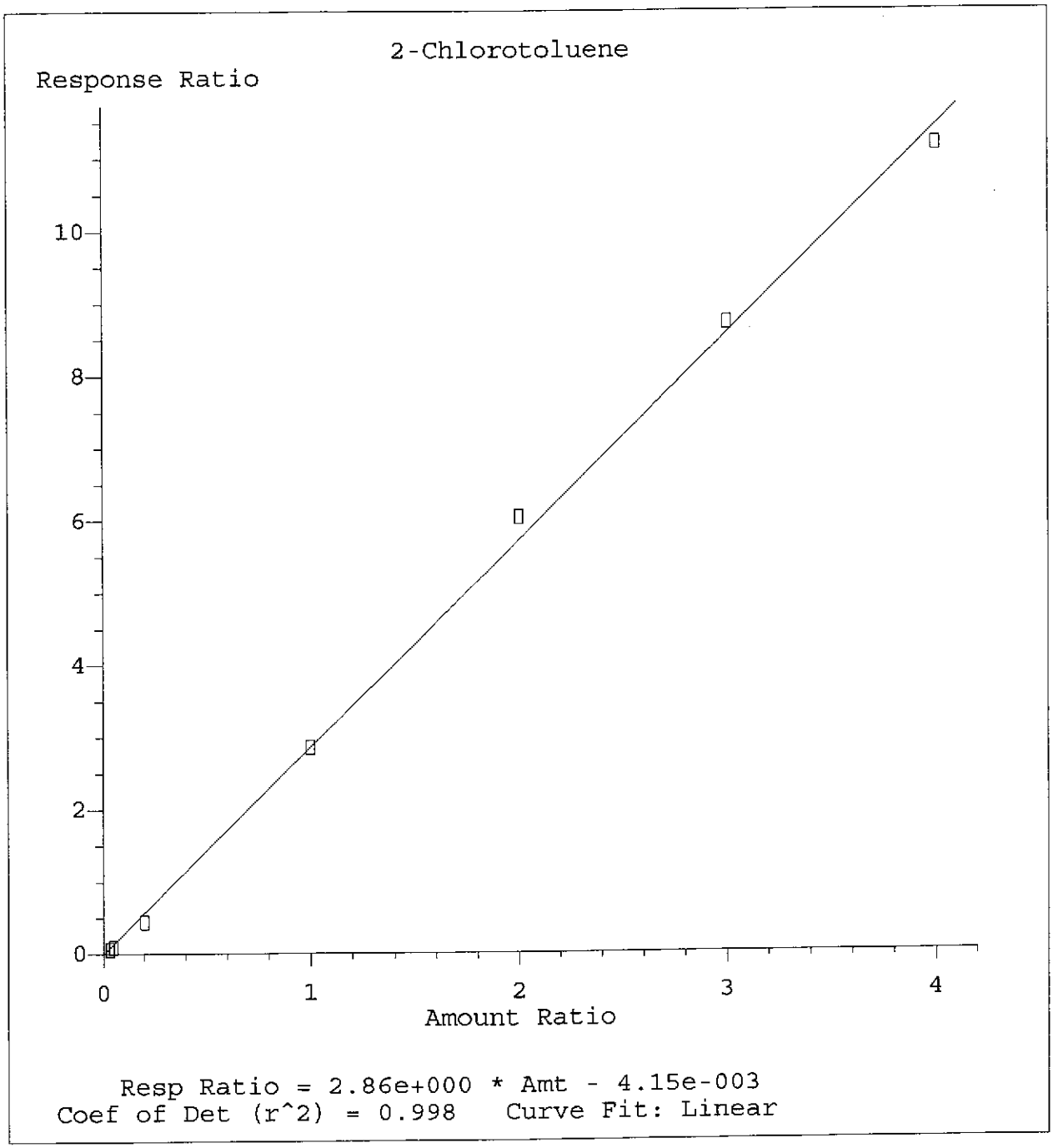
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:15:16 2007



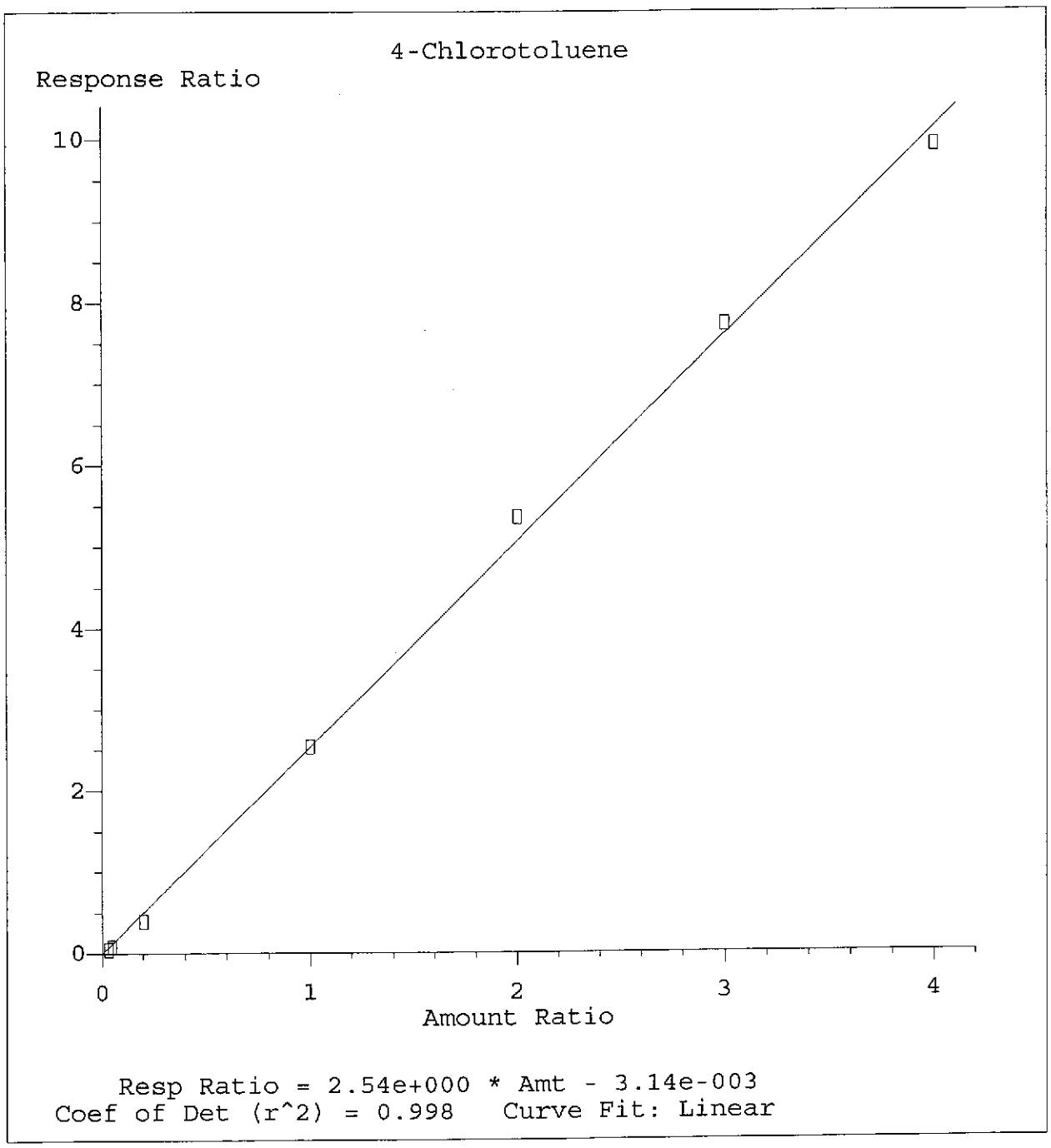
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:21 2007



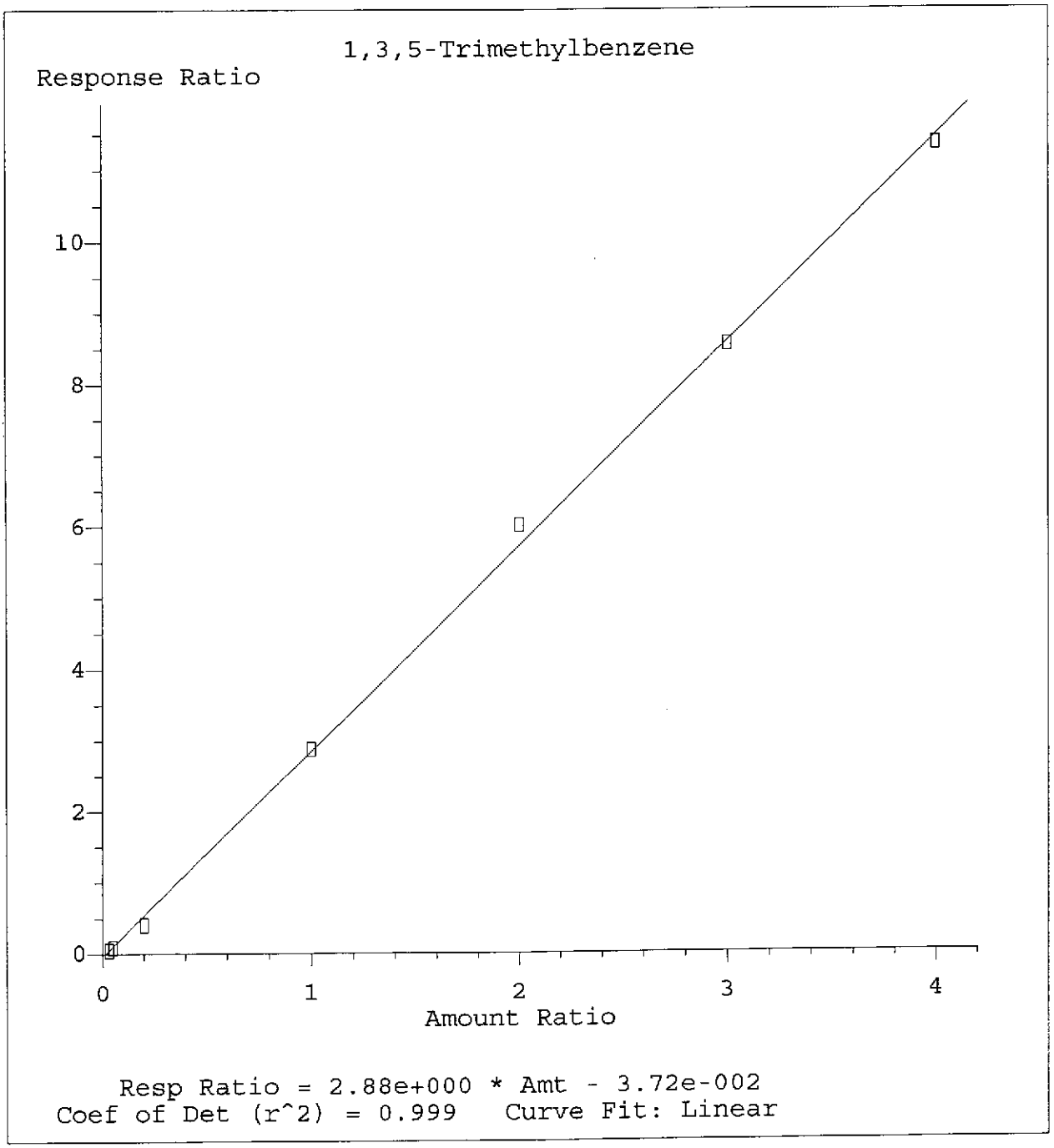
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:39 2007



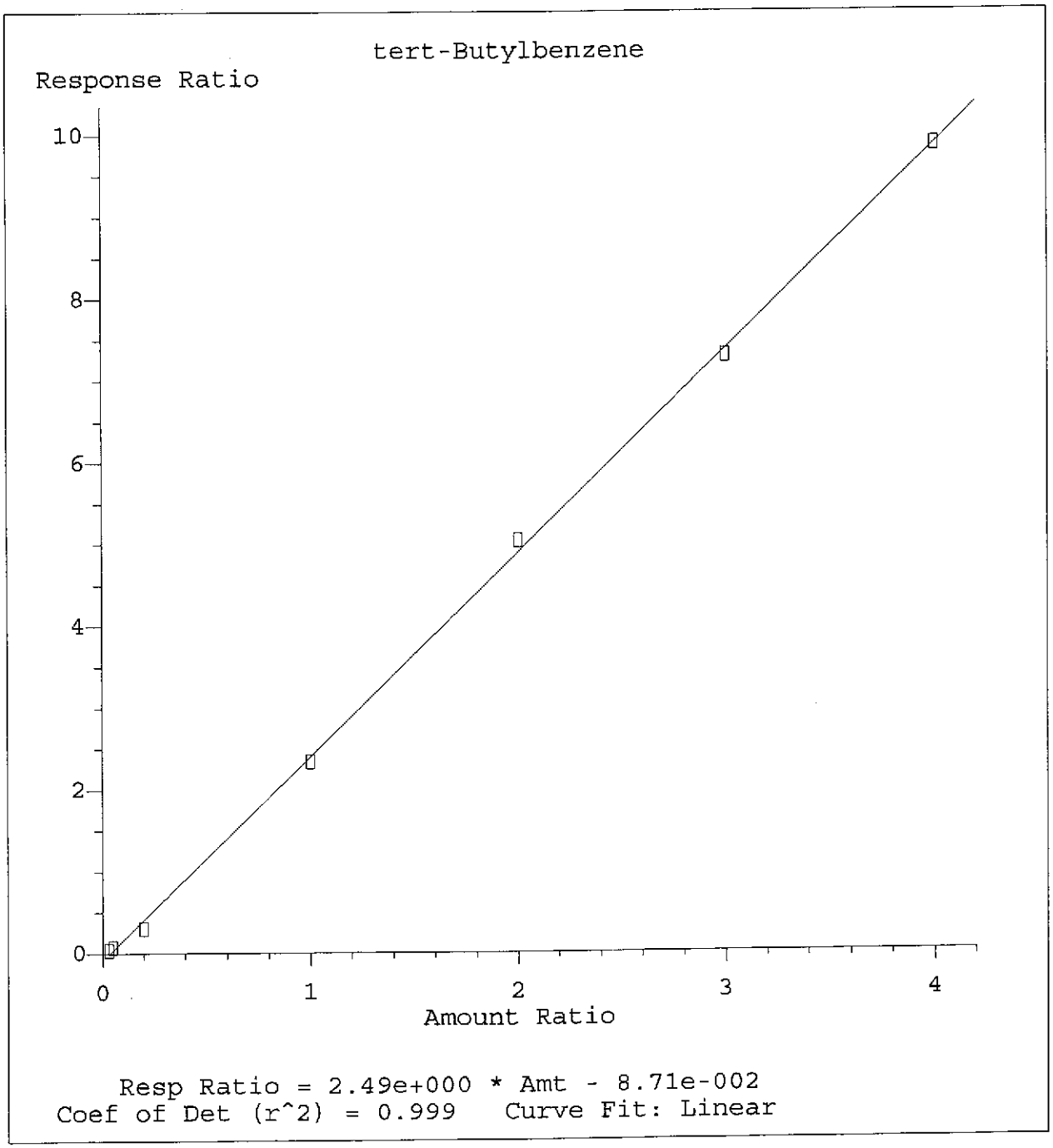
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:57 2007



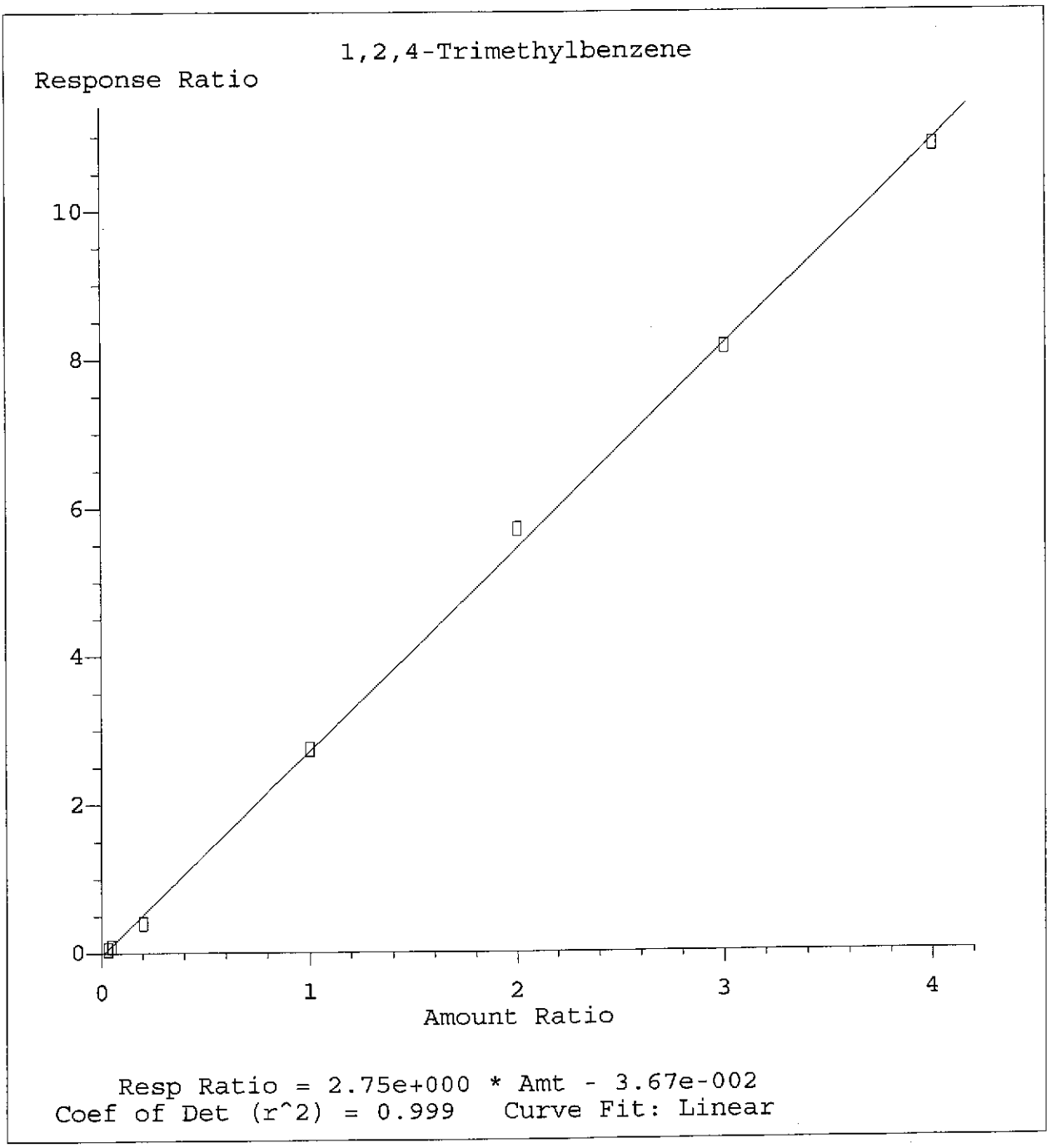
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:16 2007



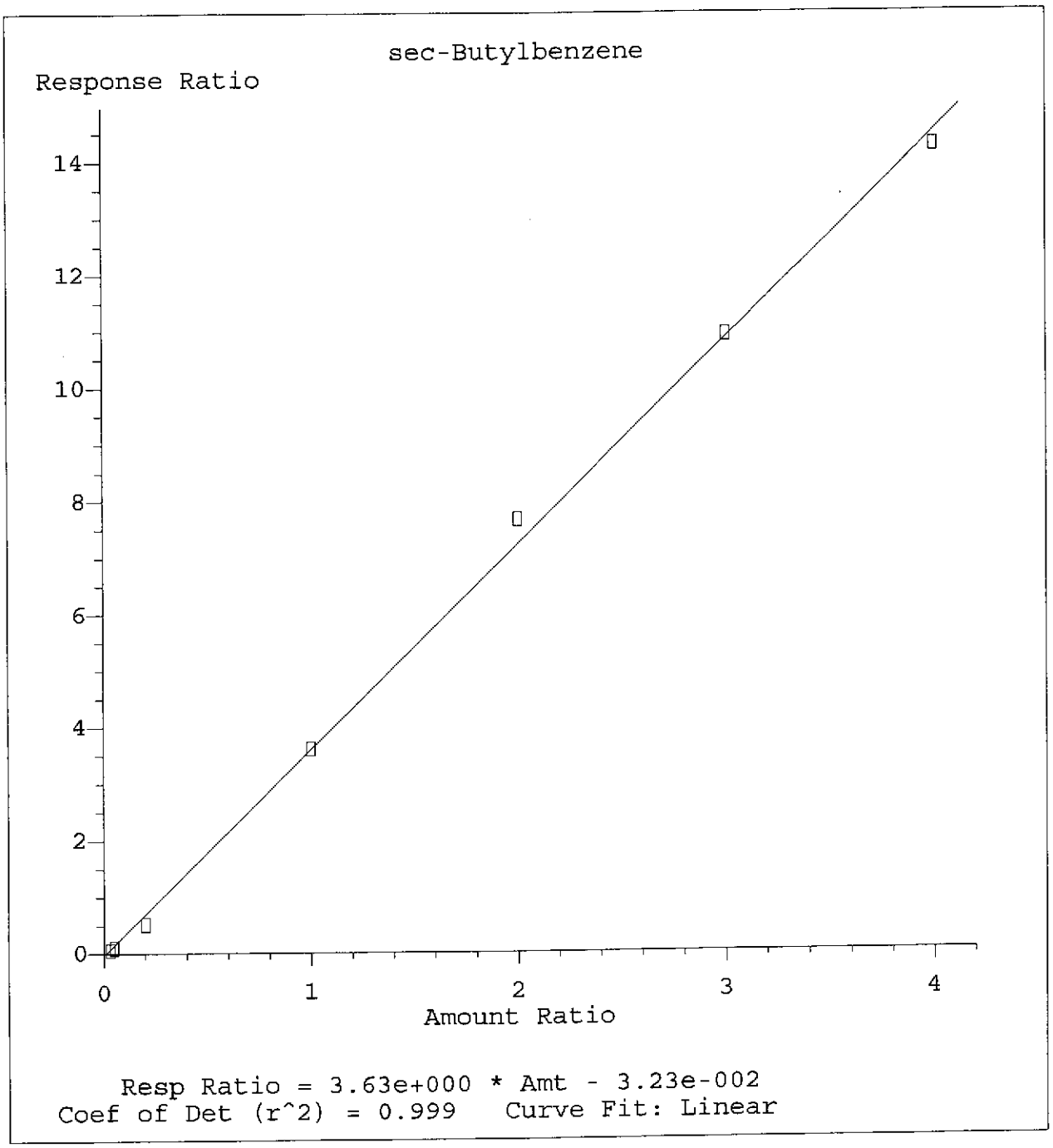
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:31 2007



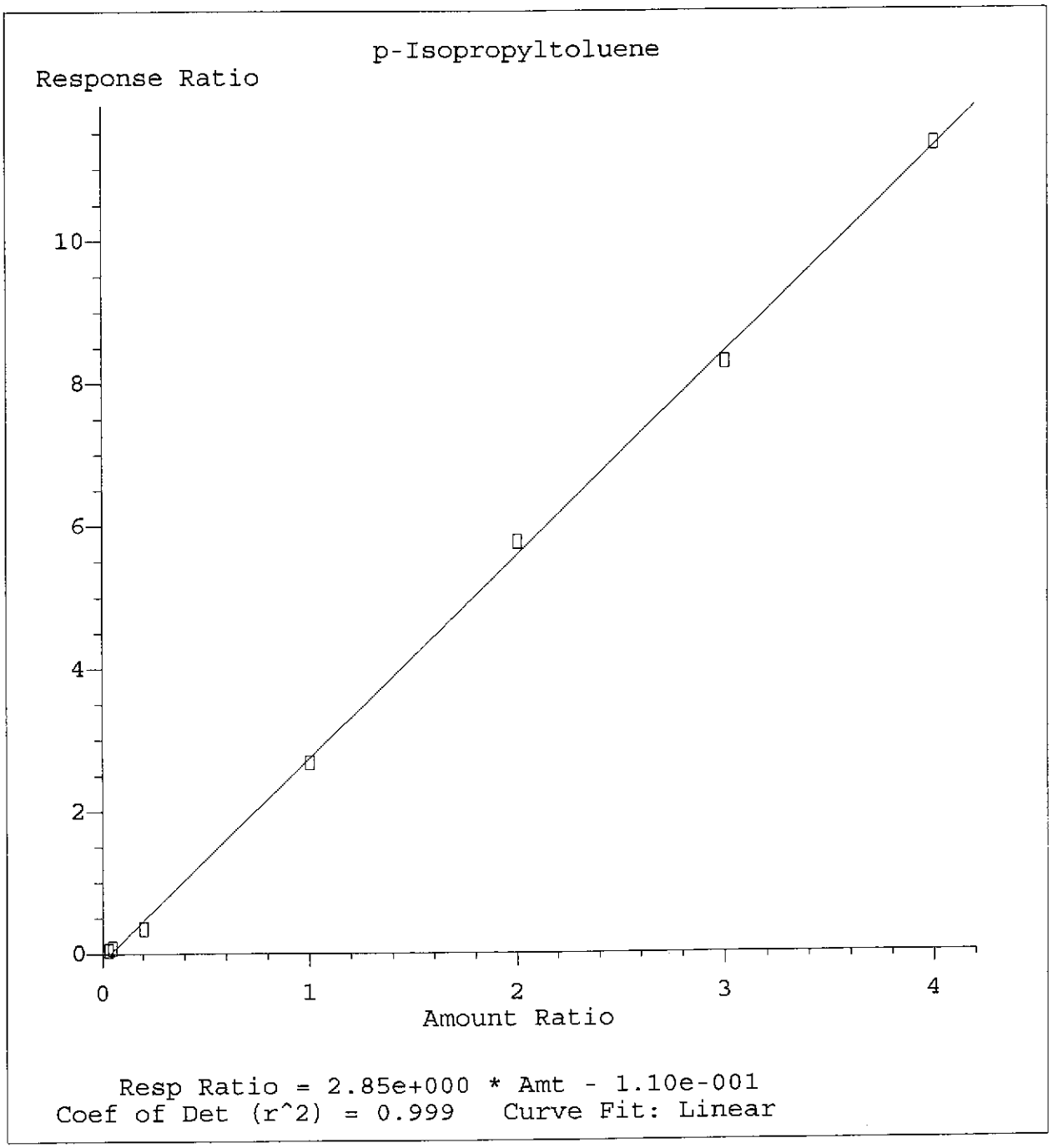
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:46 2007



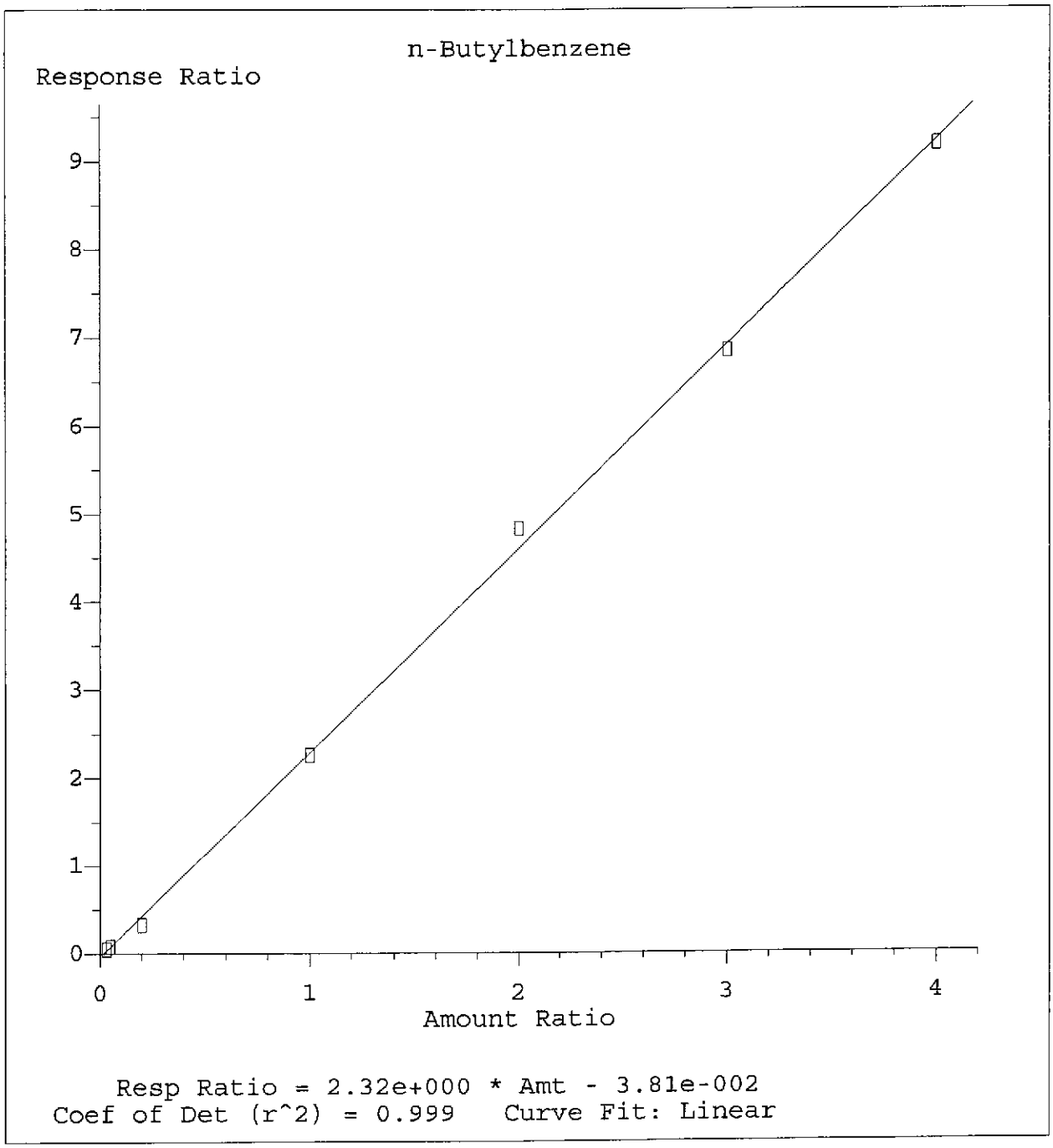
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:02 2007



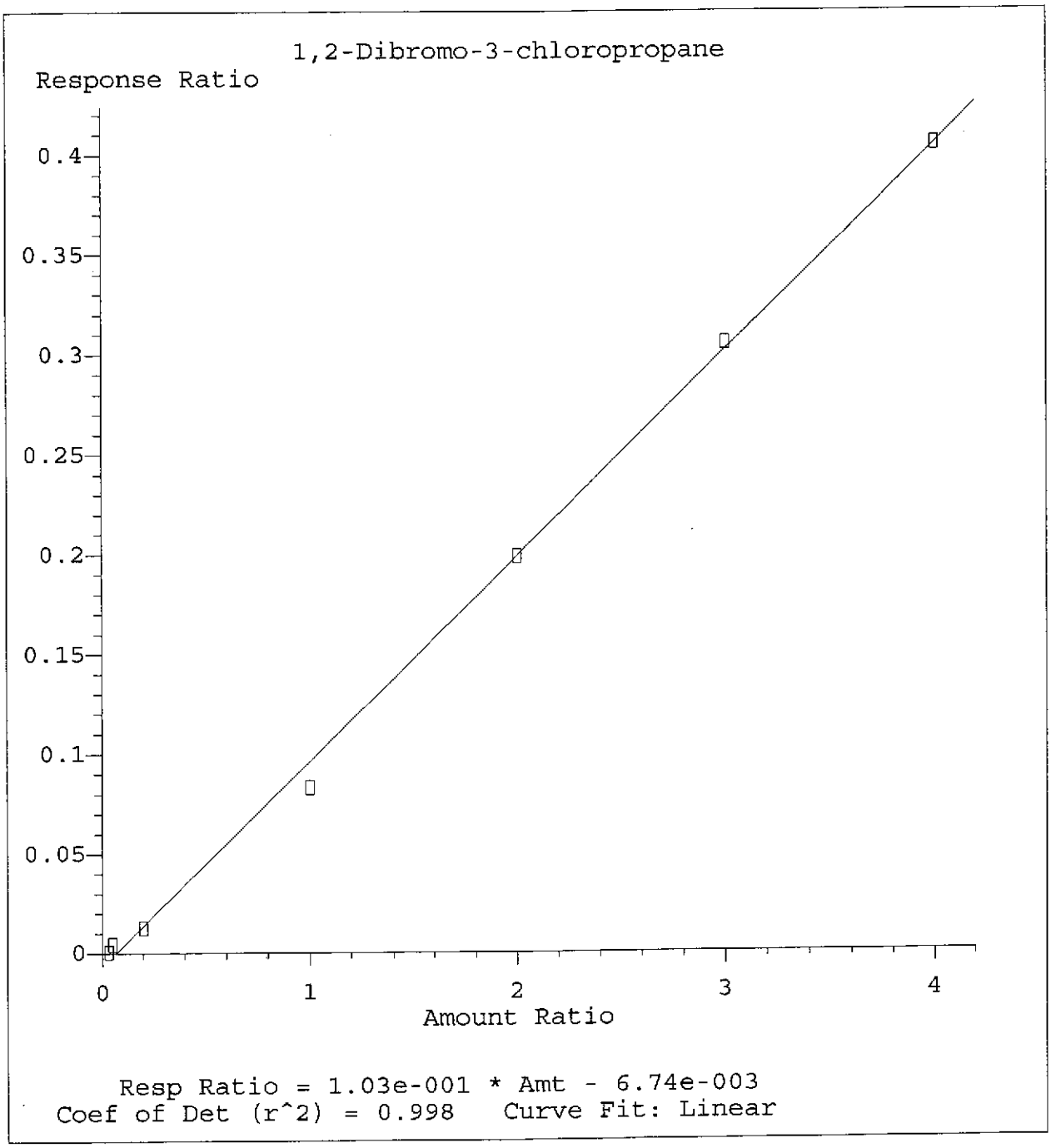
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:16 2007



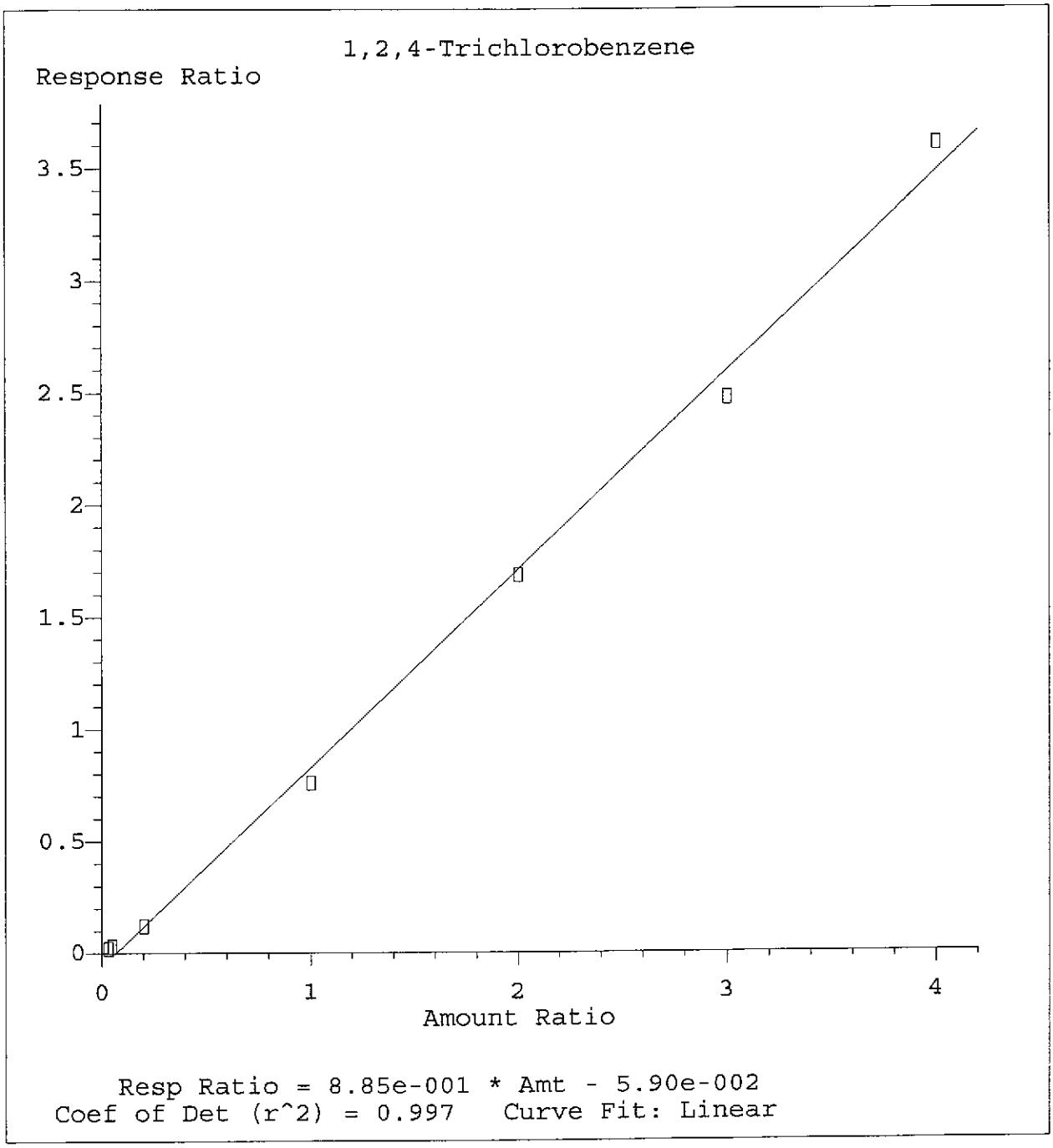
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:33 2007



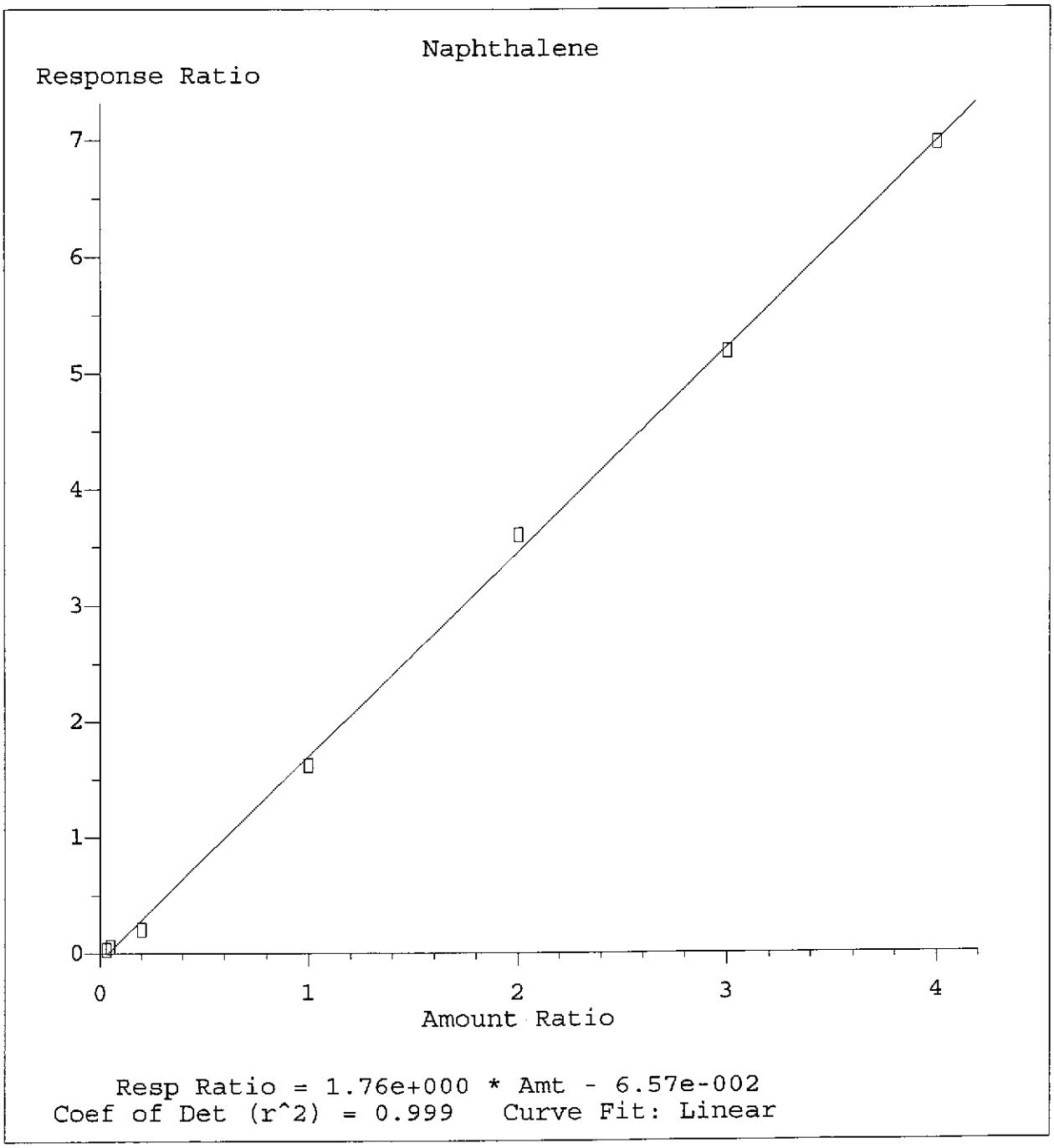
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:48 2007



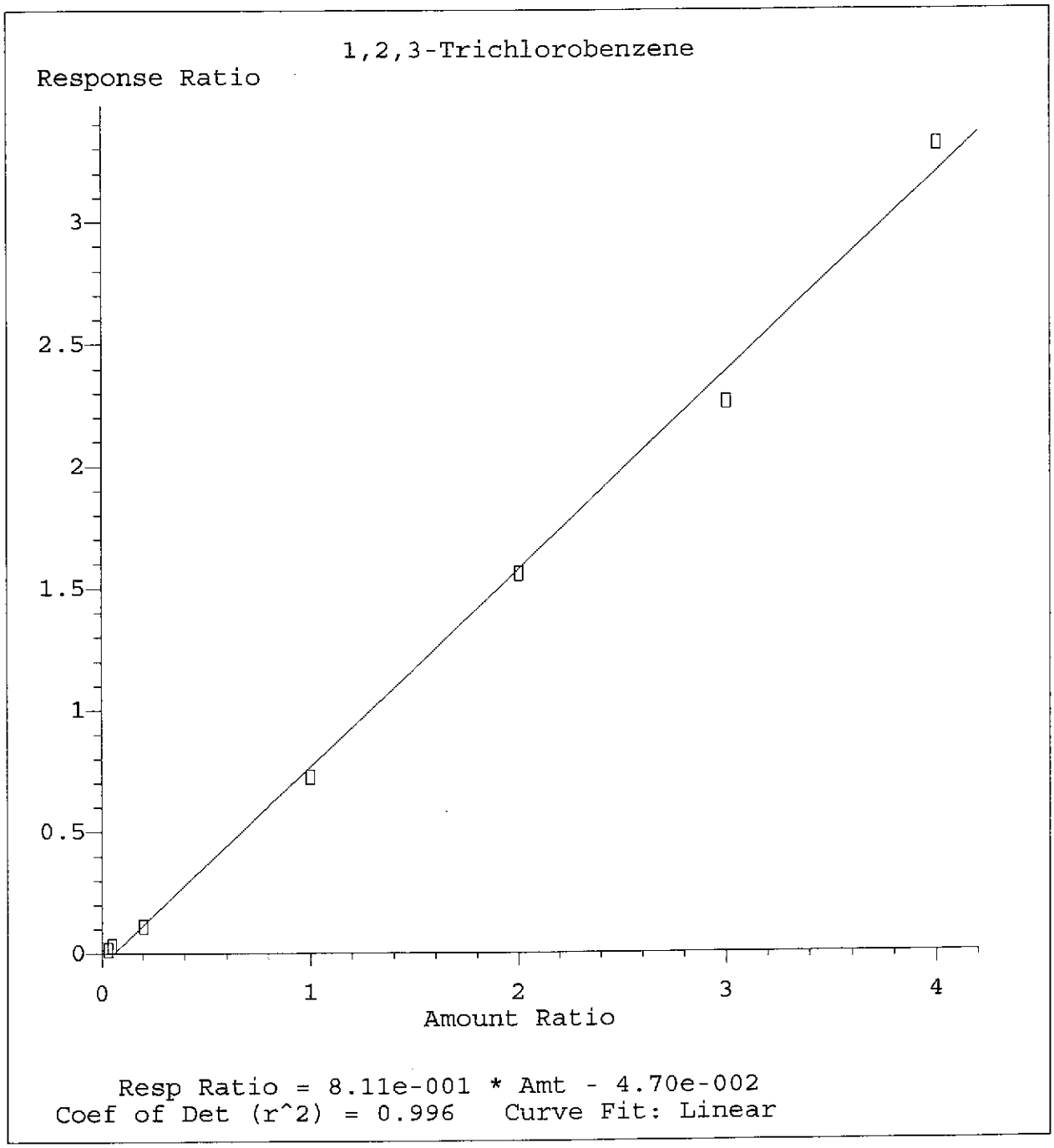
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:03 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:20 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:36 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:52 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 08JUN07

Initial Calibration ID: 976

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T608VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 11 08:41:29 2007
Response via : Continuing Calibration

ICAL #976

Calibration Files
0.3 =T8863.D 0.5 =T8864.D 2.0 =T8865.D
10 =T8866.D 20 =T8867.D 30 =T8868.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.405	0.428	0.425	0.475	0.476	0.458	0.446	6.06
3)	P	Chloromethane	0.433	0.422	0.429	0.445	0.462	0.423	0.434	3.39
4)	CP	Vinyl chloride	0.345	0.345	0.330	0.370	0.378	0.355	0.354	4.55
5)		Bromomethane	0.159	0.151	0.138	0.154	0.169	0.177	0.161	9.02
6)		Chloroethane	0.187	0.173	0.173	0.194	0.197	0.187	0.185	4.97
7)		Trichlorofluorometh	0.479	0.445	0.490	0.538	0.522	0.511	0.498	6.15
8)		Acetone		0.053	0.047	0.047	0.054	0.049	0.050	5.87
9)		Acrolein	0.001	0.000	0.001	0.001	0.001		0.001	26.61
10)	CPM	1,1-Dichloroethene	0.185	0.158	0.173	0.203	0.204	0.201	0.190	9.62
11)		Methyl iodide	0.196	0.194	0.222	0.270	0.269	0.289	0.248	17.32
12)		1,1,2-Trichloro-1,2	0.212	0.188	0.210	0.259	0.251	0.255	0.233	12.53
13)		Methyl acetate	0.144	0.147	0.132	0.139	0.146	0.134	0.140	4.09
14)		Acrylonitrile	0.056	0.054	0.057	0.060	0.063	0.058	0.058	4.69
15)		Methylene chloride	0.445	0.407	0.290	0.276	0.269	0.258	0.315	24.52
16)		Carbon disulfide	0.777	0.762	0.792	0.875	0.858	0.825	0.815	5.09
17)		trans-1,2-Dichloroe	0.209	0.219	0.215	0.252	0.248	0.248	0.234	8.11
8)		Methyl tert-Butyl e	0.593	0.587	0.578	0.617	0.634	0.613	0.605	3.22
9)	P	1,1-Dichloroethane	0.453	0.437	0.448	0.493	0.489	0.455	0.461	4.67
20)		Vinyl acetate	0.301	0.331	0.336	0.372	0.410	0.388	0.361	10.80
21)		2-Butanone	0.063	0.076	0.073	0.076	0.082	0.077	0.075	8.13
22)		cis-1,2-Dichloroeth	0.251	0.231	0.262	0.277	0.271	0.268	0.262	6.17
23)		Bromochloromethane	0.089	0.102	0.106	0.113	0.111	0.117	0.108	9.09
24)	CP	Chloroform	0.512	0.488	0.741	0.522	0.515	0.495	0.538	16.85
25)		2,2-Dichloropropane	0.383	0.363	0.374	0.454	0.455	0.446	0.417	9.87
26)		Cyclohexane		0.386	0.386	0.526	0.533	0.498	0.470	14.25
27)	S	Dibromofluoromethan	0.202	0.201	0.219	0.225	0.222	0.224	0.217	4.92
28)	S	1,2-Dichloroethane-	0.349	0.280	0.303	0.317	0.314	0.291	0.306	7.59
29)		1,2-Dichloroethane	0.411	0.386	0.367	0.387	0.381	0.355	0.376	5.73
30)		1,1,1-Trichloroetha	0.360	0.374	0.395	0.478	0.480	0.474	0.433	12.47
31)		1,1-Dichloropropene	0.313	0.287	0.317	0.391	0.393	0.381	0.351	12.43
32)		Carbon tetrachlorid	0.244	0.227	0.234	0.303	0.322	0.346	0.290	18.66
33)	M	Benzene	0.940	1.009	1.025	1.145	1.142	1.094	1.058	7.05
34)	M	Trichloroethene	0.258	0.262	0.253	0.301	0.300	0.296	0.281	7.75
35)		Dibromomethane	0.137	0.127	0.136	0.144	0.143	0.140	0.138	4.07
36)		Methylcyclohexane	0.345	0.321	0.354	0.473	0.471	0.477	0.417	17.53
37)	CP	1,2-Dichloropropane	0.224	0.249	0.245	0.269	0.274	0.259	0.254	6.61
38)		Bromodichloromethan	0.284	0.278	0.339	0.316	0.336	0.336	0.319	8.49
39)		2-Chloroethylvinyl	0.076	0.084	0.083	0.092	0.101	0.098	0.090	10.43
40)		4-Methyl-2-pentanon	0.155	0.158	0.162	0.185	0.206	0.191	0.178	11.01
41)		cis-1,3-Dichloropro	0.357	0.350	0.358	0.421	0.436	0.426	0.396	9.66
42)	S	Toluene-d8	0.889	0.842	0.908	1.008	1.013	1.003	0.952	7.40
43)	CPM	Toluene	0.665	0.633	0.690	0.784	0.783	0.783	0.731	9.03

OK (EW) 6-12-07

(#) = Out of Range ### Number of calibration levels exceeded format ###

6/14/07

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T608VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 11 08:41:29 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T8863.D 0.5 =T8864.D 2.0 =T8865.D
10 =T8866.D 20 =T8867.D 30 =T8868.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.301	0.310	0.308	0.370	0.393	0.389	0.351	11.98
45)		1,1,2-Trichloroetha	0.194	0.171	0.156	0.167	0.171	0.169	0.171	6.61
46)		2-Hexanone			0.108	0.128	0.143	0.135	0.130	10.37
47)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------		
48)		1,2-Dibromoethane	0.437	0.355	0.392	0.412	0.419	0.440	0.413	7.53
49)		1,3-Dichloropropane	0.784	0.762	0.776	0.797	0.806	0.803	0.788	1.98
50)		Dibromochloromethan	0.370	0.309	0.330	0.359	0.403	0.466	0.373	15.00
51)		Tetrachloroethene	0.532	0.476	0.468	0.556	0.542	0.599	0.540	10.17
52)		1-Chlorohexane	0.643	0.647	0.671	0.823	0.838	0.872	0.768	14.20
53)		1,1,1,2-Tetrachloro	0.377	0.336	0.369	0.428	0.456	0.512	0.429	16.94
54)	PM	Chlorobenzene	1.689	1.550	1.581	1.686	1.672	1.747	1.666	4.44
55)	CP	Ethylbenzene	3.211	2.837	2.976	3.284	3.280	3.201	3.127	5.35
56)		(m+p)-Xylene	1.063	0.938	0.980	1.142	1.135	1.192	1.093	9.40
57)		o-Xylene	1.038	0.945	0.973	1.108	1.125	1.184	1.082	9.23
58)		Styrene	1.625	1.424	1.590	1.909	1.943	2.011	1.791	13.47
59)	P	Bromoform	0.191	0.137	0.129	0.159	0.184	0.232	0.183	24.57
60)	S	Bromofluorobenzene	0.941	0.750	0.756	0.841	0.849	0.868	0.840	8.03
61)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------		
62)		trans-1,4-Dichloro-	0.127	0.094	0.110	0.119	0.145	0.148	0.128	17.00
63)	P	1,1,2,2-Tetrachloro	0.917	0.995	0.890	0.812	0.814	0.759	0.847	10.85
64)		Isopropylbenzene	4.811	4.629	4.651	4.891	4.693	4.313	4.581	6.27
65)		1,2,3-Trichloroprop	0.912	0.857	0.793	0.741	0.756	0.643	0.770	12.05
66)		Bromobenzene	1.200	1.005	1.035	0.998	0.964	0.976	1.021	8.14
67)		n-Propylbenzene	5.261	4.859	4.892	5.384	5.225	4.687	4.961	7.01
68)		2-Chlorotoluene	4.269	3.717	3.669	3.781	3.699	3.399	3.695	8.26
69)		4-Chlorotoluene	3.418	3.239	2.959	3.190	3.157	2.907	3.103	6.58
70)		1,3,5-Trimethylbenz	3.297	2.797	2.898	3.299	3.245	3.106	3.099	6.38
71)		tert-Butylbenzene	3.282	2.828	2.897	3.185	3.069	2.937	3.009	5.76
72)		1,2,4-Trimethylbenz	2.794	2.501	2.587	2.937	2.865	2.732	2.729	5.60
73)		sec-Butylbenzene	4.397	4.147	4.088	4.696	4.517	4.132	4.263	6.72
74)		1,3-Dichlorobenzene	2.100	1.614	1.715	1.799	1.782	1.740	1.782	8.55
75)		p-Isopropyltoluene	3.116	2.769	2.957	3.412	3.381	3.230	3.140	7.27
76)		1,4-Dichlorobenzene	2.042	1.621	1.614	1.689	1.693	1.682	1.714	8.63
77)		n-Butylbenzene	2.159	1.981	2.225	2.783	2.781	2.600	2.438	13.03
78)		1,2-Dichlorobenzene	2.048	1.605	1.652	1.689	1.663	1.639	1.704	9.04
79)		1,2-Dibromo-3-chlor	0.156	0.099	0.114	0.127	0.141	0.135	0.130	14.57
80)		1,2,4-Trichlorobenz	0.466	0.423	0.466	0.666	0.670	0.715	0.593	22.94
81)		Hexachlorobutadiene	0.462	0.408	0.428	0.520	0.521	0.546	0.491	11.86
82)		Naphthalene	0.522	0.499	0.818	1.183	1.288	1.309	0.993	37.54
83)		1,2,3-Trichlorobenz	0.408	0.388	0.467	0.638	0.651	0.683	0.562	24.21

(#) = Out of Range ### Number of calibration levels exceeded format. ###

6/11/07

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T608VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 11 08:43:06 2007
Response via : Continuing Calibration

Calibration Files
40 =T8869.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.452		
3)	P	Chloromethane	0.425		
4)	CP	Vinyl chloride	0.352		
5)		Bromomethane	0.177		
6)		Chloroethane	0.185		
7)		Trichlorofluorometh	0.504		
8)		Acetone	0.051		
9)		Acrolein			
10)	CPM	1,1-Dichloroethene	0.204		
11)		Methyl iodide	0.294		
12)		1,1,2-Trichloro-1,2	0.257		
13)		Methyl acetate	0.139		
14)		Acrylonitrile	0.060		
15)		Methylene chloride	0.260		
16)		Carbon disulfide	0.815		
17)		trans-1,2-Dichloroe	0.250		
)		Methyl tert-Butyl e	0.612		
)	P	1,1-Dichloroethane	0.452		
20)		Vinyl acetate	0.387		
21)		2-Butanone	0.078		
22)		cis-1,2-Dichloroeth	0.273		
23)		Bromochloromethane	0.117		
24)	CP	Chloroform	0.491		
25)		2,2-Dichloropropane	0.442		
26)		Cyclohexane	0.492		
27)	S	Dibromofluoromethan	0.226		
28)	S	1,2-Dichloroethane-	0.288		
29)		1,2-Dichloroethane	0.347		
30)		1,1,1-Trichloroetha	0.470		
31)		1,1-Dichloropropene	0.373		
32)		Carbon tetrachlorid	0.354		
33)	M	Benzene	1.052		
34)	M	Trichloroethene	0.294		
35)		Dibromomethane	0.140		
36)		Methylcyclohexane	0.480		
37)	CP	1,2-Dichloropropane	0.256		
38)		Bromodichloromethan	0.342		
39)		2-Chloroethylvinyl	0.098		
40)		4-Methyl-2-pentanon	0.190		
41)		cis-1,3-Dichloropro	0.421		
42)	S	Toluene-d8	0.999		
)	CPM	Toluene	0.779		

(#) = Out of Range ### Number of calibration levels exceeded format ###

12/11/07

Response Factor Report #1MS11

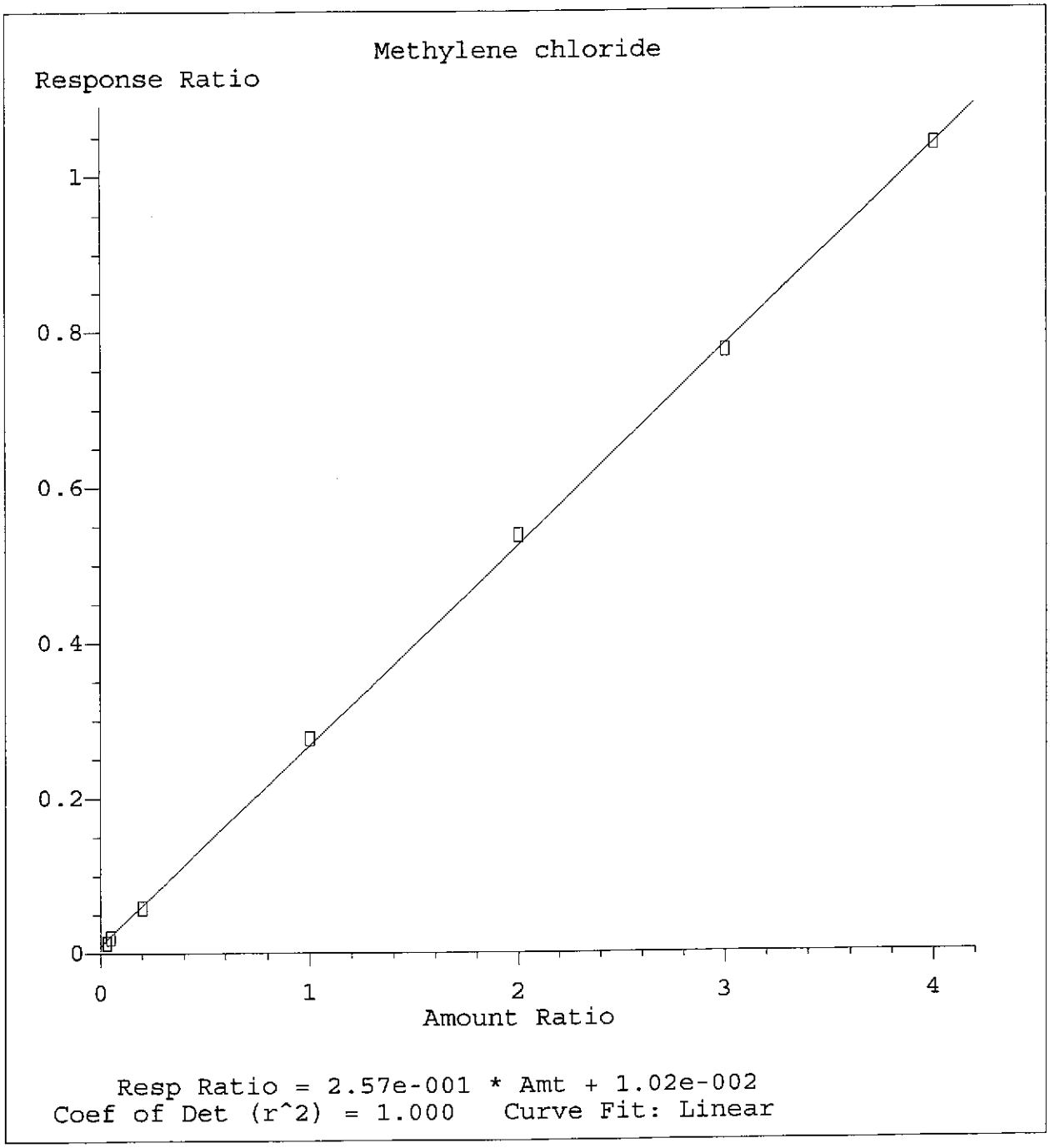
Method : C:\HPCHEM\1\METHODS\T608VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 11 08:43:06 2007
Response via : Continuing Calibration

Calibration Files
40 =T8869.D = =
= = =

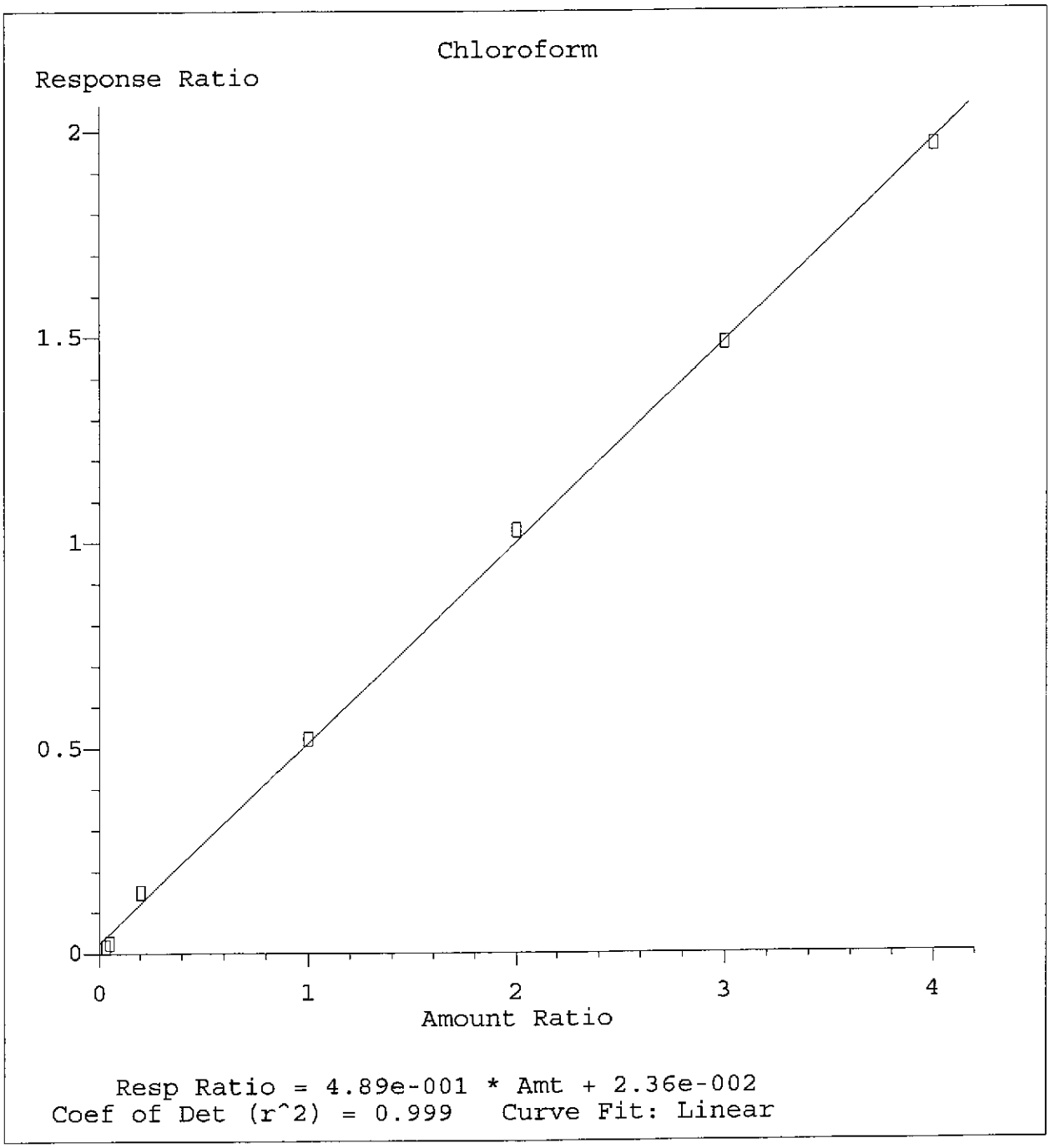
		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.383		
45)		1,1,2-Trichloroetha	0.167		
46)		2-Hexanone	0.138		
47)	I	Chlorobenzene-d5	----------ISTD-		
48)		1,2-Dibromoethane	0.438		
49)		1,3-Dichloropropane	0.790		
50)		Dibromochloromethan			
51)		Tetrachloroethene	0.610		
52)		1-Chlorohexane	0.880		
53)		1,1,1,2-Tetrachloro	0.524		
54)	PM	Chlorobenzene	1.735		
55)	CP	Ethylbenzene	3.102		
56)		(m+p)-Xylene	1.200		
57)		o-Xylene	1.202		
58)		Styrene	2.037		
59)	P	Bromoform	0.246		
60)	S	Bromofluorobenzene	0.873		
61)	I	1,4-Dichlorobenzene-d	----------ISTD-		
62)		trans-1,4-Dichloro-	0.153		
63)	P	1,1,2,2-Tetrachloro	0.738		
64)		Isopropylbenzene	4.076		
65)		1,2,3-Trichloroprop	0.690		
66)		Bromobenzene	0.967		
67)		n-Propylbenzene	4.416		
68)		2-Chlorotoluene	3.331		
69)		4-Chlorotoluene	2.851		
70)		1,3,5-Trimethylbenz	3.049		
71)		tert-Butylbenzene	2.866		
72)		1,2,4-Trimethylbenz	2.688		
73)		sec-Butylbenzene	3.862		
74)		1,3-Dichlorobenzene	1.724		
75)		p-Isopropyltoluene	3.111		
76)		1,4-Dichlorobenzene	1.658		
77)		n-Butylbenzene	2.538		
78)		1,2-Dichlorobenzene	1.632		
79)		1,2-Dibromo-3-chlor	0.140		
80)		1,2,4-Trichlorobenz	0.746		
81)		Hexachlorobutadiene	0.554		
82)		Naphthalene	1.330		
83)		1,2,3-Trichlorobenz	0.702		

(#) = Out of Range ### Number of calibration levels exceeded format ###

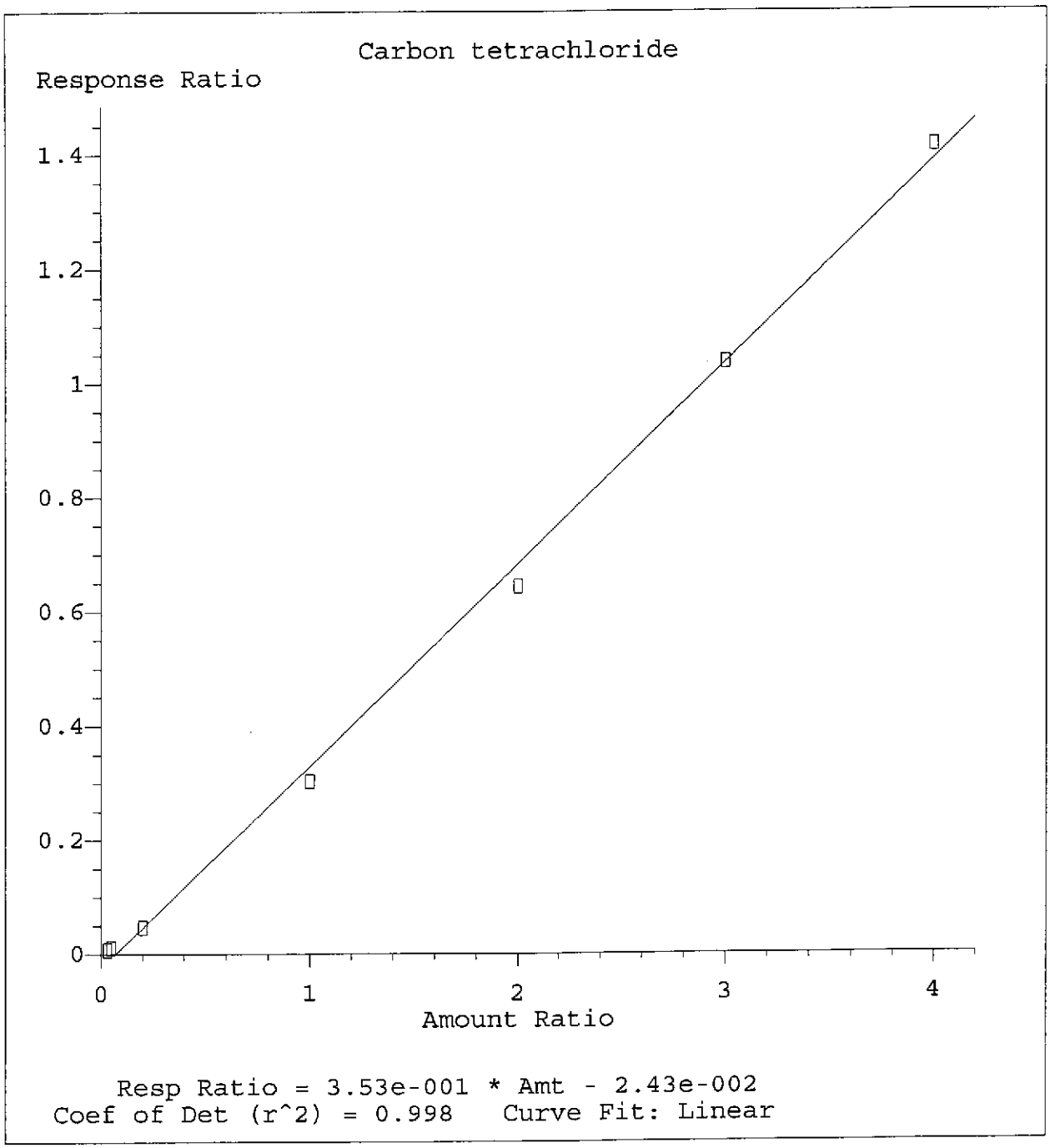
DaWBeb 6/11/07



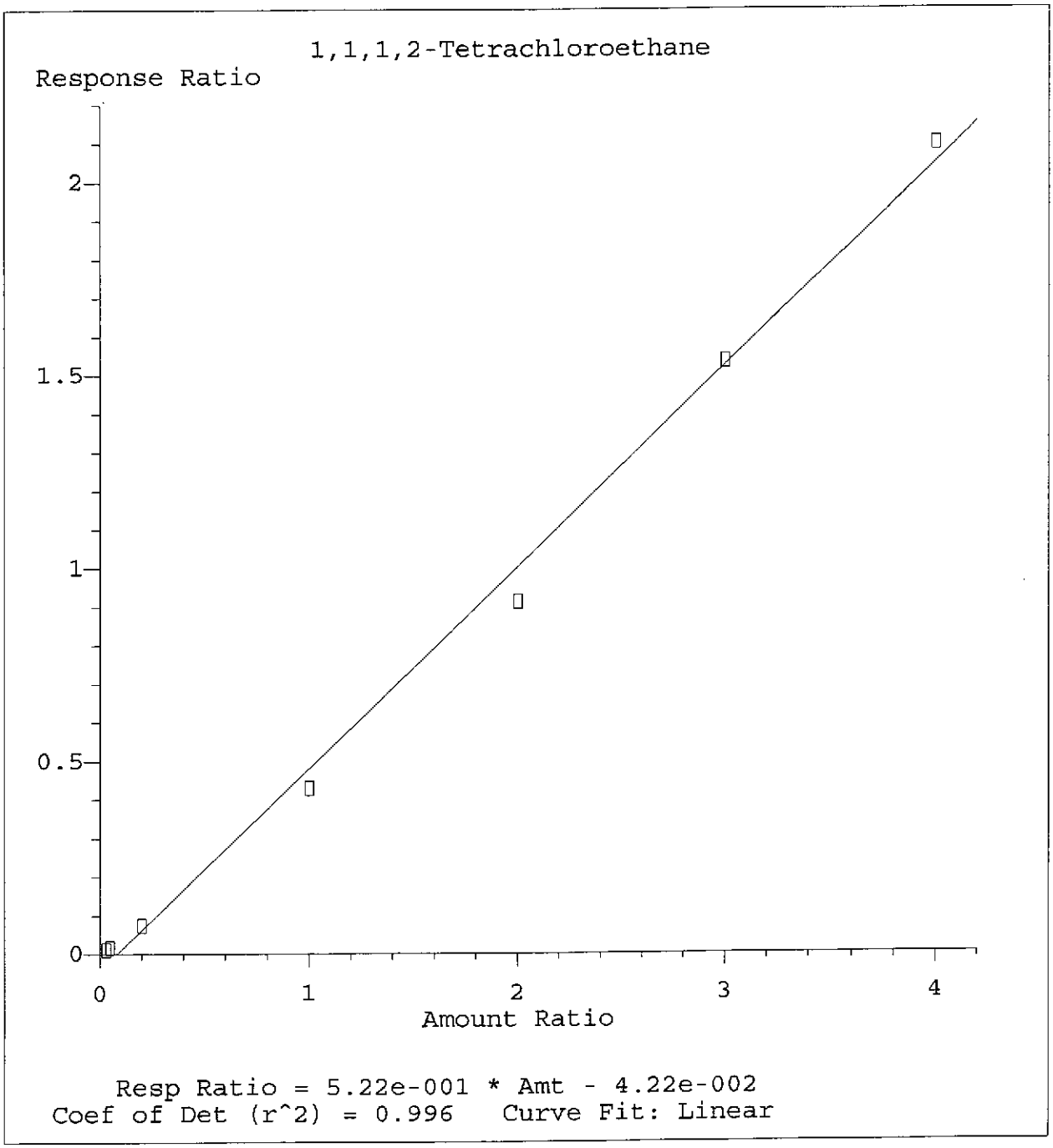
Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:34:42 2007



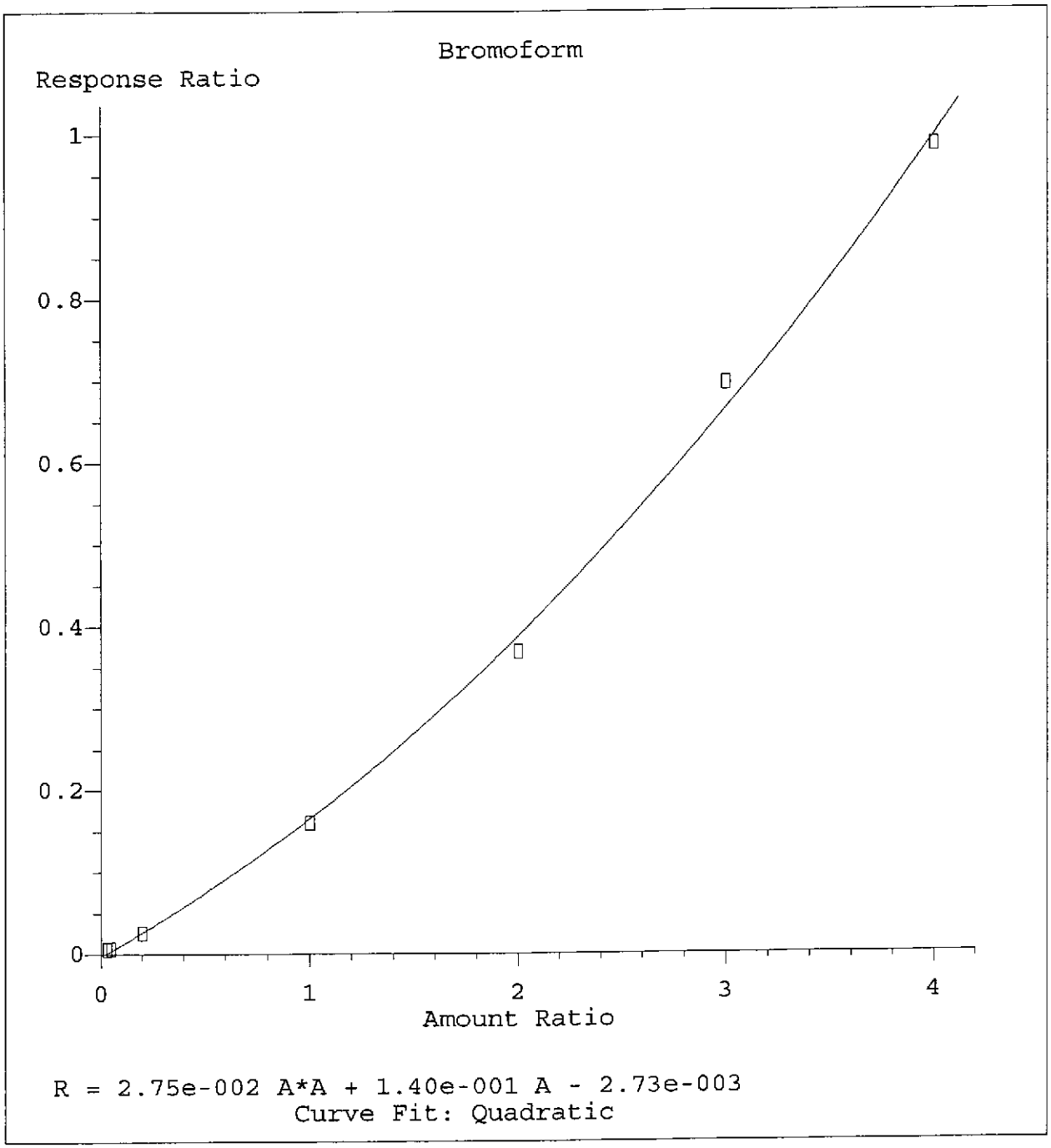
Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:35:17 2007



Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:36:12 2007



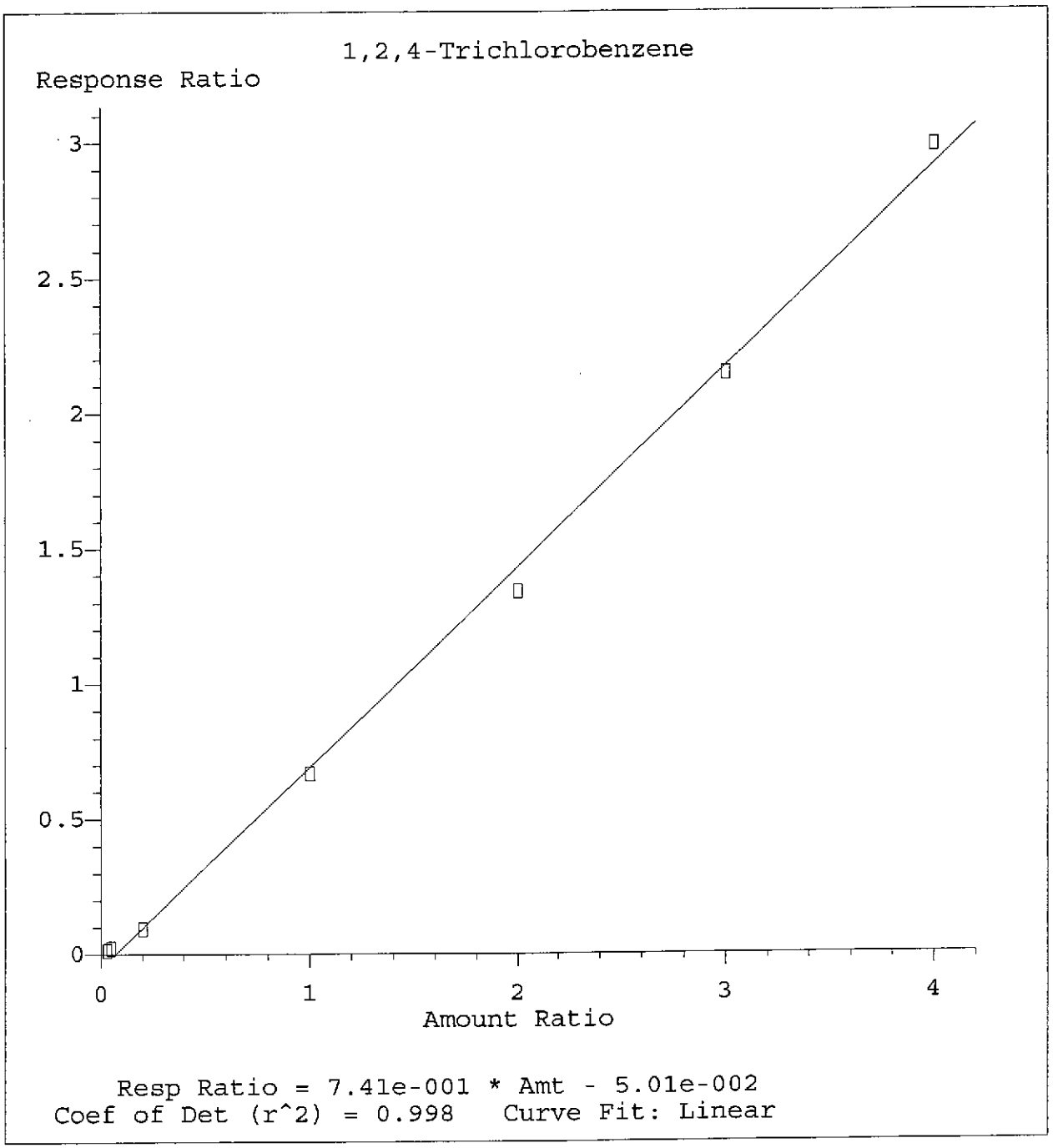
Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:37:53 2007



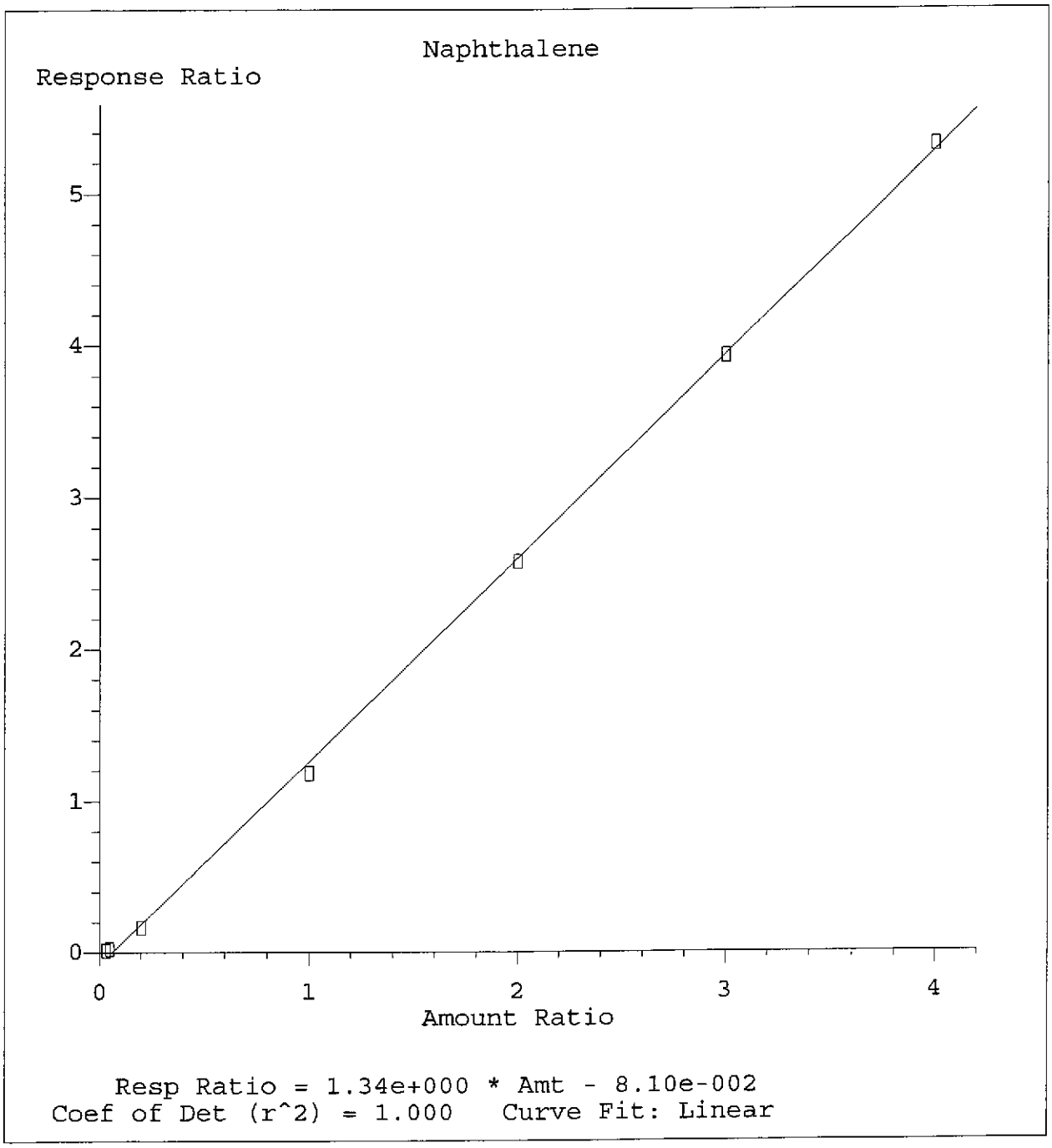
Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:39:17 2007

Coef of Det (r^2) = 0998

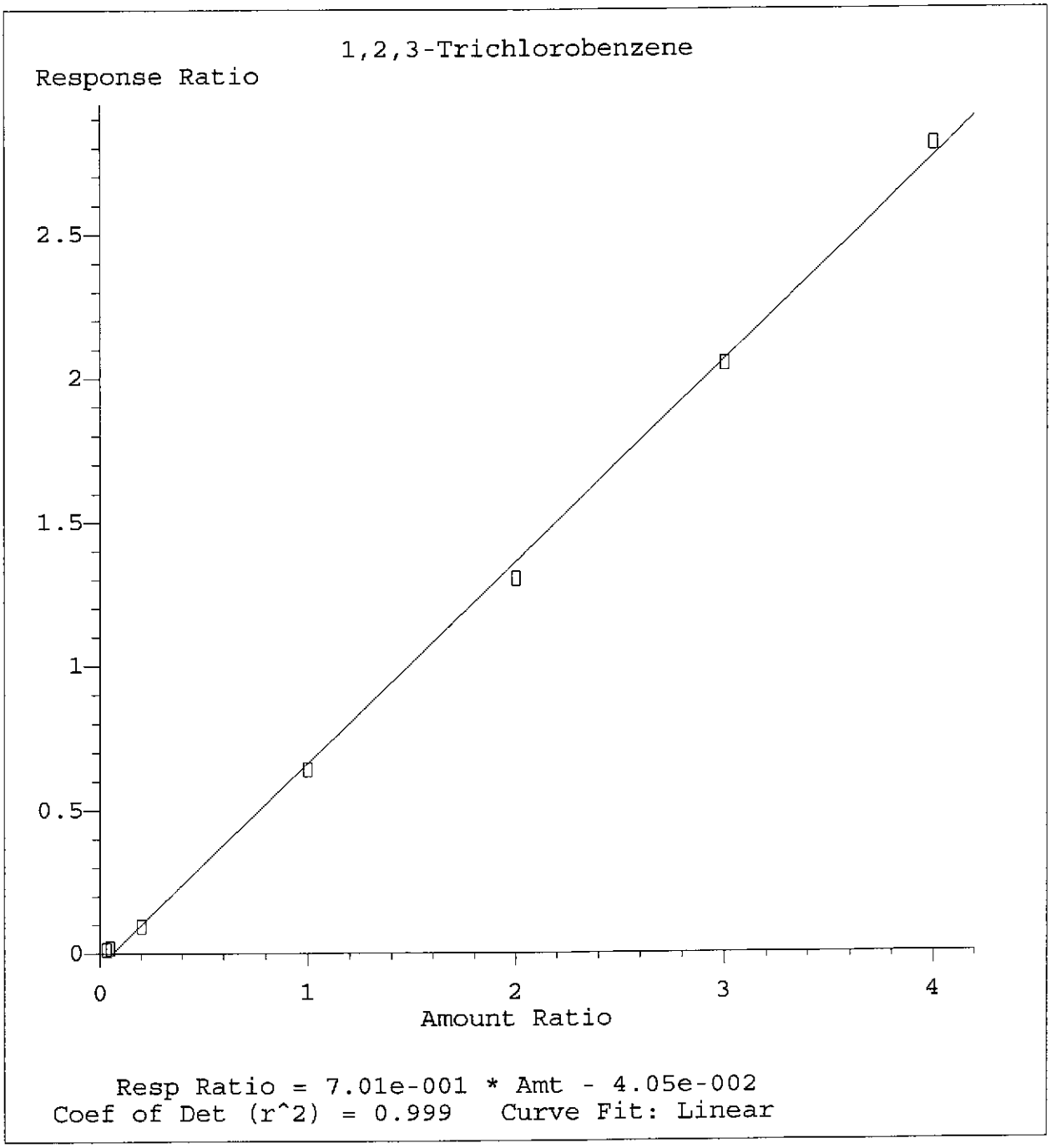
DMB
6/11/07



Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:40:40 2007



Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:41:12 2007



Method Name: C:\HPCHEM\1\METHODS\T608VOCW.M
Calibration Table Last Updated: Mon Jun 11 08:41:29 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 21JUN07

Initial Calibration ID: 986

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.369	0.361	0.343	0.414	0.402	0.404	0.382	6.81
3)	P	Chloromethane	0.269	0.233	0.229	0.267	0.266	0.272	0.257	7.06
4)	CP	Vinyl chloride	0.192	0.209	0.193	0.229	0.236	0.241	0.220	9.78
5)		Bromomethane	0.181	0.189	0.157	0.186	0.194	0.203	0.187	8.08
6)		Chloroethane	0.114	0.104	0.120	0.137	0.138	0.145	0.128	12.04
7)		Trichlorofluorometh	0.546	0.529	0.539	0.652	0.620	0.608	0.581	8.05
8)		Acetone		0.048	0.038	0.044	0.042	0.041	0.042	8.09
9)		Acrolein	0.001	0.001	0.001	0.001	0.002	0.002	0.002	45.34
10)	CPM	1,1-Dichloroethene	0.183	0.158	0.153	0.192	0.195	0.192	0.181	9.69
11)		Methyl iodide	0.214	0.227	0.237	0.328	0.348	0.356	0.294	21.98
12)		1,1,2-Trichloro-1,2	0.222	0.243	0.212	0.279	0.274	0.270	0.252	10.56
13)		Methyl acetate	0.124	0.120	0.097	0.098	0.097	0.096	0.104	11.70
14)		Acrylonitrile	0.039	0.040	0.039	0.043	0.041	0.041	0.041	3.41
15)		Methylene chloride	0.511	0.353	0.250	0.226	0.225	0.220	0.286	38.61
16)		Carbon disulfide	0.592	0.562	0.559	0.693	0.667	0.673	0.629	8.96
17)		trans-1,2-Dichloroe	0.227	0.211	0.206	0.246	0.243	0.242	0.230	7.04
18)		Methyl tert-Butyl e	0.590	0.544	0.529	0.585	0.596	0.572	0.568	4.45
19)	P	1,1-Dichloroethane	0.380	0.377	0.334	0.389	0.378	0.369	0.370	4.86
20)		Vinyl acetate	0.279	0.225	0.248	0.286	0.278	0.285	0.269	8.83
21)		2-Butanone	0.062	0.046	0.050	0.054	0.055	0.056	0.054	9.34
22)		cis-1,2-Dichloroeth	0.247	0.241	0.230	0.272	0.268	0.266	0.255	6.08
23)		Bromochloromethane	0.146	0.146	0.138	0.148	0.146	0.143	0.144	2.20
24)	CP	Chloroform	0.790	0.796	0.481	0.520	0.518	0.497	0.583	24.83
25)		2,2-Dichloropropane	0.417	0.415	0.398	0.489	0.496	0.485	0.452	9.05
26)		Cyclohexane	0.244	0.258	0.251	0.352	0.357	0.355	0.310	17.82
27)	S	Dibromofluoromethan	0.260	0.244	0.237	0.276	0.270	0.265	0.258	5.41
28)	S	1,2-Dichloroethane-	0.329	0.345	0.311	0.327	0.321	0.304	0.318	5.90
29)		1,2-Dichloroethane	0.408	0.375	0.374	0.398	0.389	0.363	0.379	5.61
30)		1,1,1-Trichloroetha	0.509	0.480	0.478	0.603	0.604	0.580	0.543	10.11
31)		1,1-Dichloropropene	0.272	0.267	0.253	0.328	0.342	0.338	0.305	12.76
32)		Carbon tetrachlorid	0.442	0.404	0.398	0.504	0.522	0.506	0.466	10.97
33)	M	Benzene	0.816	0.777	0.755	0.897	0.915	0.907	0.850	7.80
34)	M	Trichloroethene	0.285	0.292	0.256	0.305	0.312	0.312	0.295	6.78
35)		Dibromomethane	0.158	0.149	0.131	0.151	0.145	0.140	0.144	6.34
36)		Methylcyclohexane	0.262	0.286	0.295	0.396	0.406	0.419	0.355	19.88
37)	CP	1,2-Dichloropropane	0.183	0.164	0.160	0.185	0.190	0.188	0.180	7.01
38)		Bromodichloromethan	0.389	0.401	0.314	0.378	0.384	0.369	0.371	7.60
39)		2-Chloroethylvinyl	0.070	0.065	0.068	0.081	0.079	0.082	0.076	10.11
40)		4-Methyl-2-pentanon	0.119	0.117	0.119	0.139	0.141	0.144	0.131	9.58
41)		cis-1,3-Dichloropro	0.327	0.306	0.305	0.355	0.374	0.370	0.344	8.81
42)	S	Toluene-d8	0.901	0.836	0.869	1.037	1.058	1.048	0.965	9.70
43)	CPM	Toluene	0.639	0.625	0.612	0.745	0.762	0.755	0.696	9.67

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Baldin 6/12/07

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.297	0.270	0.279	0.358	0.368	0.362	0.327	13.28
45)		1,1,2-Trichloroetha	0.126	0.131	0.125	0.147	0.151	0.148	0.139	8.00
46)		2-Hexanone			0.075	0.092	0.099	0.103	0.094	12.10
47)	I	Chlorobenzene-d5	----------ISTD----------							
48)		1,2-Dibromoethane	0.426	0.447	0.431	0.485	0.504	0.512	0.474	8.07
49)		1,3-Dichloropropane	0.680	0.618	0.634	0.711	0.714	0.711	0.684	6.12
50)		Dibromochloromethan	0.658	0.558	0.543	0.644	0.693	0.710	0.645	10.76
51)		Tetrachloroethene	0.716	0.779	0.721	0.876	0.886	0.915	0.828	10.46
52)		1-Chlorohexane	0.654	0.560	0.643	0.808	0.843	0.875	0.752	17.30
53)		1,1,1,2-Tetrachloro	0.607	0.611	0.611	0.715	0.746	0.761	0.687	10.78
54)	PM	Chlorobenzene	1.949	1.840	1.861	2.103	2.114	2.137	2.009	6.20
55)	CP	Ethylbenzene	3.185	3.106	2.931	3.479	3.446	3.464	3.262	6.43
56)		(m+p)-Xylene	1.074	1.081	1.055	1.266	1.291	1.367	1.206	10.90
57)		o-Xylene	1.132	1.075	1.042	1.260	1.293	1.368	1.213	10.62
58)		Styrene	1.517	1.435	1.564	2.094	2.184	2.300	1.899	19.76
59)	P	Bromoform	0.291	0.258	0.291	0.369	0.404	0.423	0.353	20.43
60)	S	Bromofluorobenzene	1.091	0.854	0.799	0.948	0.973	1.004	0.946	10.14
61)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
62)		trans-1,4-Dichloro-	0.083	0.048	0.080	0.101	0.115	0.113	0.094	27.09
63)	P	1,1,2,2-Tetrachloro	0.596	0.548	0.519	0.546	0.540	0.490	0.535	6.37
64)		Isopropylbenzene	3.708	3.748	3.628	3.981	3.881	3.564	3.690	5.90
65)		1,2,3-Trichloroprop	0.498	0.493	0.487	0.504	0.502	0.471	0.490	2.56
66)		Bromobenzene	1.005	1.014	0.992	1.066	1.049	1.001	1.019	2.66
67)		n-Propylbenzene	3.063	3.352	3.243	3.744	3.692	3.486	3.403	7.38
68)		2-Chlorotoluene	2.488	2.684	2.527	2.768	2.729	2.598	2.613	4.38
69)		4-Chlorotoluene	1.971	2.168	2.009	2.282	2.278	2.186	2.145	5.66
70)		1,3,5-Trimethylbenz	2.291	2.375	2.282	2.651	2.616	2.546	2.455	6.15
71)		tert-Butylbenzene	2.651	2.643	2.373	2.770	2.734	2.615	2.609	5.34
72)		1,2,4-Trimethylbenz	1.960	2.090	2.018	2.371	2.358	2.274	2.175	7.51
73)		sec-Butylbenzene	2.918	3.076	3.043	3.605	3.541	3.298	3.216	8.38
74)		1,3-Dichlorobenzene	1.474	1.624	1.549	1.765	1.761	1.705	1.649	6.59
75)		p-Isopropyltoluene	2.393	2.470	2.439	2.996	2.975	2.840	2.678	9.64
76)		1,4-Dichlorobenzene	1.668	1.538	1.460	1.646	1.664	1.629	1.599	4.80
77)		n-Butylbenzene	1.313	1.322	1.502	1.991	1.997	1.953	1.705	18.46
78)		1,2-Dichlorobenzene	1.415	1.527	1.445	1.678	1.667	1.610	1.558	6.59
79)		1,2-Dibromo-3-chlor		0.095	0.093	0.108	0.113	0.114	0.106	9.06
80)		1,2,4-Trichlorobenz	0.207	0.321	0.539	0.767	0.828	0.834	0.619	42.92
81)		Hexachlorobutadiene	0.400	0.397	0.466	0.596	0.619	0.620	0.532	20.07
82)		Naphthalene	0.408	0.352	0.800	1.344	1.448	1.391	1.015	47.78
83)		1,2,3-Trichlorobenz	0.165	0.303	0.553	0.780	0.817	0.807	0.605	45.07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------		
2)		Dichlorodifluoromet	0.377		
3)	P	Chloromethane	0.262		
4)	CP	Vinyl chloride	0.239		
5)		Bromomethane	0.197		
6)		Chloroethane	0.140		
7)		Trichlorofluorometh	0.570		
8)		Acetone	0.041		
9)		Acrolein	0.003		
10)	CPM	1,1-Dichloroethene	0.191		
11)		Methyl iodide	0.350		
12)		1,1,2-Trichloro-1,2	0.265		
13)		Methyl acetate	0.097		
14)		Acrylonitrile	0.041		
15)		Methylene chloride	0.215		
16)		Carbon disulfide	0.658		
17)		trans-1,2-Dichloroe	0.237		
18)		Methyl tert-Butyl e	0.558		
19)	P	1,1-Dichloroethane	0.361		
20)		Vinyl acetate	0.286		
21)		2-Butanone	0.055		
22)		cis-1,2-Dichloroeth	0.260		
23)		Bromochloromethane	0.145		
24)	CP	Chloroform	0.476		
25)		2,2-Dichloropropane	0.464		
26)		Cyclohexane	0.351		
27)	S	Dibromofluoromethan	0.258		
28)	S	1,2-Dichloroethane-	0.288		
29)		1,2-Dichloroethane	0.346		
30)		1,1,1-Trichloroetha	0.551		
31)		1,1-Dichloropropene	0.334		
32)		Carbon tetrachlorid	0.486		
33)	M	Benzene	0.883		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.137		
36)		Methylcyclohexane	0.422		
37)	CP	1,2-Dichloropropane	0.189		
38)		Bromodichloromethan	0.359		
39)		2-Chloroethylvinyl	0.084		
40)		4-Methyl-2-pentanon	0.141		
41)		cis-1,3-Dichloropro	0.368		
42)	S	Toluene-d8	1.009		
43)	CPM	Toluene	0.734		

(#) = Out of Range ### Number of calibration levels exceeded format ##

David M Bottler 6/24/07

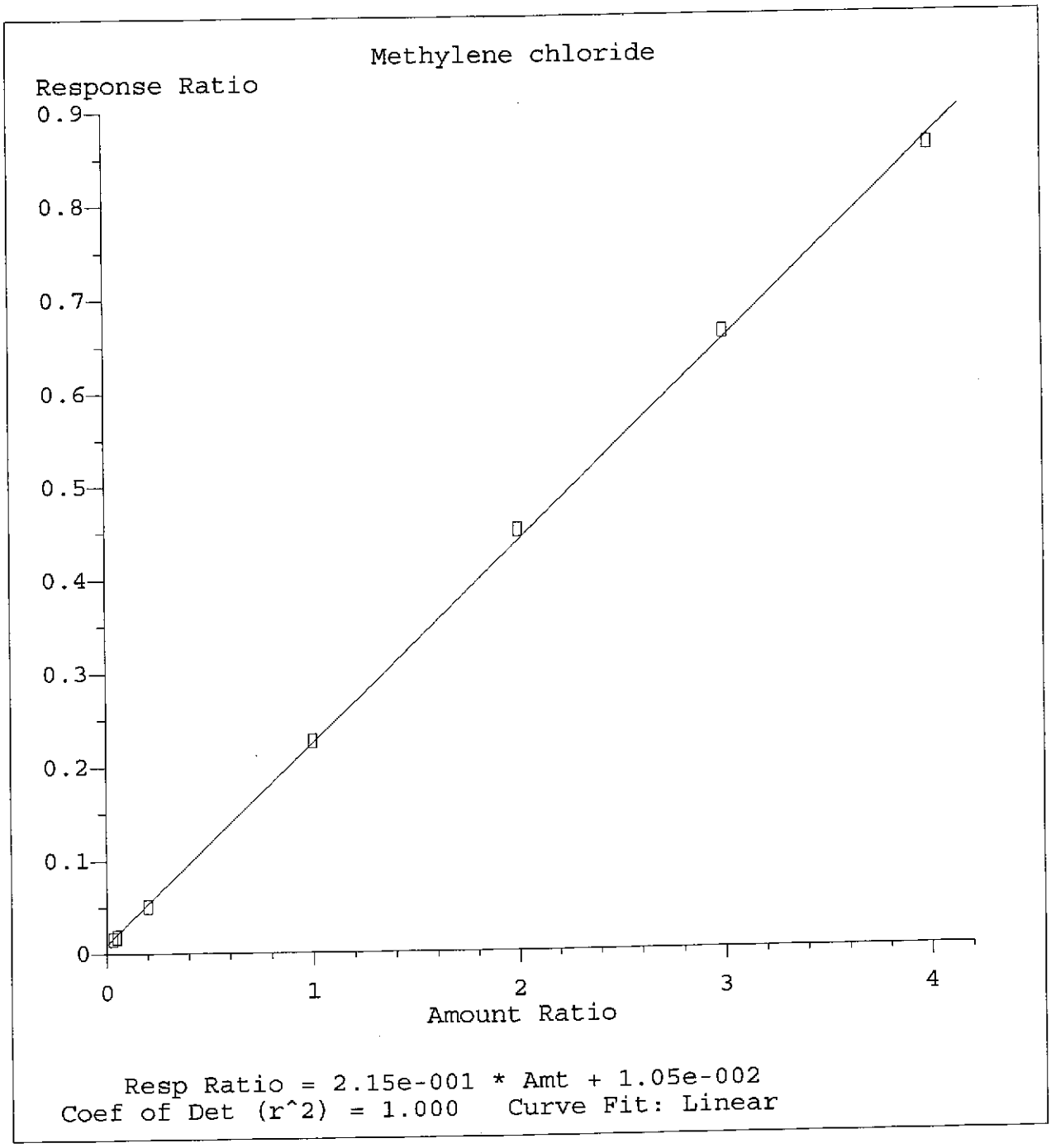
Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

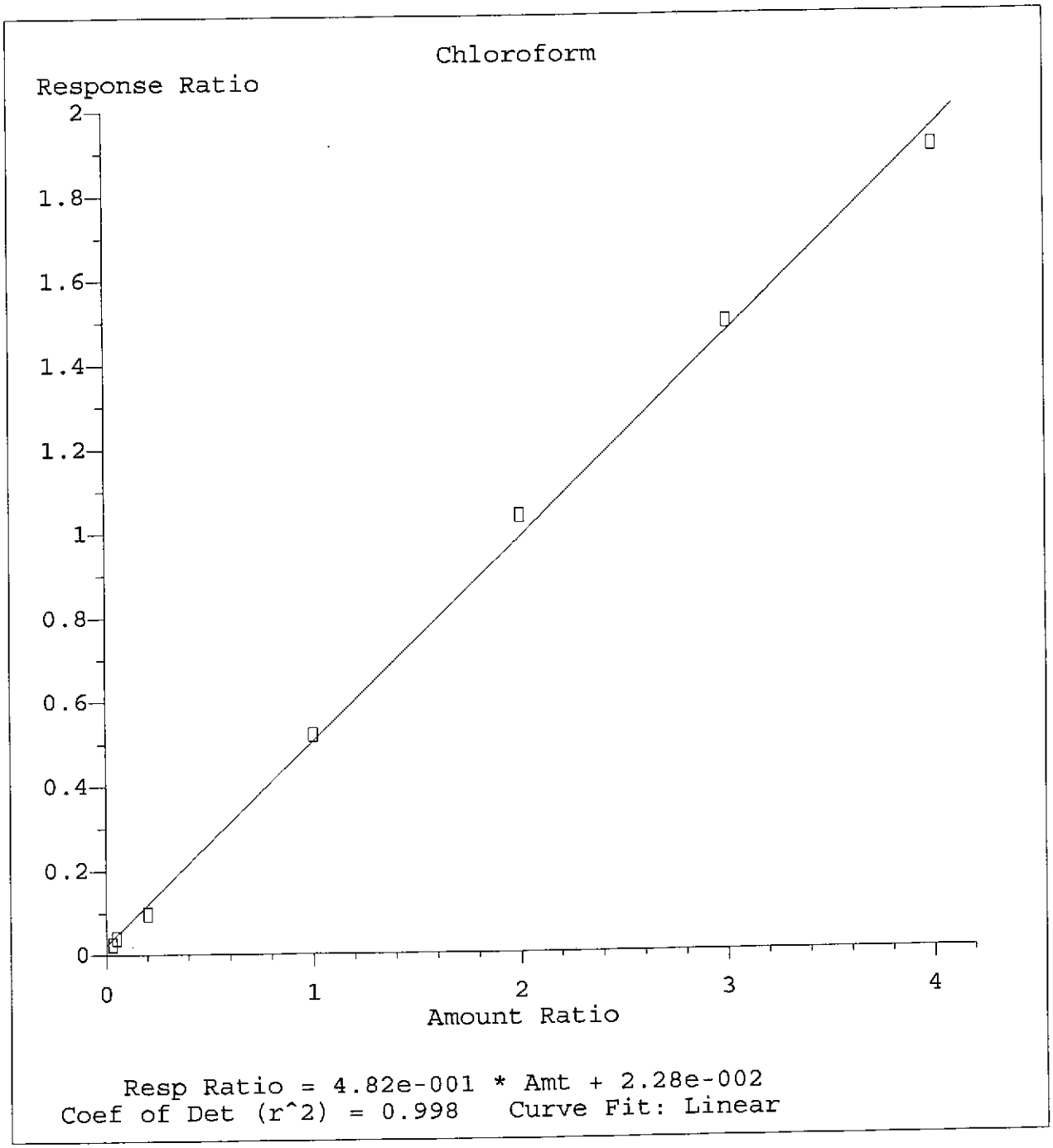
Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.357		
45)		1,1,2-Trichloroetha	0.145		
46)		2-Hexanone	0.102		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.511		
49)		1,3-Dichloropropane	0.719		
50)		Dibromochloromethan	0.710		
51)		Tetrachloroethene	0.901		
52)		1-Chlorohexane	0.882		
53)		1,1,1,2-Tetrachloro	0.760		
54)	PM	Chlorobenzene	2.060		
55)	CP	Ethylbenzene	3.221		
56)		(m+p)-Xylene	1.309		
57)		o-Xylene	1.322		
58)		Styrene	2.199		
59)	P	Bromoform	0.435		
60)	S	Bromofluorobenzene	0.956		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.118		
63)	P	1,1,2,2-Tetrachloro	0.509		
64)		Isopropylbenzene	3.317		
65)		1,2,3-Trichloroprop	0.476		
66)		Bromobenzene	1.009		
67)		n-Propylbenzene	3.239		
68)		2-Chlorotoluene	2.500		
69)		4-Chlorotoluene	2.118		
70)		1,3,5-Trimethylbenz	2.425		
71)		tert-Butylbenzene	2.480		
72)		1,2,4-Trimethylbenz	2.154		
73)		sec-Butylbenzene	3.033		
74)		1,3-Dichlorobenzene	1.666		
75)		p-Isopropyltoluene	2.632		
76)		1,4-Dichlorobenzene	1.586		
77)		n-Butylbenzene	1.861		
78)		1,2-Dichlorobenzene	1.565		
79)		1,2-Dibromo-3-chlor	0.114		
80)		1,2,4-Trichlorobenz	0.834		
81)		Hexachlorobutadiene	0.628		
82)		Naphthalene	1.362		
83)		1,2,3-Trichlorobenz	0.809		

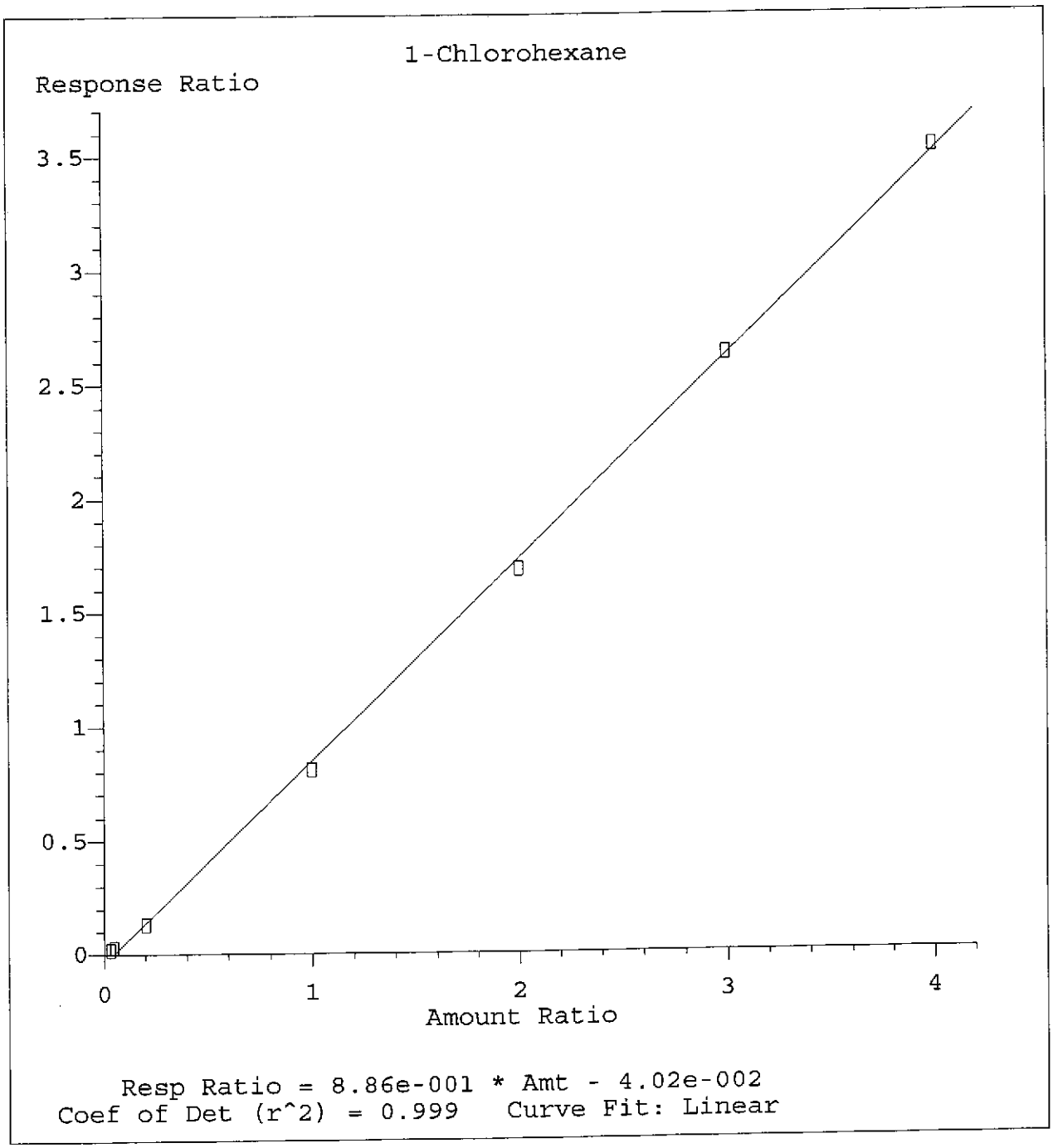
(#) = Out of Range ### Number of calibration levels exceeded format ##



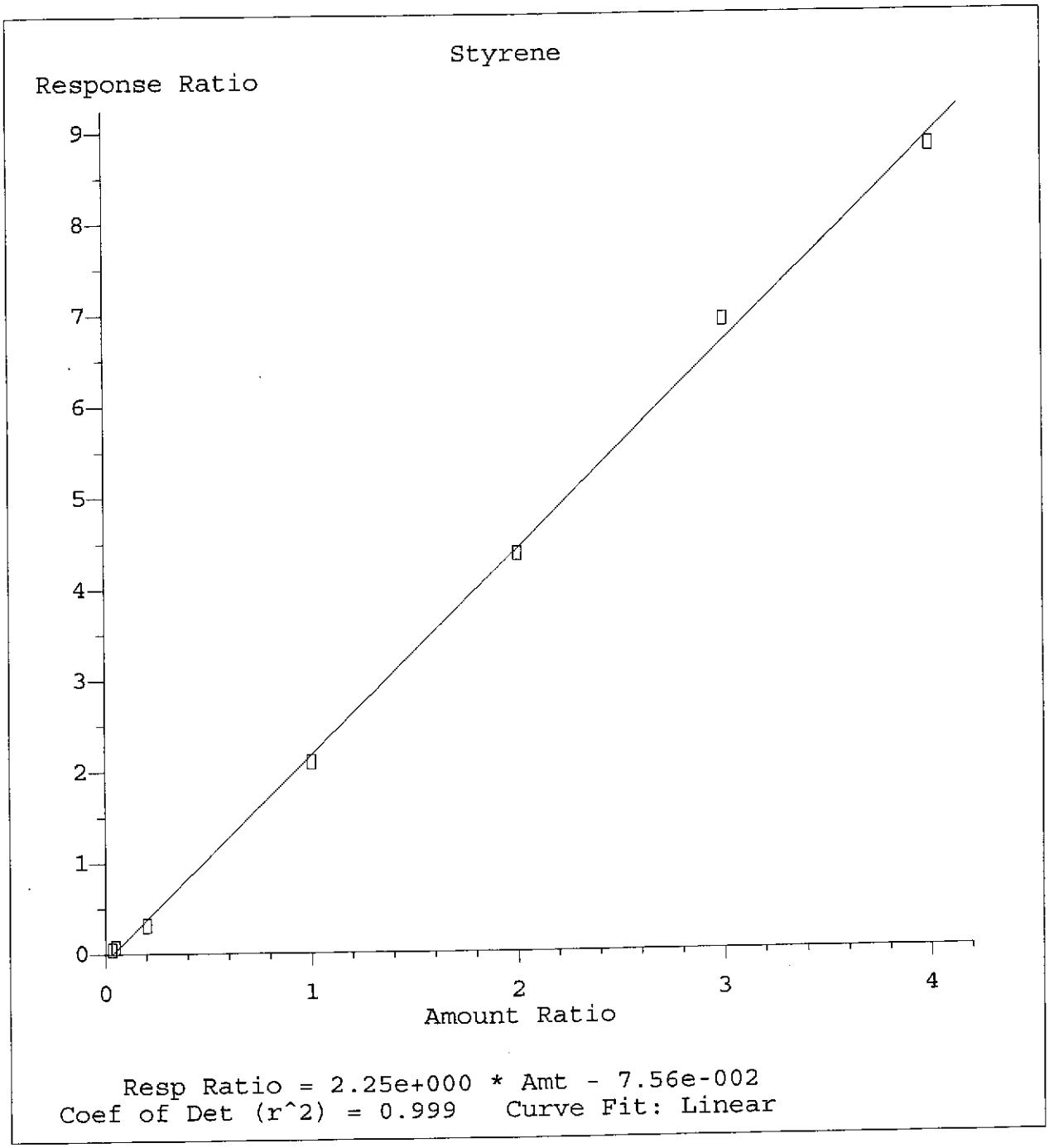
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:00:23 2007



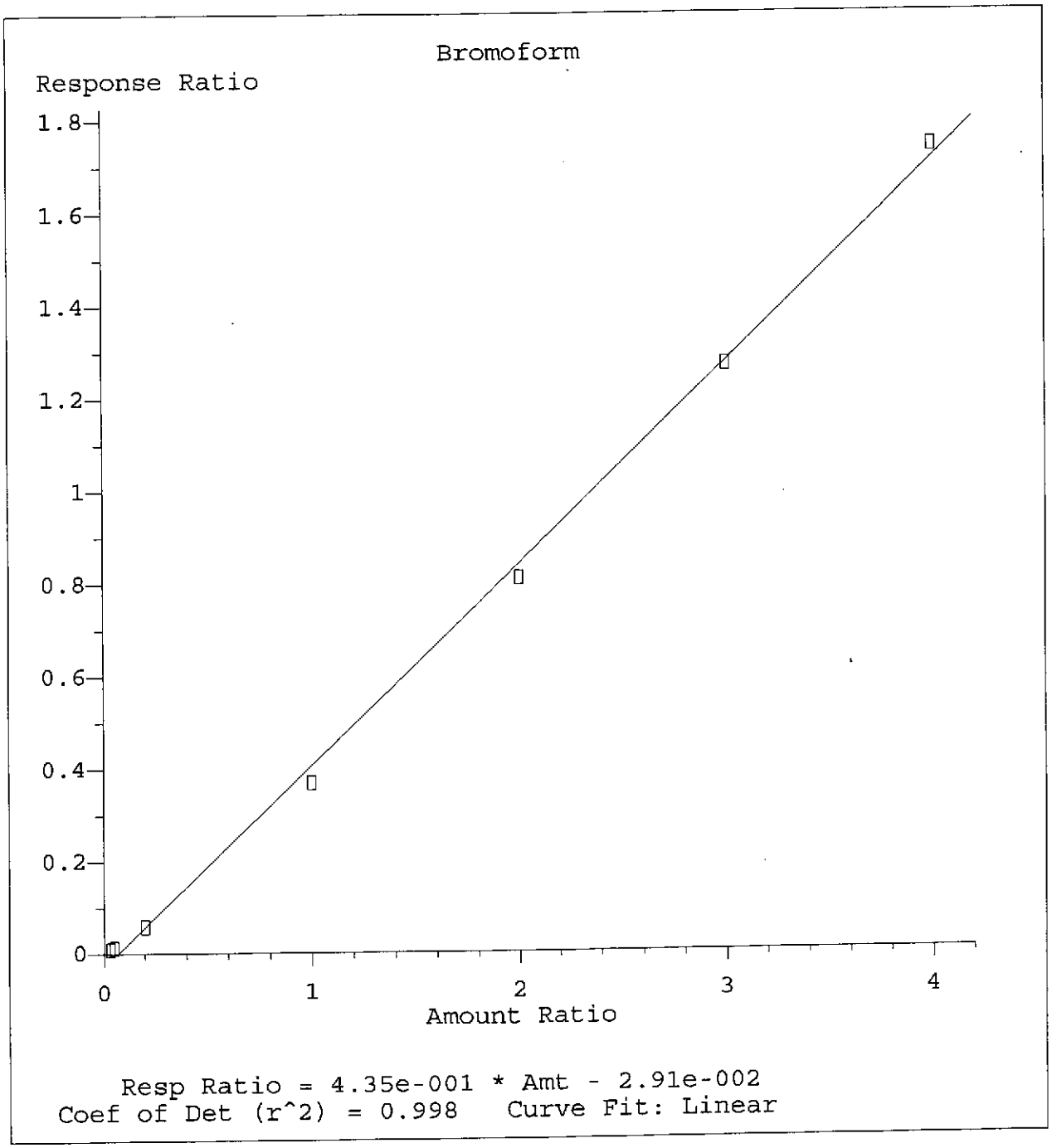
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Calibration Table Last Updated: Thu Jun 21 11:01:15 2007



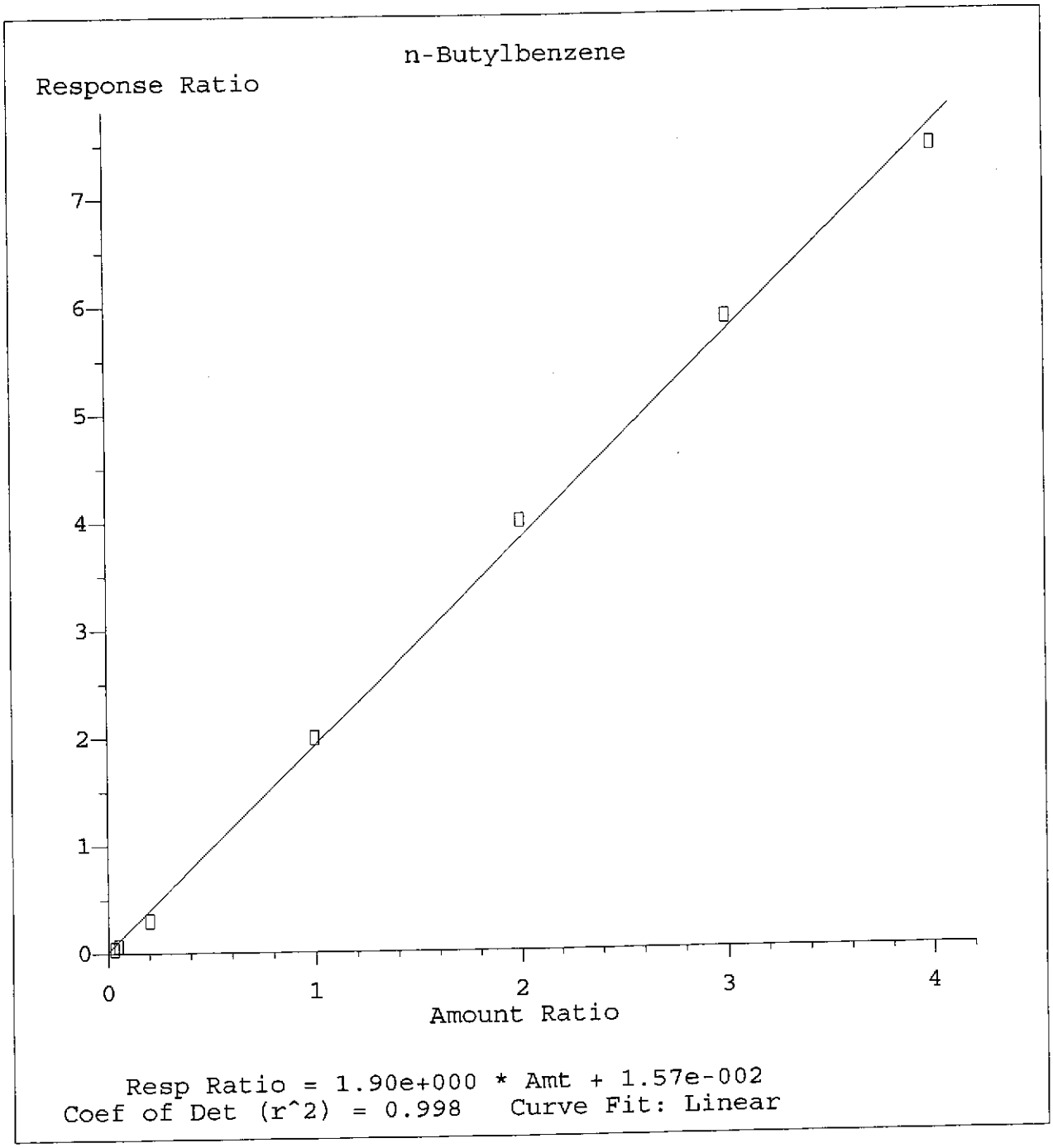
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Calibration Table Last Updated: Thu Jun 21 11:05:08 2007



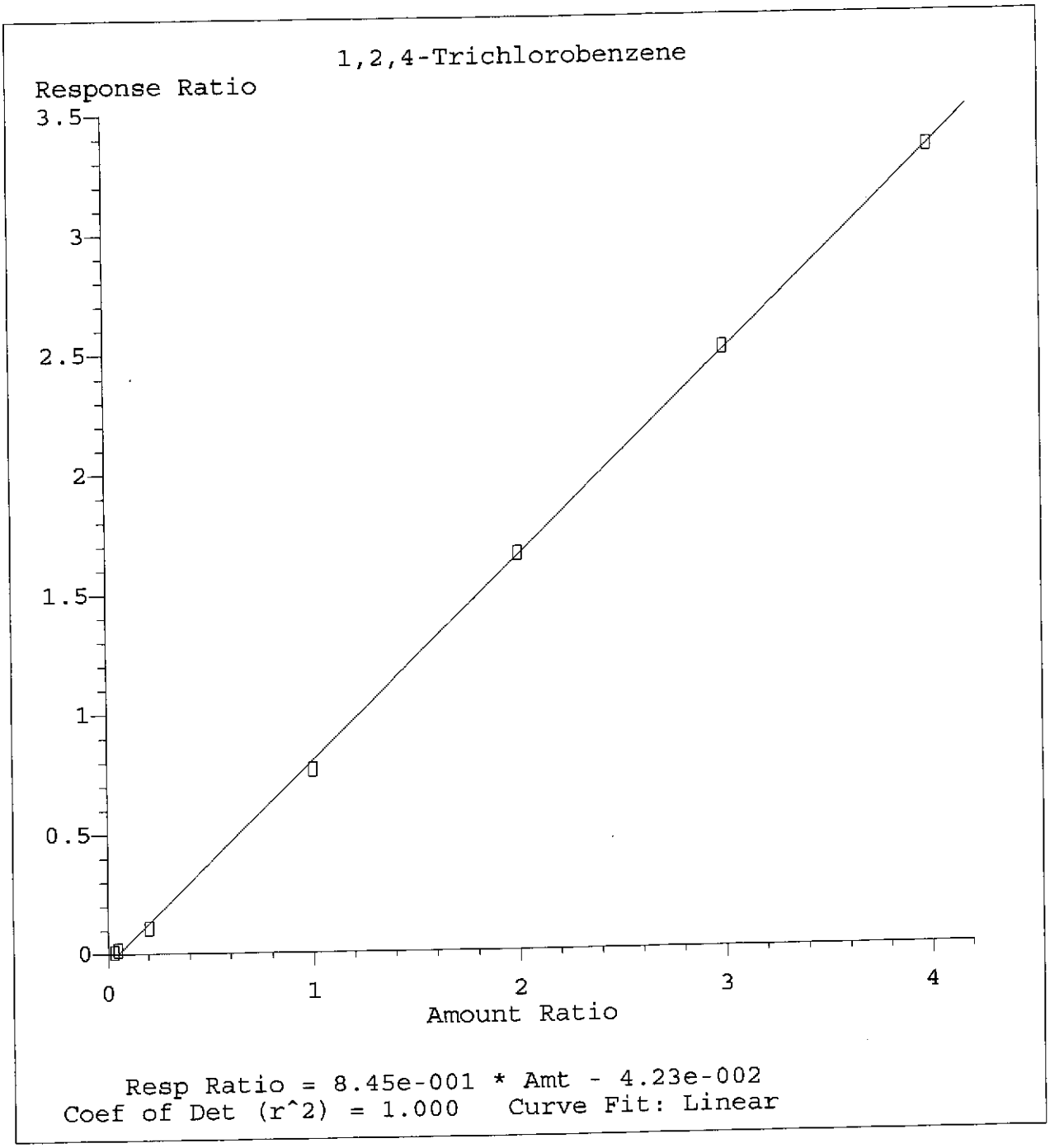
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:01 2007



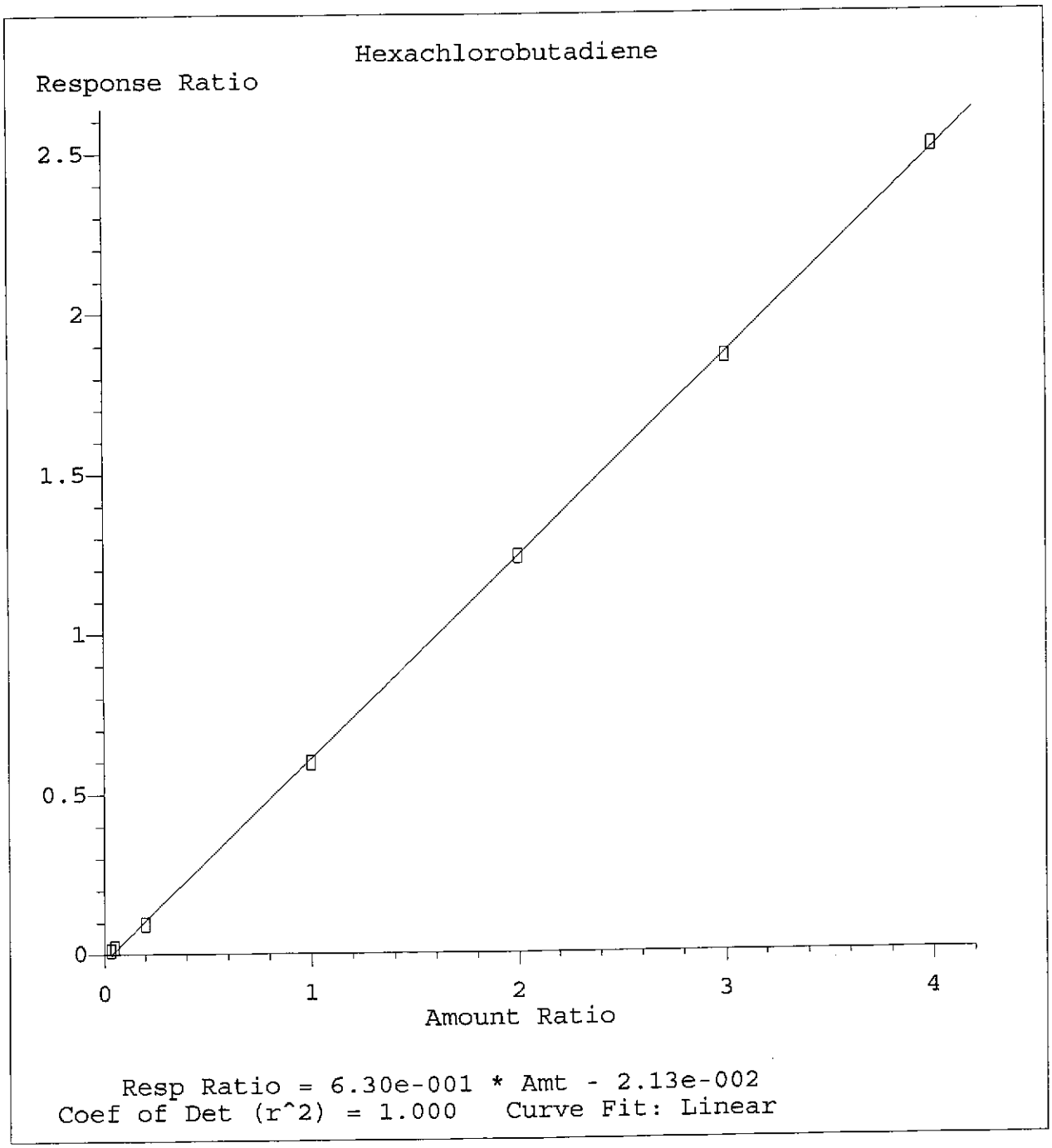
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Calibration Table Last Updated: Thu Jun 21 11:06:40 2007



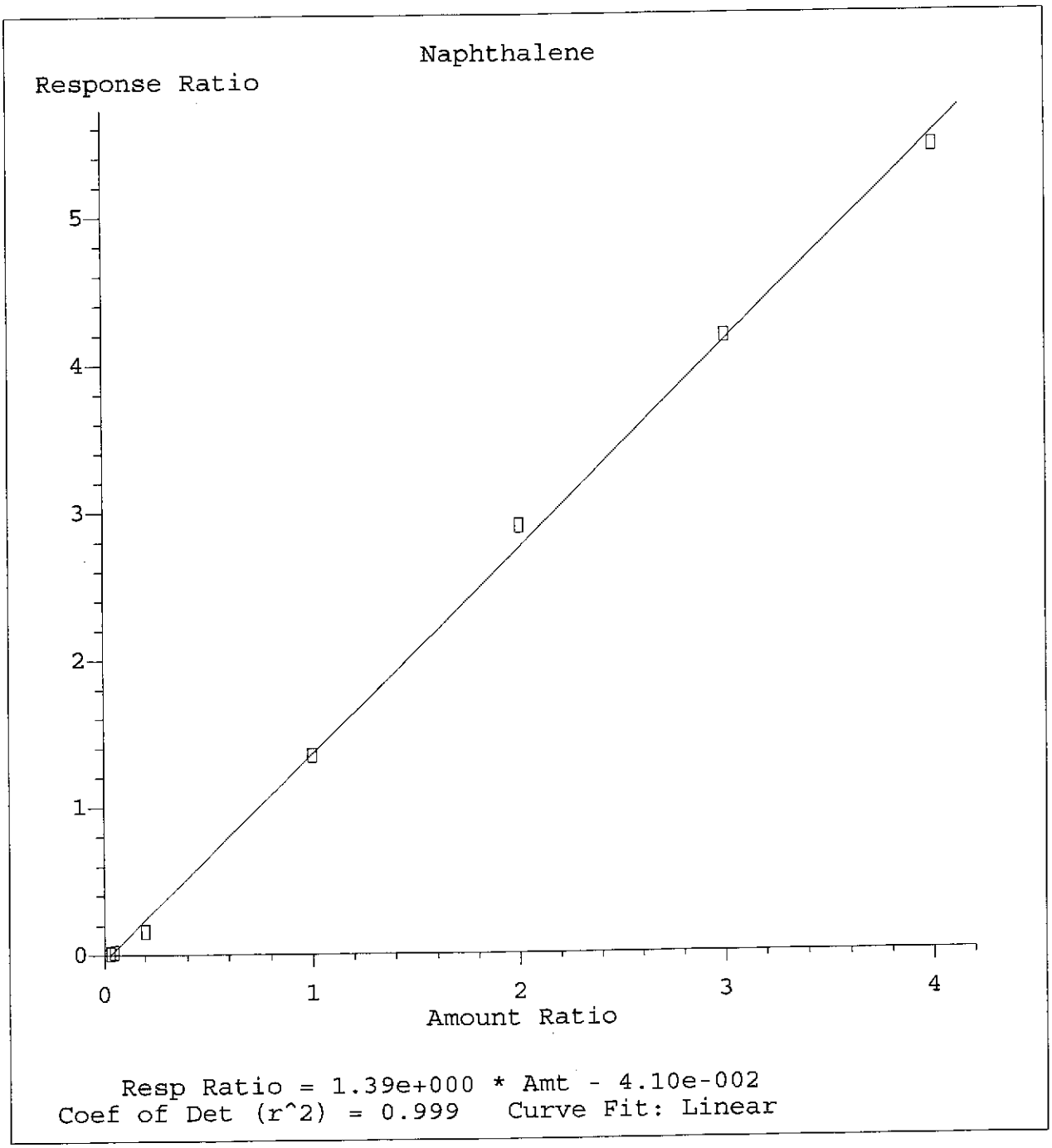
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Calibration Table Last Updated: Thu Jun 21 11:08:24 2007



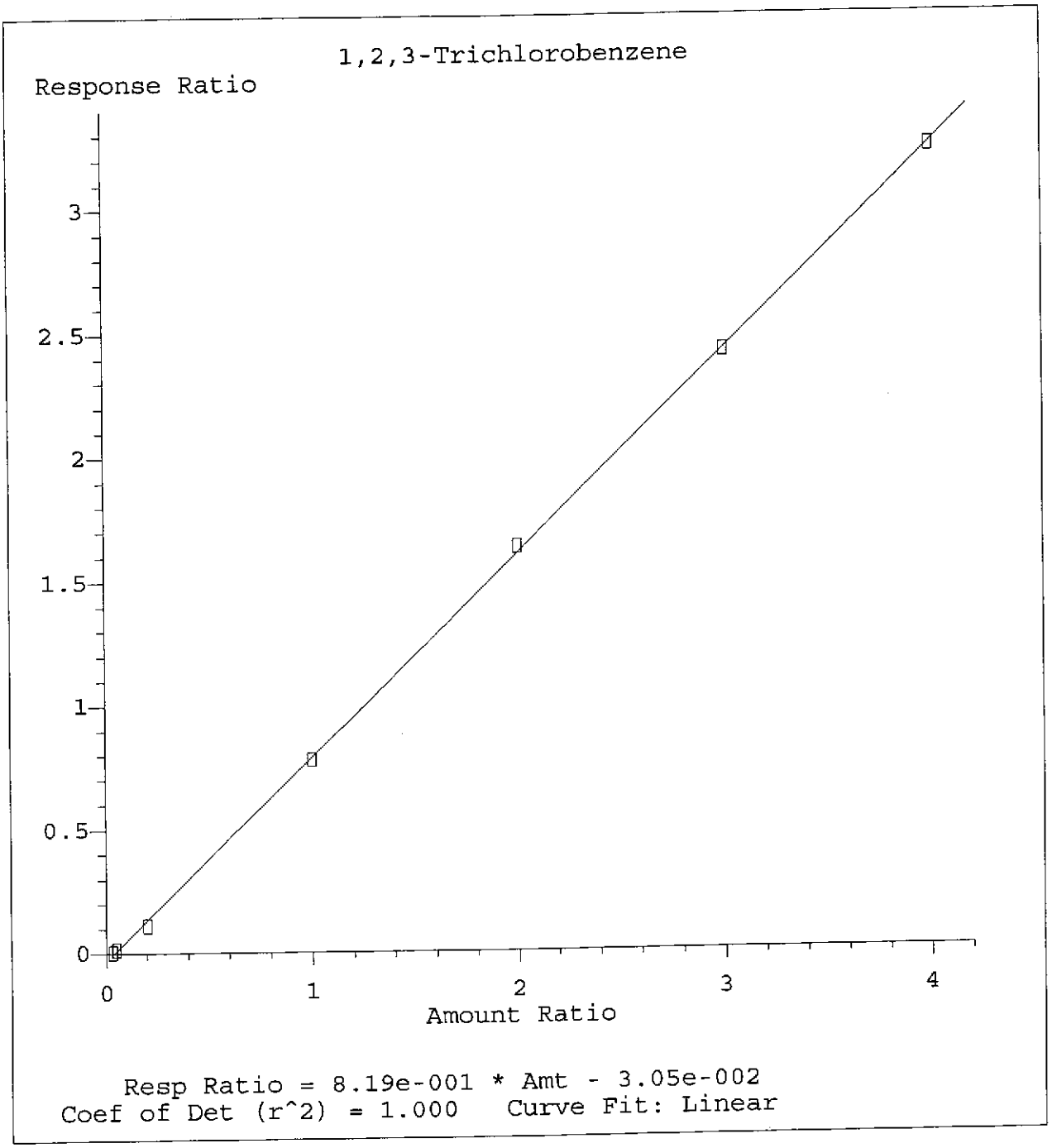
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:03 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:32 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:47 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:11:06 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	21.8	-9.3	
1,1,1,2-Tetrachloroethane	10	10.3	-2.8	
1,1,1-Trichloroethane	10	10.4	-3.6	
1,1,2,2-Tetrachloroethane	10	9.95	0.5	
1,1,2-Trichloroethane	10	10.2	-1.8	
1,1-Dichloroethane	10	10	-0.4	
1,1-Dichloroethene	10	11	-9.6	
1,1-Dichloropropene	10	10.6	-5.6	
1,2,3-Trichlorobenzene	10	9.5	5.0	
1,2,3-Trichloropropane	10	9.89	1.1	
1,2,4-Trichlorobenzene	10	9.48	5.2	
1,2,4-Trimethylbenzene	10	10.6	-5.7	
1,2-Dibromo-3-chloropropane	10	9.8	2.0	
1,2-Dibromoethane	10	10.4	-3.9	
1,2-Dichlorobenzene	10	10.3	-3.4	
1,2-Dichloroethane	10	9.56	4.4	
1,2-Dichloroethane-d4	10	9.23	7.7	
1,2-Dichloropropane	10	10.2	-2.0	
1,3,5-Trimethylbenzene	10	10.6	-6.4	
1,3-Dichlorobenzene	10	10.6	-5.5	
1,3-Dichloropropane	10	10.3	-2.7	
1,4-Dichlorobenzene	10	10.3	-2.7	
1-Chlorohexane	10	10.5	-5.4	
2,2-Dichloropropane	10	10.3	-3.1	
2-Butanone	20	21.6	-8.0	
2-Chlorotoluene	10	10.4	-3.6	
4-Bromofluorobenzene	10	9.72	2.8	
4-Chlorotoluene	10	10.5	-5.0	
4-Methyl-2-pentanone	20	20.6	-2.8	
Acetone	20	23	-14.8	
Benzene	10	10.5	-4.9	
Bromobenzene	10	10.3	-3.1	
Bromochloromethane	10	10	-0.1	
Bromodichloromethane	10	9.56	4.4	
Bromoform	10	9.14	8.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	10.1	-1.0	
Carbon tetrachloride	10	10.2	-2.5	
Chlorobenzene	10	10.7	-6.6	
Chloroethane	10	11	-10	
Chloroform	10	9.86	1.4	
Chloromethane	10	11.3	-13.3	
cis-1,2-Dichloroethene	10	10.4	-3.9	
cis-1,3-Dichloropropene	10	10.3	-2.6	
Dibromochloromethane	10	9.95	0.5	
Dibromofluoromethane	10	9.89	1.1	
Dibromomethane	10	9.66	3.4	
Dichlorodifluoromethane	10	11.9	-18.9	
Ethylbenzene	10	10.8	-7.7	
Hexachlorobutadiene	10	9.54	4.6	
Isopropylbenzene	10	10.8	-7.7	
Methyl tert-butyl ether	10	10.4	-3.9	
Methylene chloride	10	10.2	-2.4	
n-Butylbenzene	10	10.1	-0.7	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.96	0.4	
o-Xylene	10	10.6	-6.1	
p-Isopropyltoluene	10	11	-9.6	
sec-Butylbenzene	10	11	-10.5	
Styrene	10	9.83	1.7	
tert-Butylbenzene	10	10.5	-4.8	
Tetrachloroethene	10	10.6	-5.5	
Toluene	10	10.6	-6.4	
Toluene-d8	10	10.6	-6.2	
trans-1,2-Dichloroethene	10	10.5	-4.9	
trans-1,3-Dichloropropene	10	10.3	-3.3	
Trichloroethene	10	9.9	1.0	
Trichlorofluoromethane	10	10.2	-1.5	
Vinyl chloride	10	11.3	-13.0	
Xylenes (total)	30	32.5	-8.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	18.7	6.4	
1,1,1,2-Tetrachloroethane	10	11	-10.3	
1,1,1-Trichloroethane	10	9.08	9.2	
1,1,2,2-Tetrachloroethane	10	8.83	11.7	
1,1,2-Trichloroethane	10	9.85	1.5	
1,1-Dichloroethane	10	9.48	5.2	
1,1-Dichloroethene	10	10.1	-1.2	
1,1-Dichloropropene	10	8.81	11.9	
1,2,3-Trichlorobenzene	10	9.16	8.4	
1,2,3-Trichloropropane	10	9.13	8.7	
1,2,4-Trichlorobenzene	10	9	10	
1,2,4-Trimethylbenzene	10	8.95	10.5	
1,2-Dibromo-3-chloropropane	10	8.48	15.2	
1,2-Dibromoethane	10	9.16	8.4	
1,2-Dichlorobenzene	10	9.91	0.9	
1,2-Dichloroethane	10	9.57	4.3	
1,2-Dichloroethane-d4	10	9.49	5.1	
1,2-Dichloropropane	10	9.38	6.2	
1,3,5-Trimethylbenzene	10	9.11	8.9	
1,3-Dichlorobenzene	10	9.95	0.5	
1,3-Dichloropropane	10	10.2	-1.6	
1,4-Dichlorobenzene	10	9.65	3.5	
1-Chlorohexane	10	9.19	8.1	
2,2-Dichloropropane	10	8.82	11.8	
2-Butanone	20	16.8	16.2	
2-Chlorotoluene	10	8.93	10.7	
4-Bromofluorobenzene	10	9.84	1.6	
4-Chlorotoluene	10	8.8	12.0	
4-Methyl-2-pentanone	20	15.9	20.6	
Acetone	20	19.4	3.0	
Benzene	10	9.94	0.6	
Bromobenzene	10	10.2	-1.8	
Bromochloromethane	10	10	-0.2	
Bromodichloromethane	10	9.78	2.2	
Bromoform	10	11.2	-12.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	8.95	10.5	
Carbon tetrachloride	10	9.32	6.8	
Chlorobenzene	10	10	-0.4	
Chloroethane	10	8.8	12.0	
Chloroform	10	9.71	2.9	
Chloromethane	10	8.53	14.7	
cis-1,2-Dichloroethene	10	9.95	0.5	
cis-1,3-Dichloropropene	10	8.89	11.1	
Dibromochloromethane	10	10.8	-8.2	
Dibromofluoromethane	10	10.3	-2.7	
Dibromomethane	10	9.83	1.7	
Dichlorodifluoromethane	10	8.28	17.2	
Ethylbenzene	10	10.4	-3.7	
Hexachlorobutadiene	10	9.33	6.7	
Isopropylbenzene	10	9.24	7.6	
Methyl tert-butyl ether	10	9.45	5.5	
Methylene chloride	10	9.28	7.2	
n-Butylbenzene	10	8.53	14.7	
n-Propylbenzene	10	8.93	10.7	
Naphthalene	10	9.72	2.8	
o-Xylene	10	9.28	7.2	
p-Isopropyltoluene	10	8.91	10.9	
sec-Butylbenzene	10	9.16	8.4	
Styrene	10	8.87	11.3	
tert-Butylbenzene	10	9.1	9.0	
Tetrachloroethene	10	10.7	-6.8	
Toluene	10	9.16	8.4	
Toluene-d8	10	9.96	0.4	
trans-1,2-Dichloroethene	10	9.82	1.8	
trans-1,3-Dichloropropene	10	8.86	11.4	
Trichloroethene	10	10.4	-3.8	
Trichlorofluoromethane	10	9.12	8.8	
Vinyl chloride	10	8.77	12.3	
Xylenes (total)	30	28	6.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9869
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	976
Second Source ID:	ICV-9869	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	20.3	-1.3	
1,1,1,2-Tetrachloroethane	10	9.4	6.0	
1,1,1-Trichloroethane	10	10.8	-8.1	
1,1,2,2-Tetrachloroethane	10	10.4	-4.3	
1,1,2-Trichloroethane	10	9.69	3.1	
1,1-Dichloroethane	10	10.4	-3.7	
1,1-Dichloroethene	10	10.8	-7.7	
1,1-Dichloropropene	10	10.9	-8.9	
1,2,3-Trichlorobenzene	10	9.33	6.7	
1,2,3-Trichloropropane	10	10.4	-4.1	
1,2,4-Trichlorobenzene	10	9.23	7.7	
1,2,4-Trimethylbenzene	10	10.3	-3.2	
1,2-Dibromo-3-chloropropane	10	10.7	-7.2	
1,2-Dibromoethane	10	9.99	0.1	
1,2-Dichlorobenzene	10	9.63	3.7	
1,2-Dichloroethane	10	9.53	4.7	
1,2-Dichloroethane-d4	10	9.44	5.6	
1,2-Dichloropropane	10	10.4	-4.4	
1,3,5-Trimethylbenzene	10	10.5	-5.2	
1,3-Dichlorobenzene	10	9.97	0.3	
1,3-Dichloropropane	10	9.93	0.7	
1,4-Dichlorobenzene	10	9.72	2.8	
1-Chlorohexane	10	11.2	-12.5	
2,2-Dichloropropane	10	10.7	-7.2	
2-Butanone	20	21.7	-8.6	
2-Chlorotoluene	10	10.3	-2.9	
4-Bromofluorobenzene	10	9.41	5.9	
4-Chlorotoluene	10	10.2	-2.5	
4-Methyl-2-pentanone	20	21.4	-7.3	
Acetone	20	23.2	-15.9	
Benzene	10	10.6	-5.7	
Bromobenzene	10	9.98	0.2	
Bromochloromethane	10	10.6	-5.7	
Bromodichloromethane	10	10.3	-3.3	
Bromoform	10	10.9	-9.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9869
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	976
Second Source ID:	ICV-9869	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	10.6	-6.3	
Carbon tetrachloride	10	10	-0.5	
Chlorobenzene	10	10.2	-1.6	
Chloroethane	10	10.3	-2.7	
Chloroform	10	9.78	2.2	
Chloromethane	10	10.1	-1.3	
cis-1,2-Dichloroethene	10	10.3	-3.1	
cis-1,3-Dichloropropene	10	10.6	-5.7	
Dibromochloromethane	10	10.8	-8.4	
Dibromofluoromethane	10	9.9	1.0	
Dibromomethane	10	10.1	-0.8	
Dichlorodifluoromethane	10	10.5	-4.7	
Ethylbenzene	10	10.4	-4.5	
Hexachlorobutadiene	10	10.5	-5.3	
Isopropylbenzene	10	11	-10.2	
Methyl tert-butyl ether	10	10.6	-6.4	
Methylene chloride	10	9.97	0.3	
n-Butylbenzene	10	11.3	-12.7	
n-Propylbenzene	10	10.8	-8.1	
Naphthalene	10	9.54	4.6	
o-Xylene	10	9.98	0.2	
p-Isopropyltoluene	10	10.7	-7.4	
sec-Butylbenzene	10	10.8	-8.3	
Styrene	10	10.2	-2.5	
tert-Butylbenzene	10	10.4	-3.9	
Tetrachloroethene	10	10	-0.5	
Toluene	10	10.6	-5.6	
Toluene-d8	10	10.1	-1.2	
trans-1,2-Dichloroethene	10	10.7	-7.2	
trans-1,3-Dichloropropene	10	10.4	-4.4	
Trichloroethene	10	10.2	-2.4	
Trichlorofluoromethane	10	10.4	-3.7	
Vinyl chloride	10	10.4	-3.7	
Xylenes (total)	30	30.2	-0.8	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 976

ICV ID: ICV-9869 CCV #1 ID: CCV-9973 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T8978.D
Acq On : 15 Jun 2007 13:04
Sample : CCV-9973
Misc : CCV ,8260Waf_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T608AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:48:49 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	104	0.00
2		Dichlorodifluoromethane	0.446	0.494	-10.8	108	0.01
3	P	Chloromethane	0.434	0.372	14.3	87	0.04
4	CP	Vinyl chloride	0.354	0.290	18.1	82	0.01
5		Bromomethane	0.161	0.163	-1.2	110	0.00
6		Chloroethane	0.185	0.155	16.2	83	0.00
7		Trichlorofluoromethane	0.498	0.655	-31.5#	127	0.00
8		Acetone	0.050	0.046	8.0	101	0.01
9	CPM	1,1-Dichloroethene	0.190	0.206	-8.4	105	0.00
10		Methylene chloride	0.315	0.241	23.5#	91	0.00
11		trans-1,2-Dichloroethene	0.234	0.255	-9.0	105	0.01
12		Methyl tert-Butyl ether	0.605	0.619	-2.3	105	0.01
13	P	1,1-Dichloroethane	0.461	0.434	5.9	92	0.00
14		2-Butanone	0.075	0.064	14.7	87	0.00
		cis-1,2-Dichloroethene	0.262	0.279	-6.5	105	0.01
		Bromochloromethane	0.108	0.142	-31.5#	130	0.00
17	CP	Chloroform	0.538	0.548	-1.9	109	0.00
18		2,2-Dichloropropane	0.417	0.502	-20.4#	115	0.01
19	S	Dibromofluoromethane	0.217	0.262	-20.7#	121	0.00
20	S	1,2-Dichloroethane-d4	0.306	0.336	-9.8	110	0.00
21		1,2-Dichloroethane	0.376	0.409	-8.8	110	0.00
22		1,1,1-Trichloroethane	0.433	0.583	-34.6#	127	0.00
23		1,1-Dichloropropene	0.351	0.359	-2.3	96	0.01
24		Carbon tetrachloride	0.290	0.460	-58.6#	158	0.00
25	M	Benzene	1.058	0.981	7.3	89	0.00
26	M	Trichloroethene	0.281	0.307	-9.3	106	0.00
27		Dibromomethane	0.138	0.151	-9.4	109	0.00
28	CP	1,2-Dichloropropane	0.254	0.218	14.2	84	0.00
29		Bromodichloromethane	0.319	0.374	-17.2	123	0.00
30		4-Methyl-2-pentanone	0.178	0.154	13.5	87	0.00
31		cis-1,3-Dichloropropene	0.396	0.384	3.0	95	0.00
32	S	Toluene-d8	0.952	1.046	-9.9	108	0.00
33	CPM	Toluene	0.731	0.754	-3.1	100	0.00
34		trans-1,3-Dichloropropene	0.351	0.370	-5.4	104	0.00
35		1,1,2-Trichloroethane	0.171	0.157	8.2	98	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
37		1,2-Dibromoethane	0.413	0.466	-12.8	115	0.00
38		1,3-Dichloropropane	0.788	0.741	6.0	95	0.00
		Dibromochloromethane	0.373	0.567	-52.0#	160	0.00
		Tetrachloroethene	0.540	0.740	-37.0#	135	0.00

(#) = Out of Range

T8978.D T608AF31.M Mon Jun 18 08:28:54 2007 MS1 Pa

Dave M Brown 6/18/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T8978.D
Acq On : 15 Jun 2007 13:04
Sample : CCV-9973
Misc : CCV ,8260Waf_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T608AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:48:49 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.768	0.825	-7.4	102	0.00
42		1,1,1,2-Tetrachloroethane	0.429	0.626	-45.9#	149	0.00
43	PM	Chlorobenzene	1.666	1.929	-15.8	116	0.00
44	CP	Ethylbenzene	3.127	3.428	-9.6	106	0.00
45		(m+p)-Xylene	1.093	1.216	-11.3	108	0.00
46		o-Xylene	1.082	1.178	-8.9	108	0.00
47		Styrene	1.791	1.943	-8.5	104	0.00
48	P	Bromoform	0.183	0.291	-59.0#	185	0.00
49	S	Bromofluorobenzene	0.840	0.918	-9.3	111	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	129	0.00
51	P	1,1,2,2-Tetrachloroethane	0.847	0.610	28.0#	97	0.00
52		Isopropylbenzene	4.581	4.243	7.4	112	0.00
53		1,2,3-Trichloropropane	0.770	0.631	18.1	110	0.00
		Bromobenzene	1.021	1.042	-2.1	135	0.00
		n-Propylbenzene	4.961	4.288	13.6	103	0.00
56		2-Chlorotoluene	3.695	3.091	16.3	106	0.00
57		4-Chlorotoluene	3.103	2.540	18.1	103	0.00
58		1,3,5-Trimethylbenzene	3.099	2.884	6.9	113	0.00
59		tert-Butylbenzene	3.009	2.928	2.7	119	0.00
60		1,2,4-Trimethylbenzene	2.729	2.549	6.6	112	0.00
61		sec-Butylbenzene	4.263	3.991	6.4	110	0.00
62		1,3-Dichlorobenzene	1.782	1.789	-0.4	129	0.00
63		p-Isopropyltoluene	3.140	3.169	-0.9	120	0.00
64		1,4-Dichlorobenzene	1.714	1.657	3.3	127	0.00
65		n-Butylbenzene	2.438	2.307	5.4	107	0.00
66		1,2-Dichlorobenzene	1.704	1.664	2.3	127	0.00
67		1,2-Dibromo-3-chloropropane	0.130	0.120	7.7	122	0.00
68		1,2,4-Trichlorobenzene	0.593	0.757	-27.7#	147	0.00
69		Hexachlorobutadiene	0.491	0.593	-20.8#	147	0.00
70		Naphthalene	0.993	1.314	-32.3#	144	0.00
71		1,2,3-Trichlorobenzene	0.562	0.743	-32.2#	151	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T8978.D
Acq On : 15 Jun 2007 13:04
Sample : CCV-9973
Misc : CCV ,8260Waf_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T608AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:48:49 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	104	0.00
2		Dichlorodifluoromethane	10.000	11.095	-11.0	108	0.01
3	P	Chloromethane	10.000	8.565	14.4	87	0.04
4	CP	Vinyl chloride	10.000	8.212	17.9	82	0.01
5		Bromomethane	10.000	10.115	-1.2	110	0.00
6		Chloroethane	10.000	8.393	16.1	83	0.00
7		Trichlorofluoromethane	10.000	13.154	-31.5#	127	0.00
8		Acetone	20.000	18.240	8.8	101	0.01
9	CPM	1,1-Dichloroethene	10.000	10.823	-8.2	105	0.00
10		Methylene chloride	10.000	8.981	10.2	91	0.00
11		trans-1,2-Dichloroethene	10.000	10.860	-8.6	105	0.01
12		Methyl tert-Butyl ether	10.000	10.237	-2.4	105	0.01
13	P	1,1-Dichloroethane	10.000	9.410	5.9	92	0.00
14		2-Butanone	20.000	17.010	14.9	87	0.00
		cis-1,2-Dichloroethene	10.000	10.652	-6.5	105	0.01
[illegible]		Bromochloromethane	10.000	13.108	-31.1#	130	0.00
17	CP	Chloroform	10.000	10.721	-7.2	109	0.00
18		2,2-Dichloropropane	10.000	12.047	-20.5#	115	0.01
19	S	Dibromofluoromethane	10.000	12.076	-20.8#	121	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.978	-9.8	110	0.00
21		1,2-Dichloroethane	10.000	10.869	-8.7	110	0.00
22		1,1,1-Trichloroethane	10.000	13.457	-34.6#	127	0.00
23		1,1-Dichloropropene	10.000	10.233	-2.3	96	0.01
24		Carbon tetrachloride	10.000	13.703	-37.0#	158	0.00
25	M	Benzene	10.000	9.272	7.3	89	0.00
26	M	Trichloroethene	10.000	10.943	-9.4	106	0.00
27		Dibromomethane	10.000	10.913	-9.1	109	0.00
28	CP	1,2-Dichloropropane	10.000	8.567	14.3	84	0.00
29		Bromodichloromethane	10.000	11.727	-17.3	123	0.00
30		4-Methyl-2-pentanone	20.000	17.274	13.6	87	0.00
31		cis-1,3-Dichloropropene	10.000	9.695	3.0	95	0.00
32	S	Toluene-d8	10.000	10.992	-9.9	108	0.00
33	CPM	Toluene	10.000	10.314	-3.1	100	0.00
34		trans-1,3-Dichloropropene	10.000	10.553	-5.5	104	0.00
35		1,1,2-Trichloroethane	10.000	9.179	8.2	98	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	102	0.00
37		1,2-Dibromoethane	10.000	11.279	-12.8	115	0.00
38		1,3-Dichloropropane	10.000	9.403	6.0	95	0.00
[illegible]		Dibromochloromethane	10.000	15.199	-52.0#	160	0.00
[illegible]		Tetrachloroethene	10.000	13.688	-36.9#	135	0.00

(#) = Out of Range

David Baldin
6/18/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T8978.D
Acq On : 15 Jun 2007 13:04
Sample : CCV-9973
Misc : CCV ,8260Waf_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T608AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 15 10:48:49 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.744	-7.4	102	0.00
42		1,1,1,2-Tetrachloroethane	10.000	12.799	-28.0#	149	0.00
43	PM	Chlorobenzene	10.000	11.579	-15.8	116	0.00
44	CP	Ethylbenzene	10.000	10.962	-9.6	106	0.00
45		(m+p)-Xylene	20.000	22.257	-11.3	108	0.00
46		o-Xylene	10.000	10.887	-8.9	108	0.00
47		Styrene	10.000	10.845	-8.5	104	0.00
48	P	Bromoform	10.000	15.936	-59.4#	185	0.00
49	S	Bromofluorobenzene	10.000	10.928	-9.3	111	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	129	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	7.210	27.9#	97	0.00
52		Isopropylbenzene	10.000	9.262	7.4	112	0.00
53		1,2,3-Trichloropropane	10.000	8.194	18.1	110	0.00
		Bromobenzene	10.000	10.206	-2.1	135	0.00
		n-Propylbenzene	10.000	8.643	13.6	103	0.00
56		2-Chlorotoluene	10.000	8.365	16.3	106	0.00
57		4-Chlorotoluene	10.000	8.187	18.1	103	0.00
58		1,3,5-Trimethylbenzene	10.000	9.306	6.9	113	0.00
59		tert-Butylbenzene	10.000	9.730	2.7	119	0.00
60		1,2,4-Trimethylbenzene	10.000	9.339	6.6	112	0.00
61		sec-Butylbenzene	10.000	9.362	6.4	110	0.00
62		1,3-Dichlorobenzene	10.000	10.039	-0.4	129	0.00
63		p-Isopropyltoluene	10.000	10.094	-0.9	120	0.00
64		1,4-Dichlorobenzene	10.000	9.667	3.3	127	0.00
65		n-Butylbenzene	10.000	9.462	5.4	107	0.00
66		1,2-Dichlorobenzene	10.000	9.765	2.3	127	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.220	7.8	122	0.00
68		1,2,4-Trichlorobenzene	10.000	10.888	-8.9	147	0.00
69		Hexachlorobutadiene	10.000	12.072	-20.7#	147	0.00
70		Naphthalene	10.000	10.408	-4.1	144	0.00
71		1,2,3-Trichlorobenzene	10.000	11.184	-11.8	151	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-9995 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3258.D
Acq On : 19 Jun 2007 11:13
Sample : CCV-9995
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 14:18:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	108	0.00
2		Dichlorodifluoromethane	10.000	9.843	1.6	106	0.00
3	P	Chloromethane	10.000	11.075	-10.7	115	0.00
4	CP	Vinyl chloride	10.000	11.649	-16.5	120	0.00
5		Bromomethane	10.000	11.132	-11.3	121	0.00
6		Chloroethane	10.000	10.729	-7.3	113	0.00
7		Trichlorofluoromethane	10.000	12.381	-23.8#	124	0.00
8		Acetone	20.000	24.639	-23.2#	126	0.00
9	CPM	1,1-Dichloroethene	10.000	11.219	-12.2	115	0.00
10		Methylene chloride	10.000	11.012	-10.1	121	0.00
11		trans-1,2-Dichloroethene	10.000	11.081	-10.8	120	0.00
12		Methyl tert-Butyl ether	10.000	11.250	-12.5	135	0.00
13	P	1,1-Dichloroethane	10.000	12.127	-21.3#	122	0.00
14		2-Butanone	20.000	23.780	-18.9	133	0.00
		cis-1,2-Dichloroethene	10.000	11.209	-12.1	116	0.00
		Bromochloromethane	10.000	10.974	-9.7	114	0.00
17	CP	Chloroform	10.000	11.847	-18.5	122	0.00
18		2,2-Dichloropropane	10.000	14.166	-41.7#	182	0.00
19	S	Dibromofluoromethane	10.000	10.981	-9.8	116	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.477	-4.8	121	0.00
21		1,2-Dichloroethane	10.000	12.546	-25.5#	125	0.00
22		1,1,1-Trichloroethane	10.000	11.813	-18.1	143	0.00
23		1,1-Dichloropropene	10.000	10.788	-7.9	120	0.00
24		Carbon tetrachloride	10.000	13.447	-34.5#	179	0.00
25	M	Benzene	10.000	11.773	-17.7	117	0.00
26	M	Trichloroethene	10.000	10.794	-7.9	116	0.00
27		Dibromomethane	10.000	11.690	-16.9	119	0.00
28	CP	1,2-Dichloropropane	10.000	11.610	-16.1	121	0.00
29		Bromodichloromethane	10.000	13.145	-31.4#	137	0.00
30		4-Methyl-2-pentanone	20.000	22.007	-10.0	128	0.00
31		cis-1,3-Dichloropropene	10.000	11.301	-13.0	145	0.00
32	S	Toluene-d8	10.000	10.446	-4.5	116	0.00
33	CPM	Toluene	10.000	10.489	-4.9	117	0.00
34		trans-1,3-Dichloropropene	10.000	12.137	-21.4#	162	0.00
35		1,1,2-Trichloroethane	10.000	11.562	-15.6	119	0.00
36		1,2-Dibromoethane	10.000	10.057	-0.6	119	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	111	0.00
38		1,3-Dichloropropane	10.000	10.982	-9.8	117	0.00
39		Dibromochloromethane	10.000	13.086	-30.9#	156	0.00
		Tetrachloroethene	10.000	10.219	-2.2	113	0.00

(#) = Out of Range

6/19/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3258.D
Acq On : 19 Jun 2007 11:13
Sample : CCV-9995
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 14:18:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.095	-1.0	125	0.00
42		1,1,1,2-Tetrachloroethane	10.000	13.181	-31.8#	154	0.00
43	PM	Chlorobenzene	10.000	10.365	-3.7	116	0.00
44	CP	Ethylbenzene	10.000	11.349	-13.5	119	0.00
45		(m+p)-Xylene	20.000	19.761	1.2	117	0.00
46		o-Xylene	10.000	9.700	3.0	119	0.00
47		Styrene	10.000	9.700	3.0	122	0.00
48	P	Bromoform	10.000	14.355	-43.6#	175	0.00
49	S	Bromofluorobenzene	10.000	9.775	2.2	118	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	109	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.630	-16.3	120	0.00
52		Isopropylbenzene	10.000	10.869	-8.7	119	0.00
53		1,2,3-Trichloropropane	10.000	11.081	-10.8	116	0.00
		Bromobenzene	10.000	11.078	-10.8	115	0.00
		n-Propylbenzene	10.000	11.391	-13.9	122	0.00
56		2-Chlorotoluene	10.000	11.001	-10.0	121	0.00
57		4-Chlorotoluene	10.000	11.009	-10.1	120	0.00
58		1,3,5-Trimethylbenzene	10.000	11.189	-11.9	121	0.00
59		tert-Butylbenzene	10.000	10.683	-6.8	120	0.00
60		1,2,4-Trimethylbenzene	10.000	11.107	-11.1	120	0.00
61		sec-Butylbenzene	10.000	11.242	-12.4	123	0.00
62		1,3-Dichlorobenzene	10.000	11.390	-13.9	117	0.00
63		p-Isopropyltoluene	10.000	10.927	-9.3	123	0.00
64		1,4-Dichlorobenzene	10.000	11.124	-11.2	119	0.00
65		n-Butylbenzene	10.000	11.301	-13.0	125	0.00
66		1,2-Dichlorobenzene	10.000	11.333	-13.3	118	0.00
67		1,2-Dibromo-3-chloropropane	10.000	13.053	-30.5#	168	0.00
68		1,2,4-Trichlorobenzene	10.000	9.792	2.1	117	0.00
69		Hexachlorobutadiene	10.000	11.444	-14.4	123	0.00
70		Naphthalene	10.000	9.342	6.6	107	0.00
71		1,2,3-Trichlorobenzene	10.000	9.563	4.4	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3258.D
Acq On : 19 Jun 2007 11:13
Sample : CCV-9995
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 2
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 14:18:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	108	0.00
2		Dichlorodifluoromethane	0.323	0.318	1.5	106	0.00
3	P	Chloromethane	0.355	0.393	-10.7	115	0.00
4	CP	Vinyl chloride	0.317	0.369	-16.4	120	0.00
5		Bromomethane	0.256	0.285	-11.3	121	0.00
6		Chloroethane	0.228	0.245	-7.5	113	0.00
7		Trichlorofluoromethane	0.450	0.558	-24.0#	124	0.00
8		Acetone	0.034	0.042	-23.5#	126	0.00
9	CPM	1,1-Dichloroethene	0.179	0.201	-12.3	115	0.00
10		Methylene chloride	0.290	0.282	2.8	121	0.00
11		trans-1,2-Dichloroethene	0.217	0.240	-10.6	120	0.00
12		Methyl tert-Butyl ether	0.414	0.525	-26.8#	135	0.00
13	P	1,1-Dichloroethane	0.387	0.469	-21.2#	122	0.00
14		2-Butanone	0.048	0.063	-31.3#	133	0.00
		cis-1,2-Dichloroethene	0.242	0.271	-12.0	116	0.00
		Bromochloromethane	0.105	0.115	-9.5	114	0.00
17	CP	Chloroform	0.380	0.450	-18.4	122	0.00
18		2,2-Dichloropropane	0.233	0.386	-65.7#	182	0.00
19	S	Dibromofluoromethane	0.197	0.217	-10.2	116	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.239	-18.3	121	0.00
21		1,2-Dichloroethane	0.231	0.290	-25.5#	125	0.00
22		1,1,1-Trichloroethane	0.290	0.389	-34.1#	143	0.00
23		1,1-Dichloropropene	0.282	0.350	-24.1#	120	0.00
24		Carbon tetrachloride	0.177	0.284	-60.5#	179	0.00
25	M	Benzene	0.995	1.172	-17.8	117	0.00
26	M	Trichloroethene	0.253	0.273	-7.9	116	0.00
27		Dibromomethane	0.112	0.131	-17.0	119	0.00
28	CP	1,2-Dichloropropane	0.227	0.263	-15.9	121	0.00
29		Bromodichloromethane	0.248	0.326	-31.5#	137	0.00
30		4-Methyl-2-pentanone	0.099	0.132	-33.3#	128	0.00
31		cis-1,3-Dichloropropene	0.278	0.383	-37.8#	145	0.00
32	S	Toluene-d8	0.753	0.881	-17.0	116	0.00
33	CPM	Toluene	0.562	0.676	-20.3#	117	0.00
34		trans-1,3-Dichloropropene	0.209	0.320	-53.1#	162	0.00
35		1,1,2-Trichloroethane	0.144	0.166	-15.3	119	0.00
36		1,2-Dibromoethane	0.147	0.166	-12.9	119	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
38		1,3-Dichloropropane	0.834	0.916	-9.8	117	0.00
39		Dibromochloromethane	0.404	0.543	-34.4#	156	0.00
		Tetrachloroethene	0.609	0.622	-2.1	113	0.00

(#) = Out of Range

6/19/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3258.D Vial: 2
Acq On : 19 Jun 2007 11:13 Operator: ABM
Sample : CCV-9995 Inst : #3MS10
Misc : CCV ,8260WAF_40CAL, Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 19 14:18:05 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.801	-22.9#	125	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.598	-32.9#	154	0.00
43	PM	Chlorobenzene	1.736	1.800	-3.7	116	0.00
44	CP	Ethylbenzene	2.749	3.120	-13.5	119	0.00
45		(m+p)-Xylene	0.909	1.047	-15.2	117	0.00
46		o-Xylene	0.847	0.986	-16.4	119	0.00
47		Styrene	1.339	1.630	-21.7#	122	0.00
48	P	Bromoform	0.188	0.279	-48.4#	175	0.00
49	S	Bromofluorobenzene	0.726	0.690	5.0	118	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	0.967	-16.2	120	0.00
52		Isopropylbenzene	3.255	4.145	-27.3#	119	0.00
53		1,2,3-Trichloropropane	0.682	0.756	-10.9	116	0.00
		Bromobenzene	0.844	0.935	-10.8	115	0.00
		n-Propylbenzene	3.695	4.947	-33.9#	122	0.00
56		2-Chlorotoluene	2.498	3.143	-25.8#	121	0.00
57		4-Chlorotoluene	2.207	2.790	-26.4#	120	0.00
58		1,3,5-Trimethylbenzene	2.402	3.183	-32.5#	121	0.00
59		tert-Butylbenzene	2.006	2.569	-28.1#	120	0.00
60		1,2,4-Trimethylbenzene	2.291	3.014	-31.6#	120	0.00
61		sec-Butylbenzene	3.032	4.050	-33.6#	123	0.00
62		1,3-Dichlorobenzene	1.476	1.682	-14.0	117	0.00
63		p-Isopropyltoluene	2.255	3.003	-33.2#	123	0.00
64		1,4-Dichlorobenzene	1.501	1.669	-11.2	119	0.00
65		n-Butylbenzene	2.024	2.582	-27.6#	125	0.00
66		1,2-Dichlorobenzene	1.388	1.574	-13.4	118	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.127	-60.8#	168	0.00
68		1,2,4-Trichlorobenzene	0.735	0.808	-9.9	117	0.00
69		Hexachlorobutadiene	0.294	0.336	-14.3	123	0.00
70		Naphthalene	1.445	1.581	-9.4	107	0.00
71		1,2,3-Trichlorobenzene	0.689	0.729	-5.8	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1
J3258.D J601AF31.M Tue Jun 19 14:19:03 2007 Pa

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10054 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9073.D
Acq On : 22 Jun 2007 11:42
Sample : CCV-10054
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 08:05:57 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	98	0.00
2		Dichlorodifluoromethane	0.382	0.375	1.8	89	0.00
3	P	Chloromethane	0.257	0.246	4.3	90	0.00
4	CP	Vinyl chloride	0.220	0.225	-2.3	97	0.00
5		Bromomethane	0.187	0.161	13.9	85	0.01
6		Chloroethane	0.128	0.137	-7.0	99	0.00
7		Trichlorofluoromethane	0.581	0.617	-6.2	93	0.00
8		Acetone	0.042	0.041	2.4	92	0.00
9	CPM	1,1-Dichloroethene	0.181	0.199	-9.9	102	0.00
10		Methylene chloride	0.286	0.229	19.9	100	0.00
11		trans-1,2-Dichloroethene	0.230	0.253	-10.0	101	0.00
12		Methyl tert-Butyl ether	0.568	0.579	-1.9	97	0.00
13	P	1,1-Dichloroethane	0.370	0.369	0.3	93	0.00
14		2-Butanone	0.054	0.052	3.7	94	0.00
		cis-1,2-Dichloroethene	0.255	0.279	-9.4	101	0.00
16		Bromochloromethane	0.144	0.157	-9.0	105	0.00
17	CP	Chloroform	0.583	0.514	11.8	97	0.00
18		2,2-Dichloropropane	0.452	0.485	-7.3	97	0.00
19	S	Dibromofluoromethane	0.258	0.278	-7.8	99	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.313	1.6	94	0.00
21		1,2-Dichloroethane	0.379	0.378	0.3	94	0.00
22		1,1,1-Trichloroethane	0.543	0.592	-9.0	97	0.00
23		1,1-Dichloropropene	0.305	0.320	-4.9	96	0.00
24		Carbon tetrachloride	0.466	0.495	-6.2	97	0.00
25	M	Benzene	0.850	0.876	-3.1	96	0.00
26	M	Trichloroethene	0.295	0.305	-3.4	99	0.00
27		Dibromomethane	0.144	0.145	-0.7	94	0.00
28	CP	1,2-Dichloropropane	0.180	0.177	1.7	94	0.00
29		Bromodichloromethane	0.371	0.360	3.0	94	0.00
30		4-Methyl-2-pentanone	0.131	0.126	3.8	89	0.00
31		cis-1,3-Dichloropropene	0.344	0.352	-2.3	98	0.00
32	S	Toluene-d8	0.965	1.064	-10.3	101	0.00
33	CPM	Toluene	0.696	0.754	-8.3	100	0.00
34		trans-1,3-Dichloropropene	0.327	0.334	-2.1	92	0.00
35		1,1,2-Trichloroethane	0.139	0.145	-4.3	97	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
37		1,2-Dibromoethane	0.474	0.507	-7.0	100	0.00
38		1,3-Dichloropropane	0.684	0.712	-4.1	96	0.00
39		Dibromochloromethane	0.645	0.682	-5.7	101	0.00
		Tetrachloroethene	0.828	0.933	-12.7	102	0.00

(#) = Out of Range

David M Bottrell 6/25/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9073.D
Acq On : 22 Jun 2007 11:42
Sample : CCV-10054
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 08:05:57 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.856	-13.8	101	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.761	-10.8	102	0.00
43	PM	Chlorobenzene	2.009	2.253	-12.1	102	0.00
44	CP	Ethylbenzene	3.262	3.632	-11.3	100	0.00
45		(m+p)-Xylene	1.206	1.354	-12.3	102	0.00
46		o-Xylene	1.213	1.349	-11.2	102	0.00
47		Styrene	1.899	2.197	-15.7	100	0.00
48	P	Bromoform	0.353	0.388	-9.9	101	0.00
49	S	Bromofluorobenzene	0.946	0.990	-4.7	100	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.506	5.4	96	0.00
52		Isopropylbenzene	3.690	3.940	-6.8	102	0.00
53		1,2,3-Trichloropropane	0.490	0.463	5.5	95	0.00
		Bromobenzene	1.019	1.070	-5.0	104	0.00
55		n-Propylbenzene	3.403	3.598	-5.7	99	0.00
56		2-Chlorotoluene	2.613	2.665	-2.0	99	0.00
57		4-Chlorotoluene	2.145	2.178	-1.5	99	0.00
58		1,3,5-Trimethylbenzene	2.455	2.587	-5.4	101	0.00
59		tert-Butylbenzene	2.609	2.752	-5.5	103	0.00
60		1,2,4-Trimethylbenzene	2.175	2.300	-5.7	100	0.00
61		sec-Butylbenzene	3.216	3.522	-9.5	101	0.00
62		1,3-Dichlorobenzene	1.649	1.750	-6.1	102	0.00
63		p-Isopropyltoluene	2.678	2.937	-9.7	101	0.00
64		1,4-Dichlorobenzene	1.599	1.642	-2.7	103	0.00
65		n-Butylbenzene	1.705	1.900	-11.4	99	0.00
66		1,2-Dichlorobenzene	1.558	1.657	-6.4	102	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.097	8.5	93	0.00
68		1,2,4-Trichlorobenzene	0.619	0.797	-28.8#	107	0.00
69		Hexachlorobutadiene	0.532	0.603	-13.3	105	0.00
70		Naphthalene	1.015	1.352	-33.2#	104	0.00
71		1,2,3-Trichlorobenzene	0.605	0.788	-30.2#	104	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9073.D
Acq On : 22 Jun 2007 11:42
Sample : CCV-10054
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 08:05:57 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	98	0.00
2		Dichlorodifluoromethane	10.000	9.820	1.8	89	0.00
3	P	Chloromethane	10.000	9.552	4.5	90	0.00
4	CP	Vinyl chloride	10.000	10.247	-2.5	97	0.00
5		Bromomethane	10.000	8.629	13.7	85	0.01
6		Chloroethane	10.000	10.710	-7.1	99	0.00
7		Trichlorofluoromethane	10.000	10.636	-6.4	93	0.00
8		Acetone	20.000	19.254	3.7	92	0.00
9	CPM	1,1-Dichloroethene	10.000	11.009	-10.1	102	0.00
10		Methylene chloride	10.000	10.179	-1.8	100	0.00
11		trans-1,2-Dichloroethene	10.000	10.998	-10.0	101	0.00
12		Methyl tert-Butyl ether	10.000	10.195	-2.0	97	0.00
13	P	1,1-Dichloroethane	10.000	9.972	0.3	93	0.00
14		2-Butanone	20.000	19.242	3.8	94	0.00
		cis-1,2-Dichloroethene	10.000	10.942	-9.4	101	0.00
16		Bromochloromethane	10.000	10.876	-8.8	105	0.00
17	CP	Chloroform	10.000	10.196	-2.0	97	0.00
18		2,2-Dichloropropane	10.000	10.718	-7.2	97	0.00
19	S	Dibromofluoromethane	10.000	10.769	-7.7	99	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.848	1.5	94	0.00
21		1,2-Dichloroethane	10.000	9.976	0.2	94	0.00
22		1,1,1-Trichloroethane	10.000	10.890	-8.9	97	0.00
23		1,1-Dichloropropene	10.000	10.482	-4.8	96	0.00
24		Carbon tetrachloride	10.000	10.618	-6.2	97	0.00
25	M	Benzene	10.000	10.304	-3.0	96	0.00
26	M	Trichloroethene	10.000	10.335	-3.4	99	0.00
27		Dibromomethane	10.000	10.038	-0.4	94	0.00
28	CP	1,2-Dichloropropane	10.000	9.842	1.6	94	0.00
29		Bromodichloromethane	10.000	9.713	2.9	94	0.00
30		4-Methyl-2-pentanone	20.000	19.170	4.1	89	0.00
31		cis-1,3-Dichloropropene	10.000	10.253	-2.5	98	0.00
32	S	Toluene-d8	10.000	11.025	-10.3	101	0.00
33	CPM	Toluene	10.000	10.838	-8.4	100	0.00
34		trans-1,3-Dichloropropene	10.000	10.198	-2.0	92	0.00
35		1,1,2-Trichloroethane	10.000	10.445	-4.5	97	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	96	0.00
37		1,2-Dibromoethane	10.000	10.693	-6.9	100	0.00
38		1,3-Dichloropropane	10.000	10.415	-4.1	96	0.00
39		Dibromochloromethane	10.000	10.574	-5.7	101	0.00
		Tetrachloroethene	10.000	11.274	-12.7	102	0.00

(#) = Out of Range

David M Bertram 6/25/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9073.D
Acq On : 22 Jun 2007 11:42
Sample : CCV-10054
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Fri Jun 22 08:05:57 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.115	-1.2	101	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.072	-10.7	102	0.00
43	PM	Chlorobenzene	10.000	11.212	-12.1	102	0.00
44	CP	Ethylbenzene	10.000	11.135	-11.3	100	0.00
45		(m+p)-Xylene	20.000	22.453	-12.3	102	0.00
46		o-Xylene	10.000	11.119	-11.2	102	0.00
47		Styrene	10.000	10.106	-1.1	100	0.00
48	P	Bromoform	10.000	9.595	4.0	101	0.00
49	S	Bromofluorobenzene	10.000	10.458	-4.6	100	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	103	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	9.447	5.5	96	0.00
52		Isopropylbenzene	10.000	10.680	-6.8	102	0.00
53		1,2,3-Trichloropropane	10.000	9.458	5.4	95	0.00
		Bromobenzene	10.000	10.492	-4.9	104	0.00
55		n-Propylbenzene	10.000	10.576	-5.8	99	0.00
56		2-Chlorotoluene	10.000	10.197	-2.0	99	0.00
57		4-Chlorotoluene	10.000	10.157	-1.6	99	0.00
58		1,3,5-Trimethylbenzene	10.000	10.537	-5.4	101	0.00
59		tert-Butylbenzene	10.000	10.547	-5.5	103	0.00
60		1,2,4-Trimethylbenzene	10.000	10.575	-5.7	100	0.00
61		sec-Butylbenzene	10.000	10.949	-9.5	101	0.00
62		1,3-Dichlorobenzene	10.000	10.615	-6.2	102	0.00
63		p-Isopropyltoluene	10.000	10.967	-9.7	101	0.00
64		1,4-Dichlorobenzene	10.000	10.273	-2.7	103	0.00
65		n-Butylbenzene	10.000	9.894	1.1	99	0.00
66		1,2-Dichlorobenzene	10.000	10.631	-6.3	102	0.00
67		1,2-Dibromo-3-chloropropane	10.000	9.108	8.9	93	0.00
68		1,2,4-Trichlorobenzene	10.000	9.931	0.7	107	0.00
69		Hexachlorobutadiene	10.000	9.913	0.9	105	0.00
70		Naphthalene	10.000	9.990	0.1	104	0.00
71		1,2,3-Trichlorobenzene	10.000	9.995	0.1	104	0.00

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10074 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	109	0.00
2		Dichlorodifluoromethane	10.000	8.920	10.8	90	-0.01
3	P	Chloromethane	10.000	8.279	17.2	87	0.00
4	CP	Vinyl chloride	10.000	9.429	5.7	99	0.00
5		Bromomethane	10.000	7.897	21.0#	86	0.00
6		Chloroethane	10.000	9.781	2.2	100	0.00
7		Trichlorofluoromethane	10.000	9.601	4.0	93	0.00
8		Acetone	20.000	17.000	15.0	90	0.00
9	CPM	1,1-Dichloroethene	10.000	11.173	-11.7	115	0.00
10		Methylene chloride	10.000	10.160	-1.6	110	0.00
11		trans-1,2-Dichloroethene	10.000	11.054	-10.5	113	-0.01
12		Methyl tert-Butyl ether	10.000	9.983	0.2	106	-0.01
13	P	1,1-Dichloroethane	10.000	9.633	3.7	100	0.00
14		2-Butanone	20.000	16.780	16.1	91	0.00
15		cis-1,2-Dichloroethene	10.000	10.854	-8.5	111	0.00
16		Bromochloromethane	10.000	11.022	-10.2	118	0.00
17	CP	Chloroform	10.000	9.859	1.4	105	0.00
18		2,2-Dichloropropane	10.000	10.328	-3.3	104	0.00
19	S	Dibromofluoromethane	10.000	10.642	-6.4	109	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.050	9.5	96	0.00
21		1,2-Dichloroethane	10.000	9.355	6.4	97	0.00
22		1,1,1-Trichloroethane	10.000	10.274	-2.7	101	0.00
23		1,1-Dichloropropene	10.000	10.176	-1.8	103	-0.01
24		Carbon tetrachloride	10.000	10.362	-3.6	105	0.00
25	M	Benzene	10.000	9.973	0.3	103	0.00
26	M	Trichloroethene	10.000	10.220	-2.2	108	0.00
27		Dibromomethane	10.000	9.890	1.1	103	0.00
28	CP	1,2-Dichloropropane	10.000	9.414	5.9	100	0.00
29		Bromodichloromethane	10.000	9.409	5.9	101	0.00
30		4-Methyl-2-pentanone	20.000	17.131	14.3	88	-0.01
31		cis-1,3-Dichloropropene	10.000	9.992	0.1	106	-0.01
32	S	Toluene-d8	10.000	11.023	-10.2	112	0.00
33	CPM	Toluene	10.000	10.740	-7.4	110	0.00
34		trans-1,3-Dichloropropene	10.000	10.062	-0.6	101	0.00
35		1,1,2-Trichloroethane	10.000	10.163	-1.6	105	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	101	0.00
37		1,2-Dibromoethane	10.000	11.377	-13.8	112	0.00
38		1,3-Dichloropropane	10.000	10.386	-3.9	101	0.00
39		Dibromochloromethane	10.000	11.283	-12.8	114	0.00
40		Tetrachloroethene	10.000	12.296	-23.0#	117	0.00

(#) = Out of Range
T9138.D T621AF31.M Tue Jun 26 08:22:43 2007 MS1 P

David M Bottini 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.736	-7.4	114	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.800	-18.0	114	0.00
43	PM	Chlorobenzene	10.000	11.922	-19.2	115	0.00
44	CP	Ethylbenzene	10.000	11.328	-13.3	107	0.00
45		(m+p)-Xylene	20.000	23.885	-19.4	115	0.00
46		o-Xylene	10.000	11.695	-17.0	114	0.00
47		Styrene	10.000	10.611	-6.1	111	0.00
48	P	Bromoform	10.000	10.787	-7.9	120	0.00
49	S	Bromofluorobenzene	10.000	10.626	-6.3	107	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	116	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	8.848	11.5	100	0.00
52		Isopropylbenzene	10.000	10.393	-3.9	112	0.00
53		1,2,3-Trichloropropane	10.000	8.855	11.4	100	0.00
54		Bromobenzene	10.000	10.623	-6.2	118	0.00
55		n-Propylbenzene	10.000	10.032	-0.3	106	0.00
56		2-Chlorotoluene	10.000	9.630	3.7	105	0.00
57		4-Chlorotoluene	10.000	9.720	2.8	106	0.00
58		1,3,5-Trimethylbenzene	10.000	10.152	-1.5	109	0.00
59		tert-Butylbenzene	10.000	10.289	-2.9	112	-0.01
60		1,2,4-Trimethylbenzene	10.000	10.206	-2.1	108	0.00
61		sec-Butylbenzene	10.000	10.691	-6.9	110	0.00
62		1,3-Dichlorobenzene	10.000	10.766	-7.7	116	0.00
63		p-Isopropyltoluene	10.000	10.660	-6.6	110	0.00
64		1,4-Dichlorobenzene	10.000	10.309	-3.1	116	0.00
65		n-Butylbenzene	10.000	9.292	7.1	104	0.00
66		1,2-Dichlorobenzene	10.000	10.667	-6.7	115	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.842	11.6	101	0.00
68		1,2,4-Trichlorobenzene	10.000	10.146	-1.5	123	-0.01
69		Hexachlorobutadiene	10.000	9.908	0.9	117	0.00
70		Naphthalene	10.000	10.515	-5.2	123	0.00
71		1,2,3-Trichlorobenzene	10.000	10.432	-4.3	122	-0.01

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF 40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	109	0.00
2		Dichlorodifluoromethane	0.382	0.340	11.0	90	-0.01
3	P	Chloromethane	0.257	0.213	17.1	87	0.00
4	CP	Vinyl chloride	0.220	0.207	5.9	99	0.00
5		Bromomethane	0.187	0.147	21.4#	86	0.00
6		Chloroethane	0.128	0.125	2.3	100	0.00
7		Trichlorofluoromethane	0.581	0.557	4.1	93	0.00
8		Acetone	0.042	0.036	14.3	90	0.00
9	CPM	1,1-Dichloroethene	0.181	0.202	-11.6	115	0.00
10		Methylene chloride	0.286	0.228	20.3#	110	0.00
11		trans-1,2-Dichloroethene	0.230	0.255	-10.9	113	-0.01
12		Methyl tert-Butyl ether	0.568	0.567	0.2	106	-0.01
13	P	1,1-Dichloroethane	0.370	0.356	3.8	100	0.00
14		2-Butanone	0.054	0.045	16.7	91	0.00
15		cis-1,2-Dichloroethene	0.255	0.277	-8.6	111	0.00
16		Bromochloromethane	0.144	0.159	-10.4	118	0.00
17	CP	Chloroform	0.583	0.498	14.6	105	0.00
18		2,2-Dichloropropane	0.452	0.467	-3.3	104	0.00
19	S	Dibromofluoromethane	0.258	0.275	-6.6	109	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.288	9.4	96	0.00
21		1,2-Dichloroethane	0.379	0.355	6.3	97	0.00
22		1,1,1-Trichloroethane	0.543	0.558	-2.8	101	0.00
23		1,1-Dichloropropene	0.305	0.310	-1.6	103	-0.01
24		Carbon tetrachloride	0.466	0.483	-3.6	105	0.00
25	M	Benzene	0.850	0.848	0.2	103	0.00
26	M	Trichloroethene	0.295	0.302	-2.4	108	0.00
27		Dibromomethane	0.144	0.143	0.7	103	0.00
28	CP	1,2-Dichloropropane	0.180	0.169	6.1	100	0.00
29		Bromodichloromethane	0.371	0.349	5.9	101	0.00
30		4-Methyl-2-pentanone	0.131	0.113	13.7	88	-0.01
31		cis-1,3-Dichloropropene	0.344	0.343	0.3	106	-0.01
32	S	Toluene-d8	0.965	1.064	-10.3	112	0.00
33	CPM	Toluene	0.696	0.747	-7.3	110	0.00
34		trans-1,3-Dichloropropene	0.327	0.329	-0.6	101	0.00
35		1,1,2-Trichloroethane	0.139	0.141	-1.4	105	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
37		1,2-Dibromoethane	0.474	0.539	-13.7	112	0.00
38		1,3-Dichloropropane	0.684	0.710	-3.8	101	0.00
39		Dibromochloromethane	0.645	0.728	-12.9	114	0.00
40		Tetrachloroethene	0.828	1.018	-22.9#	117	0.00

(#) = Out of Range

Daniel M. Stern 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.911	-21.1#	114	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.811	-18.0	114	0.00
43	PM	Chlorobenzene	2.009	2.395	-19.2	115	0.00
44	CP	Ethylbenzene	3.262	3.695	-13.3	107	0.00
45		(m+p)-Xylene	1.206	1.440	-19.4	115	0.00
46		o-Xylene	1.213	1.419	-17.0	114	0.00
47		Styrene	1.899	2.311	-21.7#	111	0.00
48	P	Bromoform	0.353	0.440	-24.6#	120	0.00
49	S	Bromofluorobenzene	0.946	1.006	-6.3	107	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.474	11.4	100	0.00
52		Isopropylbenzene	3.690	3.835	-3.9	112	0.00
53		1,2,3-Trichloropropane	0.490	0.434	11.4	100	0.00
54		Bromobenzene	1.019	1.083	-6.3	118	0.00
55		n-Propylbenzene	3.403	3.413	-0.3	106	0.00
56		2-Chlorotoluene	2.613	2.517	3.7	105	0.00
57		4-Chlorotoluene	2.145	2.085	2.8	106	0.00
58		1,3,5-Trimethylbenzene	2.455	2.492	-1.5	109	0.00
59		tert-Butylbenzene	2.609	2.685	-2.9	112	-0.01
60		1,2,4-Trimethylbenzene	2.175	2.220	-2.1	108	0.00
61		sec-Butylbenzene	3.216	3.438	-6.9	110	0.00
62		1,3-Dichlorobenzene	1.649	1.775	-7.6	116	0.00
63		p-Isopropyltoluene	2.678	2.855	-6.6	110	0.00
64		1,4-Dichlorobenzene	1.599	1.648	-3.1	116	0.00
65		n-Butylbenzene	1.705	1.786	-4.8	104	0.00
66		1,2-Dichlorobenzene	1.558	1.662	-6.7	115	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.094	11.3	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.815	-31.7#	123	-0.01
69		Hexachlorobutadiene	0.532	0.603	-13.3	117	0.00
70		Naphthalene	1.015	1.425	-40.4#	123	0.00
71		1,2,3-Trichlorobenzene	0.605	0.824	-36.2#	122	-0.01

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9973
Initial Calibration ID:	976	**File ID:**	T8982.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9973
Initial Calibration ID:	976	**File ID:**	T8982.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	72 - 119	
4-Bromofluorobenzene	97	76 - 119	
Dibromofluoromethane	115	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9973
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9973
Initial Calibration ID:	976	**File ID:**	T8982.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	563842	285814 - 1143254	
Chlorobenzene-d5	866902	442492 - 1769968	
Fluorobenzene	1976536	937604 - 3750418	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9995
Initial Calibration ID:	973	**File ID:**	J3261.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-9995
Initial Calibration ID:	973	**File ID:**	J3261.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	110	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	109	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R9995
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	ug/L	**Method Blank ID:**	MB-9995
Initial Calibration ID:	973	**File ID:**	J3261.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	617178	349954 - 1399814	
Chlorobenzene-d5	1127083	532652 - 2130606	
Fluorobenzene	3281582	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10054
Initial Calibration ID:	986	**File ID:**	T9080.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10054
Initial Calibration ID:	986	**File ID:**	T9080.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	103	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10054
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10054
Initial Calibration ID:	986	**File ID:**	T9080.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	611568	353482 - 1413926	
Chlorobenzene-d5	773202	383378 - 1533514	
Fluorobenzene	1863738	866434 - 3465734	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

MB-10054

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060820

Matrix: (soil/water) WATER Lab Sample ID: MB-10054

Sample wt/vol: 10 (g/mL) ML Lab File ID: T9080.D

Level: LOW Date Received:

% Moisture: not dec. Date Analyzed: 6/22/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Tentatively Identified Compound (LSC) summary

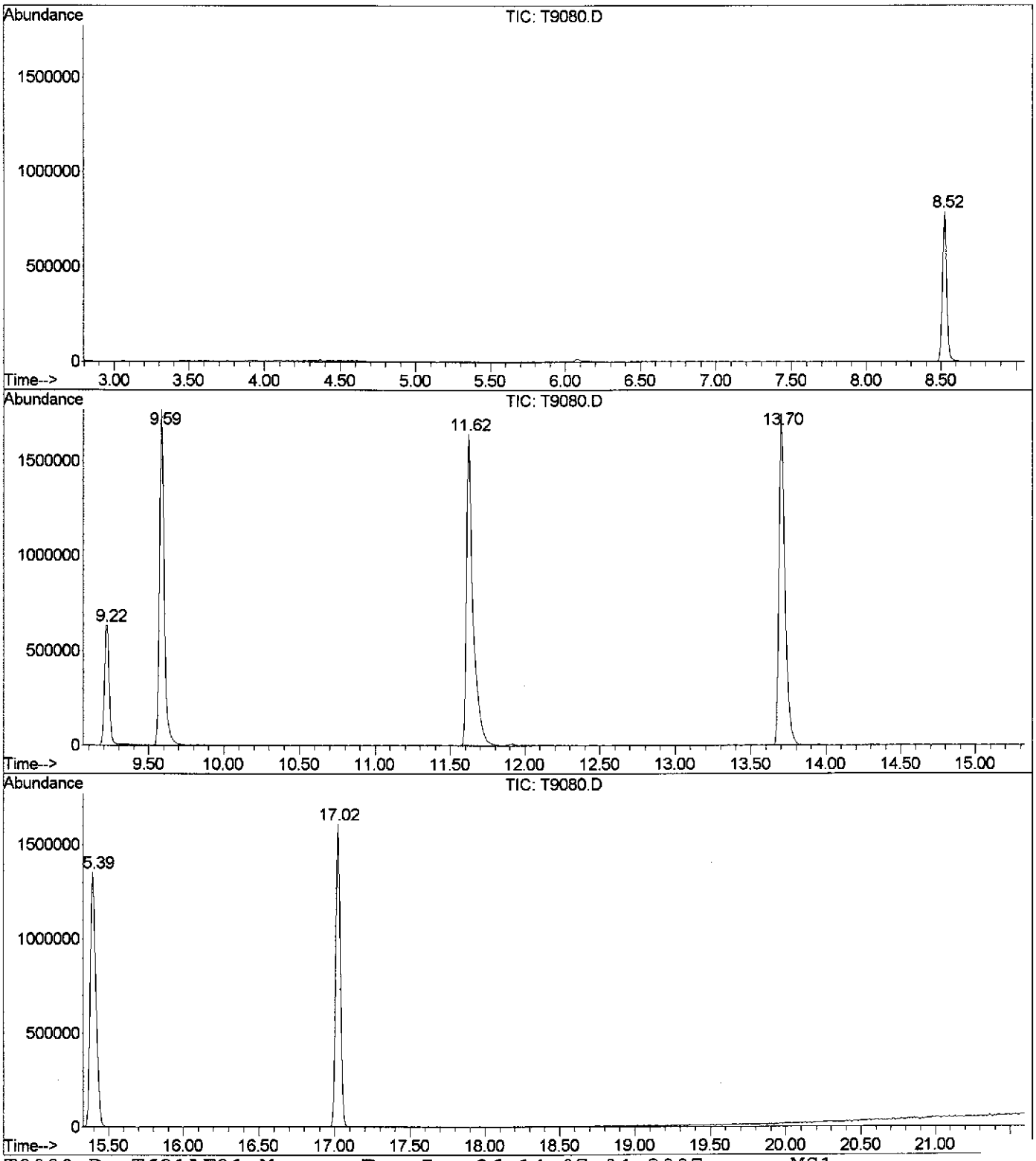
Operator ID: DMB Date Acquired: 22 Jun 2007 15:34
Data File: C:\HPCHEM\1\DATA\T9080.D
Name: MB-10054
Misc: MBLK,8260WAF_40CAL,
Method: C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title: VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

T9080.D T621AF31.M Tue Jun 26 14:07:04 2007 MS1

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\T9080.D
Operator : DMB
Acquired : 22 Jun 2007 15:34 using AcqMethod T621VOCW
Instrument : #1MS11
Sample Name: MB-10054
Misc Info : MBLK,8260WAF_40CAL,
Vial Number: 23
Quant File :T621AF31.RES (RTE Integrator)



T9080.D T621AF31.M Tue Jun 26 14:07:04 2007 MS1

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10074
Initial Calibration ID:	986	**File ID:**	T9143.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10074
Initial Calibration ID:	986	**File ID:**	T9143.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	89	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	102	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	ug/L	**Method Blank ID:**	MB-10074
Initial Calibration ID:	986	**File ID:**	T9143.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	700566	353482 - 1413926	
Chlorobenzene-d5	837849	383378 - 1533514	
Fluorobenzene	2072012	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9973 **Initial Calibration ID:** 976

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T8979.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	21.1	106	76 - 128	
1,1,1,2-Tetrachloroethane	10	12.5	125	81 - 129	
1,1,1-Trichloroethane	10	13.4	134	67 - 132	*
1,1,2,2-Tetrachloroethane	10	8.12	81	63 - 128	
1,1,2-Trichloroethane	10	9.25	92	75 - 125	
1,1-Dichloroethane	10	9.51	95	69 - 133	
1,1-Dichloroethene	10	10.8	108	68 - 130	
1,1-Dichloropropene	10	10.2	102	73 - 132	
1,2,3-Trichlorobenzene	10	11.3	113	67 - 137	
1,2,3-Trichloropropane	10	8.24	82	73 - 124	
1,2,4-Trichlorobenzene	10	10.8	108	66 - 134	
1,2,4-Trimethylbenzene	10	9.73	97	74 - 132	
1,2-Dibromo-3-chloropropane	10	10.1	101	50 - 132	
1,2-Dibromoethane	10	11.2	112	80 - 121	
1,2-Dichlorobenzene	10	9.82	98	71 - 122	
1,2-Dichloroethane	10	11.0	110	69 - 132	
1,2-Dichloropropane	10	8.56	86	75 - 125	
1,3,5-Trimethylbenzene	10	9.53	95	74 - 131	
1,3-Dichlorobenzene	10	9.97	100	75 - 124	
1,3-Dichloropropane	10	9.31	93	73 - 126	
1,4-Dichlorobenzene	10	9.71	97	74 - 123	
1-Chlorohexane	10	10.7	107	70 - 125	
2,2-Dichloropropane	10	11.8	118	69 - 137	
2-Butanone	20	19.7	98	49 - 136	
2-Chlorotoluene	10	8.80	88	73 - 126	
4-Chlorotoluene	10	8.63	86	74 - 128	
4-Methyl-2-pentanone	20	19.0	95	58 - 134	
Acetone	20	23.7	119	40 - 135	
Benzene	10	9.43	94	81 - 122	
Bromobenzene	10	10.5	105	76 - 124	
Bromochloromethane	10	12.6	126	65 - 129	
Bromodichloromethane	10	11.6	116	76 - 121	
Bromoform	10	15.5	155	69 - 128	*
Bromomethane	10	11.6	116	30 - 141	
Carbon tetrachloride	10	13.7	137	66 - 138	
Chlorobenzene	10	11.3	113	81 - 122	
Chloroethane	10	9.18	92	58 - 133	
Chloroform	10	10.6	106	69 - 128	
Chloromethane	10	8.52	85	56 - 131	
cis-1,2-Dichloroethene	10	10.4	104	72 - 126	
cis-1,3-Dichloropropene	10	9.84	98	69 - 131	
Dibromochloromethane	10	14.8	148	66 - 133	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9973 **Initial Calibration ID:** 976

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T8979.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.7	107	76 - 125	
Dichlorodifluoromethane	10	11.6	116	30 - 153	
Ethylbenzene	10	10.8	108	73 - 127	
Hexachlorobutadiene	10	12.0	120	67 - 131	
Isopropylbenzene	10	9.84	98	75 - 127	
Methyl tert-butyl ether	10	10.7	107	65 - 123	
Methylene chloride	10	9.39	94	63 - 137	
n-Butylbenzene	10	9.74	97	69 - 137	
n-Propylbenzene	10	9.08	91	72 - 129	
Naphthalene	10	11.0	110	54 - 138	
o-Xylene	10	10.6	106	80 - 121	
p-Isopropyltoluene	10	10.2	102	73 - 130	
sec-Butylbenzene	10	9.61	96	72 - 127	
Styrene	10	10.5	105	65 - 134	
tert-Butylbenzene	10	9.90	99	70 - 129	
Tetrachloroethene	10	13.1	131	66 - 128	*
Toluene	10	10.4	104	77 - 122	
trans-1,2-Dichloroethene	10	10.8	108	63 - 137	
trans-1,3-Dichloropropene	10	10.5	105	59 - 135	
Trichloroethene	10	11.0	110	70 - 127	
Trichlorofluoromethane	10	13.0	130	57 - 129	*
Vinyl chloride	10	8.86	89	50 - 134	
Xylenes (total)	30	31.7	106	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	72 - 119	
4-Bromofluorobenzene	99	76 - 119	
Dibromofluoromethane	116	85 - 115	*
Toluene-d8	104	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	642000	285814 - 1143254	
Chlorobenzene-d5	865897	442492 - 1769968	
Fluorobenzene	1862968	937604 - 3750418	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-9973 **Initial Calibration ID:** 976

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T8980.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	21.5	107	76 - 128	
1,1,1,2-Tetrachloroethane	10	12.4	124	81 - 129	
1,1,1-Trichloroethane	10	13.1	131	67 - 132	
1,1,2,2-Tetrachloroethane	10	7.59	76	63 - 128	
1,1,2-Trichloroethane	10	9.32	93	75 - 125	
1,1-Dichloroethane	10	9.33	93	69 - 133	
1,1-Dichloroethene	10	10.9	109	68 - 130	
1,1-Dichloropropene	10	10.2	102	73 - 132	
1,2,3-Trichlorobenzene	10	10.9	109	67 - 137	
1,2,3-Trichloropropane	10	8.56	86	73 - 124	
1,2,4-Trichlorobenzene	10	10.3	103	66 - 134	
1,2,4-Trimethylbenzene	10	9.44	94	74 - 132	
1,2-Dibromo-3-chloropropane	10	9.06	91	50 - 132	
1,2-Dibromoethane	10	11.0	110	80 - 121	
1,2-Dichlorobenzene	10	9.64	96	71 - 122	
1,2-Dichloroethane	10	10.8	108	69 - 132	
1,2-Dichloropropane	10	8.44	84	75 - 125	
1,3,5-Trimethylbenzene	10	9.35	94	74 - 131	
1,3-Dichlorobenzene	10	9.88	99	75 - 124	
1,3-Dichloropropane	10	9.19	92	73 - 126	
1,4-Dichlorobenzene	10	9.64	96	74 - 123	
1-Chlorohexane	10	10.8	108	70 - 125	
2,2-Dichloropropane	10	11.4	114	69 - 137	
2-Butanone	20	18.7	94	49 - 136	
2-Chlorotoluene	10	8.60	86	73 - 126	
4-Chlorotoluene	10	8.41	84	74 - 128	
4-Methyl-2-pentanone	20	18.5	92	58 - 134	
Acetone	20	22.5	113	40 - 135	
Benzene	10	9.17	92	81 - 122	
Bromobenzene	10	10.1	101	76 - 124	
Bromochloromethane	10	12.4	124	65 - 129	
Bromodichloromethane	10	11.6	116	76 - 121	
Bromoform	10	15.8	158	69 - 128	*
Bromomethane	10	12.1	121	30 - 141	
Carbon tetrachloride	10	13.5	135	66 - 138	
Chlorobenzene	10	11.3	113	81 - 122	
Chloroethane	10	9.12	91	58 - 133	
Chloroform	10	10.3	103	69 - 128	
Chloromethane	10	8.58	86	56 - 131	
cis-1,2-Dichloroethene	10	10.4	104	72 - 126	
cis-1,3-Dichloropropene	10	9.60	96	69 - 131	
Dibromochloromethane	10	14.8	148	66 - 133	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-9973 **Initial Calibration ID:** 976

Concentration Units (mg/L or mg/kg): ug/L **File ID:** T8980.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.7	107	76 - 125	
Dichlorodifluoromethane	10	11.8	118	30 - 153	
Ethylbenzene	10	10.8	108	73 - 127	
Hexachlorobutadiene	10	11.6	116	67 - 131	
Isopropylbenzene	10	9.61	96	75 - 127	
Methyl tert-butyl ether	10	10.4	104	65 - 123	
Methylene chloride	10	8.92	89	63 - 137	
n-Butylbenzene	10	9.42	94	69 - 137	
n-Propylbenzene	10	8.85	88	72 - 129	
Naphthalene	10	10.7	107	54 - 138	
o-Xylene	10	10.6	106	80 - 121	
p-Isopropyltoluene	10	10.1	101	73 - 130	
sec-Butylbenzene	10	9.46	95	72 - 127	
Styrene	10	10.8	108	65 - 134	
tert-Butylbenzene	10	9.57	96	70 - 129	
Tetrachloroethene	10	13.3	133	66 - 128	*
Toluene	10	10.1	101	77 - 122	
trans-1,2-Dichloroethene	10	10.7	107	63 - 137	
trans-1,3-Dichloropropene	10	10.3	103	59 - 135	
Trichloroethene	10	11.1	111	70 - 127	
Trichlorofluoromethane	10	13.0	130	57 - 129	*
Vinyl chloride	10	8.79	88	50 - 134	
Xylenes (total)	30	32.1	107	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	72 - 119	
4-Bromofluorobenzene	102	76 - 119	
Dibromofluoromethane	115	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	666153	285814 - 1143254	
Chlorobenzene-d5	868132	442492 - 1769968	
Fluorobenzene	1899259	937604 - 3750418	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9995

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9995 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): ug/L **File ID:** J3259.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.2	91	76 - 128	
1,1,1,2-Tetrachloroethane	10	12.2	122	81 - 129	
1,1,1-Trichloroethane	10	10.8	108	67 - 132	
1,1,2-Trichloroethane	10	10.9	109	75 - 125	
1,1-Dichloroethane	10	10.8	108	69 - 133	
1,1-Dichloroethene	10	10.4	104	68 - 130	
1,1-Dichloropropene	10	9.81	98	73 - 132	
1,2,3-Trichlorobenzene	10	9.17	92	67 - 137	
1,2,3-Trichloropropane	10	10.9	109	73 - 124	
1,2,4-Trichlorobenzene	10	9.24	92	66 - 134	
1,2,4-Trimethylbenzene	10	10.1	101	74 - 132	
1,2-Dibromo-3-chloropropane	10	12.3	123	50 - 132	
1,2-Dibromoethane	10	9.69	97	80 - 121	
1,2-Dichlorobenzene	10	11.0	110	71 - 122	
1,2-Dichloroethane	10	11.3	113	69 - 132	
1,2-Dichloropropane	10	10.8	108	75 - 125	
1,3,5-Trimethylbenzene	10	10.3	103	74 - 131	
1,3-Dichlorobenzene	10	10.8	108	75 - 124	
1,3-Dichloropropane	10	10.4	104	73 - 126	
1,4-Dichlorobenzene	10	10.6	106	74 - 123	
1-Chlorohexane	10	9.43	94	70 - 125	
2,2-Dichloropropane	10	12.6	126	69 - 137	
2-Butanone	20	23.8	119	49 - 136	
2-Chlorotoluene	10	10.3	103	73 - 126	
4-Chlorotoluene	10	10.4	104	74 - 128	
4-Methyl-2-pentanone	20	22.0	110	58 - 134	
Acetone	20	26.3	132	40 - 135	
Benzene	10	10.9	109	81 - 122	
Bromobenzene	10	10.7	107	76 - 124	
Bromochloromethane	10	10.2	102	65 - 129	
Bromodichloromethane	10	11.8	118	76 - 121	
Bromoform	10	13.3	133	69 - 128	*
Bromomethane	10	9.53	95	30 - 141	
Carbon tetrachloride	10	12.0	120	66 - 138	
Chlorobenzene	10	9.65	97	81 - 122	
Chloroethane	10	9.78	98	58 - 133	
Chloroform	10	10.8	108	69 - 128	
Chloromethane	10	9.92	99	56 - 131	
cis-1,2-Dichloroethene	10	10.4	104	72 - 126	
cis-1,3-Dichloropropene	10	10.8	108	69 - 131	
Dibromochloromethane	10	12.1	121	66 - 133	
Dibromomethane	10	10.7	107	76 - 125	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R9995

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-9995 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3259.D

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	10	8.94	89	30 - 153	
Ethylbenzene	10	10.5	105	73 - 127	
Hexachlorobutadiene	10	9.97	100	67 - 131	
Isopropylbenzene	10	10.2	102	75 - 127	
Methyl tert-butyl ether	10	10.7	107	65 - 123	
Methylene chloride	10	9.90	99	63 - 137	
n-Butylbenzene	10	10.2	102	69 - 137	
n-Propylbenzene	10	10.5	105	72 - 129	
Naphthalene	10	9.56	96	54 - 138	
o-Xylene	10	9.17	92	80 - 121	
p-Isopropyltoluene	10	9.87	99	73 - 130	
sec-Butylbenzene	10	10.2	102	72 - 127	
Styrene	10	9.27	93	65 - 134	
tert-Butylbenzene	10	9.83	98	70 - 129	
Tetrachloroethene	10	9.51	95	66 - 128	
Toluene	10	9.70	97	77 - 122	
trans-1,2-Dichloroethene	10	9.93	99	63 - 137	
trans-1,3-Dichloropropene	10	11.2	112	59 - 135	
Trichloroethene	10	9.96	100	70 - 127	
Trichlorofluoromethane	10	10.5	105	57 - 129	
Vinyl chloride	10	10.5	105	50 - 134	
Xylenes (total)	30	27.4	91	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	72 - 119	
4-Bromofluorobenzene	96	76 - 119	
Dibromofluoromethane	107	85 - 115	
Toluene-d8	104	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	842026	349954 - 1399814	
Chlorobenzene-d5	1329504	532652 - 2130606	
Fluorobenzene	3620950	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10054

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10054 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9074.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	21.5	108	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.7	107	81 - 129	
1,1,1-Trichloroethane	10	10.6	106	67 - 132	
1,1,2,2-Tetrachloroethane	10	9.43	94	63 - 128	
1,1,2-Trichloroethane	10	9.99	100	75 - 125	
1,1-Dichloroethane	10	9.73	97	69 - 133	
1,1-Dichloroethene	10	10.8	108	68 - 130	
1,1-Dichloropropene	10	10.4	104	73 - 132	
1,2,3-Trichlorobenzene	10	10.1	101	67 - 137	
1,2,3-Trichloropropane	10	9.41	94	73 - 124	
1,2,4-Trichlorobenzene	10	9.85	98	66 - 134	
1,2,4-Trimethylbenzene	10	10.2	103	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.85	88	50 - 132	
1,2-Dibromoethane	10	10.5	105	80 - 121	
1,2-Dichlorobenzene	10	10.3	103	71 - 122	
1,2-Dichloroethane	10	9.60	96	69 - 132	
1,2-Dichloropropane	10	9.75	98	75 - 125	
1,3,5-Trimethylbenzene	10	10.3	103	74 - 131	
1,3-Dichlorobenzene	10	10.6	106	75 - 124	
1,3-Dichloropropane	10	9.88	99	73 - 126	
1,4-Dichlorobenzene	10	10.1	101	74 - 123	
1-Chlorohexane	10	10.2	102	70 - 125	
2,2-Dichloropropane	10	10.3	103	69 - 137	
2-Butanone	20	19.6	98	49 - 136	
2-Chlorotoluene	10	10.0	100	73 - 126	
4-Chlorotoluene	10	9.95	100	74 - 128	
4-Methyl-2-pentanone	20	18.8	94	58 - 134	
Acetone	20	21.0	105	40 - 135	
Benzene	10	10.1	101	81 - 122	
Bromobenzene	10	10.4	104	76 - 124	
Bromochloromethane	10	10.5	105	65 - 129	
Bromodichloromethane	10	9.60	96	76 - 121	
Bromoform	10	9.18	92	69 - 128	
Bromomethane	10	10.1	101	30 - 141	
Carbon tetrachloride	10	10.4	104	66 - 138	
Chlorobenzene	10	10.8	108	81 - 122	
Chloroethane	10	10.8	108	58 - 133	
Chloroform	10	9.91	99	69 - 128	
Chloromethane	10	10.3	103	56 - 131	
cis-1,2-Dichloroethene	10	10.6	106	72 - 126	
cis-1,3-Dichloropropene	10	9.91	99	69 - 131	
Dibromochloromethane	10	10.3	103	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10054

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10054 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9074.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.76	98	76 - 125	
Dichlorodifluoromethane	10	12.3	123	30 - 153	
Ethylbenzene	10	10.8	108	73 - 127	
Hexachlorobutadiene	10	9.68	97	67 - 131	
Isopropylbenzene	10	10.4	104	75 - 127	
Methyl tert-butyl ether	10	10.1	101	65 - 123	
Methylene chloride	10	9.97	100	63 - 137	
n-Butylbenzene	10	9.62	96	69 - 137	
n-Propylbenzene	10	10.4	104	72 - 129	
Naphthalene	10	10.1	101	54 - 138	
o-Xylene	10	10.6	106	80 - 121	
p-Isopropyltoluene	10	10.7	107	73 - 130	
sec-Butylbenzene	10	10.7	107	72 - 127	
Styrene	10	9.75	98	65 - 134	
tert-Butylbenzene	10	10.2	102	70 - 129	
Tetrachloroethene	10	11.4	114	66 - 128	
Toluene	10	10.6	106	77 - 122	
trans-1,2-Dichloroethene	10	10.7	107	63 - 137	
trans-1,3-Dichloropropene	10	10.1	101	59 - 135	
Trichloroethene	10	10.2	102	70 - 127	
Trichlorofluoromethane	10	10.6	106	57 - 129	
Vinyl chloride	10	11.0	110	50 - 134	
Xylenes (total)	30	32.1	107	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	95	72 - 119	
4-Bromofluorobenzene	100	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	776779	353482 - 1413926	
Chlorobenzene-d5	809702	383378 - 1533514	
Fluorobenzene	1872187	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10074 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9139.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	22.3	112	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.9	109	81 - 129	
1,1,1-Trichloroethane	10	9.71	97	67 - 132	
1,1,2,2-Tetrachloroethane	10	8.41	84	63 - 128	
1,1,2-Trichloroethane	10	9.61	96	75 - 125	
1,1-Dichloroethane	10	8.85	88	69 - 133	
1,1-Dichloroethene	10	10.8	108	68 - 130	
1,1-Dichloropropene	10	9.64	96	73 - 132	
1,2,3-Trichlorobenzene	10	9.73	97	67 - 137	
1,2,3-Trichloropropane	10	8.22	82	73 - 124	
1,2,4-Trichlorobenzene	10	9.56	96	66 - 134	
1,2,4-Trimethylbenzene	10	9.48	95	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.24	82	50 - 132	
1,2-Dibromoethane	10	10.8	108	80 - 121	
1,2-Dichlorobenzene	10	10.1	101	71 - 122	
1,2-Dichloroethane	10	8.58	86	69 - 132	
1,2-Dichloropropane	10	8.93	89	75 - 125	
1,3,5-Trimethylbenzene	10	9.54	95	74 - 131	
1,3-Dichlorobenzene	10	10.2	102	75 - 124	
1,3-Dichloropropane	10	9.78	98	73 - 126	
1,4-Dichlorobenzene	10	9.74	97	74 - 123	
1-Chlorohexane	10	10.3	103	70 - 125	
2,2-Dichloropropane	10	9.24	92	69 - 137	
2-Butanone	20	17.5	87	49 - 136	
2-Chlorotoluene	10	9.08	91	73 - 126	
4-Chlorotoluene	10	9.19	92	74 - 128	
4-Methyl-2-pentanone	20	16.6	83	58 - 134	
Acetone	20	19.1	95	40 - 135	
Benzene	10	9.43	94	81 - 122	
Bromobenzene	10	9.87	99	76 - 124	
Bromochloromethane	10	10.5	105	65 - 129	
Bromodichloromethane	10	8.94	89	76 - 121	
Bromoform	10	9.97	100	69 - 128	
Bromomethane	10	8.57	86	30 - 141	
Carbon tetrachloride	10	9.86	99	66 - 138	
Chlorobenzene	10	11.0	110	81 - 122	
Chloroethane	10	9.79	98	58 - 133	
Chloroform	10	9.16	92	69 - 128	
Chloromethane	10	9.11	91	56 - 131	
cis-1,2-Dichloroethene	10	10.3	103	72 - 126	
cis-1,3-Dichloropropene	10	9.29	93	69 - 131	
Dibromochloromethane	10	10.3	103	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10074 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9139.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.19	92	76 - 125	
Dichlorodifluoromethane	10	10.8	108	30 - 153	
Ethylbenzene	10	10.4	104	73 - 127	
Hexachlorobutadiene	10	9.03	90	67 - 131	
Isopropylbenzene	10	9.69	97	75 - 127	
Methyl tert-butyl ether	10	9.77	98	65 - 123	
Methylene chloride	10	9.50	95	63 - 137	
n-Butylbenzene	10	8.68	87	69 - 137	
n-Propylbenzene	10	9.51	95	72 - 129	
Naphthalene	10	10.0	100	54 - 138	
o-Xylene	10	10.9	109	80 - 121	
p-Isopropyltoluene	10	10.0	100	73 - 130	
sec-Butylbenzene	10	9.95	100	72 - 127	
Styrene	10	9.83	98	65 - 134	
tert-Butylbenzene	10	9.59	96	70 - 129	
Tetrachloroethene	10	11.6	116	66 - 128	
Toluene	10	10.2	102	77 - 122	
trans-1,2-Dichloroethene	10	10.5	105	63 - 137	
trans-1,3-Dichloropropene	10	9.43	94	59 - 135	
Trichloroethene	10	9.75	98	70 - 127	
Trichlorofluoromethane	10	9.28	93	57 - 129	
Vinyl chloride	10	10.1	101	50 - 134	
Xylenes (total)	30	33.2	111	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	72 - 119	
4-Bromofluorobenzene	102	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	929492	353482 - 1413926	
Chlorobenzene-d5	887278	383378 - 1533514	
Fluorobenzene	2128565	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10054

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: AOC9-TW60-GW **MS ID:** 0706082-002AMS **MSD ID:** 0706082-002AMSD

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	22.4	112	21.0	105	7	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	11.0	110	10.3	103	6	81 - 129	20	
1,1,1-Trichloroethane		10.0	10.9	109	10.3	103	6	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	10.0	101	9.59	96	5	63 - 128	20	
1,1,2-Trichloroethane		10.0	10.7	107	9.95	100	7	75 - 125	20	
1,1-Dichloroethane		10.0	10.1	101	9.77	98	4	69 - 133	20	
1,1-Dichloroethene		10.0	11.3	113	10.7	107	5	68 - 130	20	
1,1-Dichloropropene		10.0	10.8	108	10.1	101	7	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	10.3	103	9.78	98	5	67 - 137	20	
1,2,3-Trichloropropane		10.0	9.73	97	9.42	94	3	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	10.0	100	9.81	98	2	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	10.4	104	9.90	99	5	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	9.60	96	9.11	91	5	50 - 132	20	
1,2-Dibromoethane		10.0	11.0	110	10.3	103	6	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.8	108	10.5	105	3	71 - 122	20	
1,2-Dichloroethane		10.0	9.96	100	9.18	92	8	69 - 132	20	
1,2-Dichloropropane		10.0	10.2	102	9.55	96	6	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	10.5	105	10.0	100	5	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.8	108	10.6	106	1	75 - 124	20	
1,3-Dichloropropane		10.0	10.6	106	9.88	99	7	73 - 126	20	
1,4-Dichlorobenzene		10.0	10.6	106	10.1	101	4	74 - 123	20	
1-Chlorohexane		10.0	10.4	104	9.82	98	6	70 - 125	20	
2,2-Dichloropropane		10.0	10.3	103	9.49	95	9	69 - 137	20	
2-Butanone		20.0	19.0	95	18.3	92	3	49 - 136	20	
2-Chlorotoluene		10.0	10.4	104	10.0	100	3	73 - 126	20	
4-Chlorotoluene		10.0	10.4	104	10.1	101	3	74 - 128	20	
4-Methyl-2-pentanone		20.0	19.2	96	18.4	92	4	58 - 134	20	
Acetone		20.0	18.1	90	18.0	90	1	40 - 135	20	
Benzene		10.0	10.7	107	10.1	101	6	81 - 122	20	
Bromobenzene		10.0	10.8	108	10.4	104	4	76 - 124	20	
Bromochloromethane		10.0	10.9	109	10.1	101	8	65 - 129	20	
Bromodichloromethane		10.0	9.86	99	9.38	94	5	76 - 121	20	
Bromoform		10.0	9.70	97	9.38	94	3	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10054

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: AOC9-TW60-GW **MS ID:** 0706082-002AMS **MSD ID:** 0706082-002AMSD

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	10.5	105	10.0	100	5	30 - 141	20	
Carbon tetrachloride		10.0	10.7	107	10.2	103	4	66 - 138	20	
Chlorobenzene		10.0	11.3	113	10.6	106	6	81 - 122	20	
Chloroethane		10.0	10.9	109	10.6	106	3	58 - 133	20	
Chloroform		10.0	10.3	103	9.67	97	6	69 - 128	20	
Chloromethane		10.0	10.9	109	10.1	101	8	56 - 131	20	
cis-1,2-Dichloroethene		10.0	11.0	110	10.4	104	6	72 - 126	20	
cis-1,3-Dichloropropene		10.0	10.2	102	9.59	96	6	69 - 131	20	
Dibromochloromethane		10.0	10.8	108	9.98	100	8	66 - 133	20	
Dibromomethane		10.0	10.3	103	9.54	95	7	76 - 125	20	
Dichlorodifluoromethane		10.0	12.4	124	11.5	115	8	30 - 153	20	
Ethylbenzene		10.0	11.0	110	10.5	105	5	73 - 127	20	
Hexachlorobutadiene		10.0	9.97	100	9.40	94	6	67 - 131	20	
Isopropylbenzene		10.0	10.8	108	10.6	106	2	75 - 127	20	
Methyl tert-butyl ether		10.0	10.8	108	10.1	101	7	65 - 123	20	
Methylene chloride		10.0	10.4	104	9.75	98	6	63 - 137	20	
n-Butylbenzene		10.0	9.95	100	9.44	94	5	69 - 137	20	
n-Propylbenzene		10.0	10.8	108	10.5	105	3	72 - 129	20	
Naphthalene		10.0	10.8	108	10.2	102	6	54 - 138	20	
o-Xylene		10.0	11.0	110	10.5	105	5	80 - 121	20	
p-Isopropyltoluene		10.0	11.0	110	10.6	106	4	73 - 130	20	
sec-Butylbenzene		10.0	11.1	111	10.7	107	3	72 - 127	20	
Styrene		10.0	9.76	98	8.59	86	13	65 - 134	20	
tert-Butylbenzene		10.0	10.6	106	10.4	104	2	70 - 129	20	
Tetrachloroethene		10.0	11.4	114	10.9	109	5	66 - 128	20	
Toluene		10.0	11.2	112	10.3	103	8	77 - 122	20	
trans-1,2-Dichloroethene		10.0	11.2	112	10.3	103	8	63 - 137	20	
trans-1,3-Dichloropropene		10.0	10.5	105	9.75	98	8	59 - 135	20	
Trichloroethene	0.140	10.0	10.5	104	10.0	99	5	70 - 127	20	
Trichlorofluoromethane		10.0	10.7	107	9.89	99	8	57 - 129	20	
Vinyl chloride		10.0	11.6	116	10.9	109	6	50 - 134	20	
Xylenes (total)		30.0	33.5	112	31.5	105	6	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-9973 **MS ID:** LCS-9973 **MSD ID:** LCSD-9973

Calibration ID: 976

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	21.1	106	21.5	107	2	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	12.5	125	12.4	124	1	81 - 129	20	
1,1,1-Trichloroethane		10.0	13.4	134	13.1	131	2	67 - 132	20	*
1,1,2,2-Tetrachloroethane		10.0	8.12	81	7.59	76	7	63 - 128	20	
1,1,2-Trichloroethane		10.0	9.25	92	9.32	93	1	75 - 125	20	
1,1-Dichloroethane		10.0	9.51	95	9.33	93	2	69 - 133	20	
1,1-Dichloroethene		10.0	10.8	108	10.9	109	1	68 - 130	20	
1,1-Dichloropropene		10.0	10.2	102	10.2	102	0	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	11.3	113	10.9	109	4	67 - 137	20	
1,2,3-Trichloropropane		10.0	8.24	82	8.56	86	4	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	10.8	108	10.3	103	5	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	9.73	97	9.44	94	3	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	10.1	101	9.06	91	11	50 - 132	20	
1,2-Dibromoethane		10.0	11.2	112	11.0	110	1	80 - 121	20	
1,2-Dichlorobenzene		10.0	9.82	98	9.64	96	2	71 - 122	20	
1,2-Dichloroethane		10.0	11.0	110	10.8	108	1	69 - 132	20	
1,2-Dichloropropane		10.0	8.56	86	8.44	84	1	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	9.53	95	9.35	94	2	74 - 131	20	
1,3-Dichlorobenzene		10.0	9.97	100	9.88	99	1	75 - 124	20	
1,3-Dichloropropane		10.0	9.31	93	9.19	92	1	73 - 126	20	
1,4-Dichlorobenzene		10.0	9.71	97	9.64	96	1	74 - 123	20	
1-Chlorohexane		10.0	10.7	107	10.8	108	1	70 - 125	20	
2,2-Dichloropropane		10.0	11.8	118	11.4	114	4	69 - 137	20	
2-Butanone		20.0	19.7	98	18.7	94	5	49 - 136	20	
2-Chlorotoluene		10.0	8.80	88	8.60	86	2	73 - 126	20	
4-Chlorotoluene		10.0	8.63	86	8.41	84	3	74 - 128	20	
4-Methyl-2-pentanone		20.0	19.0	95	18.5	92	3	58 - 134	20	
Acetone		20.0	23.7	119	22.5	113	5	40 - 135	20	
Benzene		10.0	9.43	94	9.17	92	3	81 - 122	20	
Bromobenzene		10.0	10.5	105	10.1	101	3	76 - 124	20	
Bromochloromethane		10.0	12.6	126	12.4	124	2	65 - 129	20	
Bromodichloromethane		10.0	11.6	116	11.6	116	0	76 - 121	20	
Bromoform		10.0	15.5	155	15.8	158	2	69 - 128	20	*

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-9973 **MS ID:** LCS-9973 **MSD ID:** LCSD-9973

Calibration ID: 976

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	11.6	116	12.1	121	5	30 - 141	20	
Carbon tetrachloride		10.0	13.7	137	13.5	135	1	66 - 138	20	
Chlorobenzene		10.0	11.3	113	11.3	113	0	81 - 122	20	
Chloroethane		10.0	9.18	92	9.12	91	1	58 - 133	20	
Chloroform		10.0	10.6	106	10.3	103	3	69 - 128	20	
Chloromethane		10.0	8.52	85	8.58	86	1	56 - 131	20	
cis-1,2-Dichloroethene		10.0	10.4	104	10.4	104	0	72 - 126	20	
cis-1,3-Dichloropropene		10.0	9.84	98	9.60	96	2	69 - 131	20	
Dibromochloromethane		10.0	14.8	148	14.8	148	0	66 - 133	20	*
Dibromomethane		10.0	10.7	107	10.7	107	0	76 - 125	20	
Dichlorodifluoromethane		10.0	11.6	116	11.8	118	2	30 - 153	20	
Ethylbenzene		10.0	10.8	108	10.8	108	0	73 - 127	20	
Hexachlorobutadiene		10.0	12.0	120	11.6	116	4	67 - 131	20	
Isopropylbenzene		10.0	9.84	98	9.61	96	2	75 - 127	20	
Methyl tert-butyl ether		10.0	10.7	107	10.4	104	3	65 - 123	20	
Methylene chloride		10.0	9.39	94	8.92	89	5	63 - 137	20	
n-Butylbenzene		10.0	9.74	97	9.42	94	3	69 - 137	20	
n-Propylbenzene		10.0	9.08	91	8.85	88	3	72 - 129	20	
Naphthalene		10.0	11.0	110	10.7	107	3	54 - 138	20	
o-Xylene		10.0	10.6	106	10.6	106	0	80 - 121	20	
p-Isopropyltoluene		10.0	10.2	102	10.1	101	2	73 - 130	20	
sec-Butylbenzene		10.0	9.61	96	9.46	95	2	72 - 127	20	
Styrene		10.0	10.5	105	10.8	108	2	65 - 134	20	
tert-Butylbenzene		10.0	9.90	99	9.57	96	3	70 - 129	20	
Tetrachloroethene		10.0	13.1	131	13.3	133	1	66 - 128	20	*
Toluene		10.0	10.4	104	10.1	101	2	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.8	108	10.7	107	2	63 - 137	20	
trans-1,3-Dichloropropene		10.0	10.5	105	10.3	103	2	59 - 135	20	
Trichloroethene		10.0	11.0	110	11.1	111	0	70 - 127	20	
Trichlorofluoromethane		10.0	13.0	130	13.0	130	1	57 - 129	20	*
Vinyl chloride		10.0	8.86	89	8.79	88	1	50 - 134	20	
Xylenes (total)		30.0	31.7	106	32.1	107	1	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10054

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TB04	0706082-001A	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8.4	
AOC9-TW60-GW	0706082-002A	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8.1	
AOC9-TW60-GW	0706082-002AMS	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8	
AOC9-TW60-GW	0706082-002AMSD	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8	
AOC9-TW73-GW	0706082-003A	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8.1	
AOC9-TW72-GW	0706082-004A	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8.1	
AOC9-TW58-GW	0706082-005A	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8.1	
AOC9-TW75-GW	0706082-006A	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8.1	
AOC9-TW74-GW	0706082-007A	14-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	8.1	
AOC9-TW81-GW/D	0706082-012A	15-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	7.5	
AOC9-TW54-GW	0706082-013A	15-Jun-07	15-Jun-07	22-Jun-07			22-Jun-07	14	7.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW76-GW	0706082-008A	15-Jun-07	15-Jun-07	25-Jun-07			25-Jun-07	14	10.4	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R9973

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW82-GW	0706082-009A	15-Jun-07	15-Jun-07	15-Jun-07			15-Jun-07	14	0.5	
AOC9-TW81-GW	0706082-010A	15-Jun-07	15-Jun-07	15-Jun-07			15-Jun-07	14	0.5	
AOC9-TW57-GW	0706082-011A	15-Jun-07	15-Jun-07	15-Jun-07			15-Jun-07	14	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R9995

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TB05	0706090-001A	18-Jun-07	19-Jun-07	19-Jun-07			19-Jun-07	14	1.3	
AOC9TW83-GW	0706090-002A	18-Jun-07	19-Jun-07	19-Jun-07			19-Jun-07	14	1	
AOC9-TW42-GW	0706090-003A	18-Jun-07	19-Jun-07	19-Jun-07			19-Jun-07	14	1	
AOC9-TW84-GW	0706090-004A	18-Jun-07	19-Jun-07	19-Jun-07			19-Jun-07	14	1.1	
AOC9-TW85-GW	0706090-005A	18-Jun-07	19-Jun-07	19-Jun-07			19-Jun-07	14	1.1	
AOC9-TW87-GW	0706090-006A	18-Jun-07	19-Jun-07	19-Jun-07			19-Jun-07	14	1	
AOC9-TW66-GW	0706090-007A	18-Jun-07	19-Jun-07	19-Jun-07			19-Jun-07	14	0.9	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB060107A3	TB060107A3	01-Jun-07	12:09	01-Jun-07	12:39
ICAL 0.3PPB	ICAL 0.3PPB	01-Jun-07	12:39	01-Jun-07	13:14
ICAL 0.5PPB	ICAL 0.5PPB	01-Jun-07	13:14	01-Jun-07	13:48
ICAL 2.0PPB	ICAL 2.0PPB	01-Jun-07	13:48	01-Jun-07	14:22
ICAL 10PPB	ICAL 10PPB	01-Jun-07	14:22	01-Jun-07	14:56
ICAL 20PPB	ICAL 20PPB	01-Jun-07	14:56	01-Jun-07	15:31
ICAL 30PPB	ICAL 30PPB	01-Jun-07	15:31	01-Jun-07	16:05
ICAL 40PPB	ICAL 40PPB	01-Jun-07	16:05	01-Jun-07	17:48
ICV-9809	ICV-9809	01-Jun-07	17:48	01-Jun-07	17:48
TB061907A3	TB061907A3	19-Jun-07	10:36	19-Jun-07	11:13
CCV-9995	CCV-9995	19-Jun-07	11:13	19-Jun-07	11:48
LCS-9995	LCS-9995	19-Jun-07	11:48	19-Jun-07	12:56
MB-9995	MB-9995	19-Jun-07	12:56	19-Jun-07	13:30
AOC9-TW42-GW	0706090-003A	19-Jun-07	13:30	19-Jun-07	14:04
AOC9TW83-GW	0706090-002A	19-Jun-07	14:04	19-Jun-07	14:39
AOC9-TW66-GW	0706090-007A	19-Jun-07	14:39	19-Jun-07	15:13
AOC9-TW87-GW	0706090-006A	19-Jun-07	15:13	19-Jun-07	15:47
AOC9-TW84-GW	0706090-004A	19-Jun-07	15:47	19-Jun-07	16:21
AOC9-TW85-GW	0706090-005A	19-Jun-07	16:21	19-Jun-07	16:55
AOC9-TB05	0706090-001A	19-Jun-07	16:55	19-Jun-07	16:55
TB062007B3	TB062007B3	20-Jun-07	22:02	20-Jun-07	22:33

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070601A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/1/2007 12:09:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3000.D
Compound:	SW8260B	**Sample ID:**	TB060107A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.0	
75	30 - 60% of m/z 95	50.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	68.0	
175	5 - 9% of m/z 174	7.5	
176	Greater than 95% but less than 101% of m/z 174	96.0	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB060807A1	TB060807A1	08-Jun-07	6:21	08-Jun-07	6:53
ICAL 0.3 PPB	ICAL 0.3 PPB	08-Jun-07	6:53	08-Jun-07	7:27
ICAL 0.5 PPB	ICAL 0.5 PPB	08-Jun-07	7:27	08-Jun-07	8:00
ICAL 2.0 PPB	ICAL 2.0 PPB	08-Jun-07	8:00	08-Jun-07	8:33
ICAL 10 PPB	ICAL 10 PPB	08-Jun-07	8:33	08-Jun-07	9:06
ICAL 20 PPB	ICAL 20 PPB	08-Jun-07	9:06	08-Jun-07	9:39
ICAL 30 PPB	ICAL 30 PPB	08-Jun-07	9:39	08-Jun-07	10:13
ICAL 40 PPB	ICAL 40 PPB	08-Jun-07	10:13	08-Jun-07	11:19
ICV-9869	ICV-9869	08-Jun-07	11:19	08-Jun-07	11:19
TB061507A2	TB061507A2	15-Jun-07	12:34	15-Jun-07	13:04
CCV-9973	CCV-9973	15-Jun-07	13:04	15-Jun-07	13:37
LCS-9973	LCS-9973	15-Jun-07	13:37	15-Jun-07	14:10
LCSD-9973	LCSD-9973	15-Jun-07	14:10	15-Jun-07	15:17
MB-9973	MB-9973	15-Jun-07	15:17	15-Jun-07	20:48
AOC9-TW82-GW	0706082-009A	15-Jun-07	20:48	15-Jun-07	21:21
AOC9-TW81-GW	0706082-010A	15-Jun-07	21:21	15-Jun-07	21:54
AOC9-TW57-GW	0706082-011A	15-Jun-07	21:54	15-Jun-07	21:54
TB062107A1	TB062107A1	21-Jun-07	6:45	21-Jun-07	7:14
TB062107A2	TB062107A2	21-Jun-07	12:35	21-Jun-07	13:05
TB062207A1	TB062207A1	22-Jun-07	11:13	22-Jun-07	11:42
CCV-10054	CCV-10054	22-Jun-07	11:42	22-Jun-07	12:16
LCS-10054	LCS-10054	22-Jun-07	12:16	22-Jun-07	13:55
AOC9-TW60-GW	0706082-002AMS	22-Jun-07	13:55	22-Jun-07	14:28
AOC9-TW60-GW	0706082-002AMSD	22-Jun-07	14:28	22-Jun-07	15:34
MB-10054	MB-10054	22-Jun-07	15:34	22-Jun-07	17:45
AOC9-TW60-GW	0706082-002A	22-Jun-07	17:45	22-Jun-07	18:18
AOC9-TW73-GW	0706082-003A	22-Jun-07	18:18	22-Jun-07	18:51
AOC9-TW72-GW	0706082-004A	22-Jun-07	18:51	22-Jun-07	19:25
AOC9-TW58-GW	0706082-005A	22-Jun-07	19:25	22-Jun-07	19:58
AOC9-TW75-GW	0706082-006A	22-Jun-07	19:58	22-Jun-07	20:31
AOC9-TW74-GW	0706082-007A	22-Jun-07	20:31	22-Jun-07	21:37
AOC9-TW81-GW/D	0706082-012A	22-Jun-07	21:37	22-Jun-07	22:09
AOC9-TW54-GW	0706082-013A	22-Jun-07	22:09	22-Jun-07	22:42
AOC9-TB04	0706082-001A	22-Jun-07	22:42	22-Jun-07	22:42
TB062507A1	TB062507A1	25-Jun-07	8:33	25-Jun-07	9:02
CCV-10074	CCV-10074	25-Jun-07	9:02	25-Jun-07	9:35
LCS-10074	LCS-10074	25-Jun-07	9:35	25-Jun-07	11:47
MB-10074	MB-10074	25-Jun-07	11:47	25-Jun-07	12:53

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
AOC9-TW76-GW	0706082-008A	25-Jun-07	18:23	25-Jun-07	20:01

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB060107A3	TB060107A3	01-Jun-07	12:09	01-Jun-07	12:39
ICAL 0.3PPB	ICAL 0.3PPB	01-Jun-07	12:39	01-Jun-07	13:14
ICAL 0.5PPB	ICAL 0.5PPB	01-Jun-07	13:14	01-Jun-07	13:48
ICAL 2.0PPB	ICAL 2.0PPB	01-Jun-07	13:48	01-Jun-07	14:22
ICAL 10PPB	ICAL 10PPB	01-Jun-07	14:22	01-Jun-07	14:56
ICAL 20PPB	ICAL 20PPB	01-Jun-07	14:56	01-Jun-07	15:31
ICAL 30PPB	ICAL 30PPB	01-Jun-07	15:31	01-Jun-07	16:05
ICAL 40PPB	ICAL 40PPB	01-Jun-07	16:05	01-Jun-07	17:48
ICV-9809	ICV-9809	01-Jun-07	17:48	01-Jun-07	17:48
TB061907A3	TB061907A3	19-Jun-07	10:36	19-Jun-07	11:13
CCV-9995	CCV-9995	19-Jun-07	11:13	19-Jun-07	11:48
LCS-9995	LCS-9995	19-Jun-07	11:48	19-Jun-07	12:56
MB-9995	MB-9995	19-Jun-07	12:56	19-Jun-07	13:30
AOC9-TW42-GW	0706090-003A	19-Jun-07	13:30	19-Jun-07	14:04
AOC9TW83-GW	0706090-002A	19-Jun-07	14:04	19-Jun-07	14:39
AOC9-TW66-GW	0706090-007A	19-Jun-07	14:39	19-Jun-07	15:13
AOC9-TW87-GW	0706090-006A	19-Jun-07	15:13	19-Jun-07	15:47
AOC9-TW84-GW	0706090-004A	19-Jun-07	15:47	19-Jun-07	16:21
AOC9-TW85-GW	0706090-005A	19-Jun-07	16:21	19-Jun-07	16:55
AOC9-TB05	0706090-001A	19-Jun-07	16:55	19-Jun-07	16:55
TB062007B3	TB062007B3	20-Jun-07	22:02	20-Jun-07	22:33

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_11_070619A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/19/2007 10:36:00 AM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3257.D
Compound:	SW8260B	**Sample ID:**	TB061907A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.0	
75	30 - 60% of m/z 95	54.7	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.5	
174	Greater than 50% of m/z 95	66.3	
175	5 - 9% of m/z 174	7.8	
176	Greater than 95% but less than 101% of m/z 174	96.5	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070620B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/20/2007 10:02:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3296.D
Compound:	SW8260B	**Sample ID:**	TB062007B3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.6	
75	30 - 60% of m/z 95	50.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	1.3	
174	Greater than 50% of m/z 95	83.9	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070608A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/8/2007 6:21:00 AM
Initial Calibration ID:	976	**File ID:**	C:\HPCHEM\1\DATA\T8862.D
Compound:	SW8260B	**Sample ID:**	TB060807A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	23.0	
75	30 - 60% of m/z 95	57.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	61.2	
175	5 - 9% of m/z 174	7.7	
176	Greater than 95% but less than 101% of m/z 174	97.3	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070615B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/15/2007 12:34:00 PM
Initial Calibration ID:	976	**File ID:**	C:\HPCHEM\1\DATA\T8977.D
Compound:	SW8260B	**Sample ID:**	TB061507A2

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	22.5	
75	30 - 60% of m/z 95	57.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0.4	
174	Greater than 50% of m/z 95	73.8	
175	5 - 9% of m/z 174	7.7	
176	Greater than 95% but less than 101% of m/z 174	96.5	
177	5 - 9% of m/z 176	6.9	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070621A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/21/2007 6:45:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9024.D
Compound:	SW8260B	**Sample ID:**	TB062107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.2	
75	30 - 60% of m/z 95	54.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	85.9	
175	5 - 9% of m/z 174	7.6	
176	Greater than 95% but less than 101% of m/z 174	97.6	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070622B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/22/2007 11:13:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9072.D
Compound:	SW8260B	**Sample ID:**	TB062207A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	20.2	
75	30 - 60% of m/z 95	50.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	7.0	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	92.2	
175	5 - 9% of m/z 174	6.9	
176	Greater than 95% but less than 101% of m/z 174	95.4	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070625B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/25/2007 8:33:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9137.D
Compound:	SW8260B	**Sample ID:**	TB062507A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.3	
75	30 - 60% of m/z 95	48.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.8	
174	Greater than 50% of m/z 95	96.3	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	99.5	
177	5 - 9% of m/z 176	6.2	

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Monday, July 02, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0706097, 0706109

Dear Robert Meyers:

Life Science Laboratories, Inc. received samples on 6/19/2007 and 6/20/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Laboratory Report

Life Science Laboratories, Inc.

Date: *02-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706097

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706097-001A	AOC9-TB06		6/18/2007	6/19/2007
0706097-002A	AOC9-TW72R-GW		6/18/2007	6/19/2007
0706097-003A	AOC9-TW56R-GW		6/18/2007	6/19/2007
0706097-004A	AOC9-TW86-GW		6/19/2007	6/19/2007
0706097-005A	AOC9-TW88-GW		6/19/2007	6/19/2007
0706097-006A	AOC9-TW49-GW		6/19/2007	6/19/2007
0706097-007A	AOC9-TW46-GW		6/19/2007	6/19/2007
0706097-008A	AOC9-TW54B-GW		6/19/2007	6/19/2007

Life Science Laboratories, Inc.

Date: *02-Jul-07*

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
Lab Order: 0706109

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0706109-001A	AOC9-TB07		6/19/2007	6/20/2007
0706109-002A	AOC9-TW92-GW		6/19/2007	6/20/2007
0706109-003A	AOC9-TW93-GW		6/19/2007	6/20/2007
0706109-004A	AOC9-TW94-GW		6/19/2007	6/20/2007
0706109-005A	AOC9-TW91-GW		6/19/2007	6/20/2007
0706109-006A	AOC9-TW90-GW		6/19/2007	6/20/2007

Life Science Laboratories, Inc.

Lab Order: 0706097
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706097-001A	AOC9-TB06	6/18/2007 4:52:00 PM	Water Q	Volatile Organic Compounds by GC/MS			6/25/2007
0706097-002A	AOC9-TW72R-GW	6/18/2007 7:08:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/25/2007
0706097-003A	AOC9-TW56R-GW	6/18/2007 7:53:00 PM		Volatile Organic Compounds by GC/MS			6/26/2007
				Volatile Organic Compounds by GC/MS			6/21/2007
0706097-004A	AOC9-TW86-GW	6/19/2007 8:37:00 AM		Volatile Organic Compounds by GC/MS			6/25/2007
0706097-005A	AOC9-TW88-GW	6/19/2007 9:29:00 AM		Volatile Organic Compounds by GC/MS			6/21/2007
0706097-006A	AOC9-TW49-GW	6/19/2007 10:07:00 AM		Volatile Organic Compounds by GC/MS			6/25/2007
				Volatile Organic Compounds by GC/MS			6/21/2007
0706097-007A	AOC9-TW46-GW	6/19/2007 11:08:00 AM		Volatile Organic Compounds by GC/MS			6/26/2007
				Volatile Organic Compounds by GC/MS			6/21/2007
0706097-008A	AOC9-TW54B-GW	6/19/2007 12:42:00 PM		Volatile Organic Compounds by GC/MS			6/26/2007
				Volatile Organic Compounds by GC/MS			6/21/2007

Life Science Laboratories, Inc.

02-Jul-07

Lab Order: 0706109
Client: Ecology & Environment, Inc.
Project: Griffiss AFB

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0706109-001A	AOC9-TB07	6/19/2007 2:48:00 PM	Water Q	Volatile Organic Compounds by GC/MS			6/25/2007
0706109-002A	AOC9-TW92-GW	6/19/2007 2:56:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			6/26/2007
0706109-003A	AOC9-TW93-GW	6/19/2007 3:42:00 PM		Volatile Organic Compounds by GC/MS			6/26/2007
0706109-004A	AOC9-TW94-GW	6/19/2007 4:17:00 PM		Volatile Organic Compounds by GC/MS			6/21/2007
0706109-005A	AOC9-TW91-GW	6/19/2007 5:29:00 PM		Volatile Organic Compounds by GC/MS			6/21/2007
0706109-006A	AOC9-TW90-GW	6/19/2007 6:03:00 PM		Volatile Organic Compounds by GC/MS			6/21/2007

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for samples from Ecology & Environment, Inc., for the Griffiss AFB - Rome, NY project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

Discrepancies noted upon receipt are listed on the sample receipt checklist located in the chain of custody section of the report. The temperatures of the coolers were 1.6°C and -1.6°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	8260B	1

1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996 (including the QC requirements specified in AFCEE 4.0 + variances).

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report.

RAW DATA

The raw data is not requested for this report. Life Science Laboratories, Inc. will keep the raw data on file.

Total # of pages in this report: _____

GC/MS Volatile Organics Case Narrative

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706097, 0706109
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): Angela Z 6/28/07

Supervisor/Reviewed by (Initials/Date): JW 6-28-07

QA/QC Review (Initials/Date): [illegible] 7/2/07

File Name: G:\Narratives\Templates\SemiNAR2.0.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD/MSB
All spike recovery and RPD data met method and/or project specific QC criteria.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
The following continuing calibration compound(s) exceeded method percent drift and/or RRF criteria:

Calibration ID	Instrument	Compound	%D	RRF	Corrective Action
CCV-10016	MS#3	Several			1
CCV-10074	MS#1	Tetrachloroethene	-23.0		2
		Bromomethane	21.0		3
CCV-10095	MS#1	Tetrachloroethene	-22.1		2
		(m+p) Xylene	-22.1		2
		o-Xylene	-21.1		2

Client:	E & E
Project/Order:	Griffiss AFB
Work Order #:	0706097, 0706109
Methodology:	8260B

1 The analytical system has gained sensitivity to this analyte since the current initial calibration. Several of the analytes were detected above the PQL/RL in some of the samples. Results may be biased high. No corrective action was taken.

2 The recovery marginally exceeded the upper control limit and was detected above the PQL/RL for some analytes in the associated samples. No corrective action was taken.

3 The recovery exceeded the lower control limit and was not detected above the PQL/RL in the associated samples. This excursion is allowed by project variance. No corrective action was taken.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Miscellaneous
JP-10 was reported in samples where significant concentrations were detected.

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone #(716) 684 8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Method 8260 SW	Comments "Concentration"
AOC9 - TB06	6/18/07	1652	W	GRAB	2	2	—
AOC9 - TW72R - GW	6/18/07	1908	GW		3	3	ND
AOC9 - TW56R - GW	6/18/07	1953	GW	GRAB	3	3	200ppb
AOC9 - TW86 - GW	6/19/07	0837	GW		9	9	MS/MSD 10ppb
AOC9 - TW88 - GW	6/19/07	0929	GW		3	3	ND
AOC9 - TW49 - GW	6/19/07	1007	GW		3	3	800ppb
AOC9 - TW46 - GW	6/19/07	1108	GW		3	3	100ppb
AOC9 - TW54 - GW	6/19/07	1242	GW	GRAB	3	3	200ppb

6/19/07

Relinquished by:	Date: 6/19/07 Time: 1330	Received by:	Date: 6/19/07 Time: 1330
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/19/07 Time: 1425	Received by Lab:	Date: 6/19/07 Time: 1425
Shipment Method:		Airbill Number:	

Turnaround Time Required:

Routine

Rush (Specify) 24 hr.

Comments:

Temperature: 1.6 °C ON ICE CUSTODY SEAL INTACT

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Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **E & E**

Date and Time Received: **6/19/2007 2:25:00 PM**

Work Order Number **0706097**

Received by: ads

Checklist completed by: _____ Initials 6/19/07 Date

Reviewed by: MS Initials 6/19/07 Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☑	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

One "AOC9-TB06" (Trip Blank) has 8 mm of headspace. Added "B" to sample ID "TW54" per Bob Meyers.

Corrective Action::

Client/Project E & E 0706097

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706097-001 → 008	1		JK	6/20/07 16:40	8260	NK

Client/Project E&E Griffiss 0706097

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706097-001→008	A		ABM	6/20/07 10:00	8260	NR

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEEPC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # 716 684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOC's Method SW8260	Estimated Concentration / Comments
AOC9-TB07	6/19/07	1448	W	Grab	2	2	—
AOC9-TW92-GW	6/19/07	1456	GW	|	3	3	ND
AOC9-TW93-GW	6/19/07	1542	GW	|	3	3	ND
AOC9-TW94-GW	6/19/07	1617	GW	|	3	3	ND
AOC9-TW91-GW	6/19/07	1729	GW	|	3	3	ND
AOC9-TW90-GW	6/19/07	1803	GW	Grab	3	3	ND

Relinquished by:	Date: 6/20/07 Time: 1326	Received by:	Date: 6/20/07 Time: 1326
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: 6/20/07 Time: 2:20	Received by Lab:	Date: 6/20/07 Time: 1420
Shipment Method:		Airbill Number:	

Turnaround Time Required:

Routine

Rush (Specify) 24 hr

Temperature: -1.6 °C

Comments:

Custody Seals INTACT

14

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: E & E

Date and Time Received: **6/20/2007 2:20:00 PM**

Work Order Number **0706109**

Received by: ads

Checklist completed by: _____ Initials 6/20/07 Date

Reviewed by: MS Initials 6/20/07 Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☑	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Trip Blanks each have headspace of 6 mm.

Corrective Action::

Client/Project E:E 0706109

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0706109-001→006	A		IK	6/20/07 16:40	B260	NR

Analytical Results

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10016

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW56R-GW	0706097-003A
AOC9-TW88-GW	0706097-005A
AOC9-TW49-GW	0706097-006A
AOC9-TW46-GW	0706097-007A
AOC9-TW54B-GW	0706097-008A
AOC9-TW94-GW	0706109-004A
AOC9-TW91-GW	0706109-005A
AOC9-TW90-GW	0706109-006A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/2/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TB06	0706097-001A
AOC9-TW72R-GW	0706097-002A
AOC9-TW86-GW	0706097-004A
AOC9-TW86-GW	0706097-004AMS
AOC9-TW86-GW	0706097-004AMSD
AOC9-TW49-GW DL	0706097-006ADL
AOC9-TB07	0706109-001A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/2/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract Number:**

Base/Command: **Prime Contractor:** Ecology & Environment, Inc.

Field Sample ID	Lab Sample ID
AOC9-TW56R-GW DL	0706097-003ADL
AOC9-TW46-GW DL	0706097-007ADL
AOC9-TW54B-GW DL	0706097-008ADL
AOC9-TW92-GW	0706109-002A
AOC9-TW93-GW	0706109-003A

Comments:

I certify this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager's designee, as verified by the following signature.

Signature: Monika Santucci Name: Monika Santucci

Date: 7/2/07 Title: Project Manager

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB06	**Lab Sample ID:**	0706097-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9145.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB06	**Lab Sample ID:**	0706097-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9145.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB06	**Lab Sample ID:**	0706097-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9145.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	89	72 - 119	
4-Bromofluorobenzene	97	76 - 119	
Dibromofluoromethane	102	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	705558	353482 - 1413926	
Chlorobenzene-d5	817345	383378 - 1533514	
Fluorobenzene	2019002	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW72R-GW	**Lab Sample ID:**	0706097-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9146.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW72R-GW	**Lab Sample ID:**	0706097-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9146.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW72R-GW	**Lab Sample ID:**	0706097-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9146.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	94	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	100	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	698328	353482 - 1413926	
Chlorobenzene-d5	765501	383378 - 1533514	
Fluorobenzene	2011126	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56R-GW	**Lab Sample ID:**	0706097-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3304.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	2.14	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	5.81	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	1.86	1		
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	3.70	1		
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	14.7	1		
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.280	1		F
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	3.08	1		FQ
Benzene	0.0100	0.500	1.79	1		Q
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56R-GW	**Lab Sample ID:**	0706097-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3304.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	90.5	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.130	1		F
cis-1,2-Dichloroethene	0.0320	1.00	1.81	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.530	1		F
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.610	1		F
Methyl tert-butyl ether	0.0250	5.00	0.670	1		F
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.300	1		F
n-Propylbenzene	0.00900	1.00	0.190	1		F
Naphthalene	0.0240	1.00	1.03	1		
o-Xylene	0.0140	1.00	2.13	1		
p-Isopropyltoluene	0.0140	1.00	0.590	1		F
sec-Butylbenzene	0.0170	1.00	0.290	1		F
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.560	1		F
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	1.89	1		
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	1.46	1		

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56R-GW	**Lab Sample ID:**	0706097-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3304.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	4.27	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	629537	349954 - 1399814	
Chlorobenzene-d5	1181598	532652 - 2130606	
Fluorobenzene	3111016	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56R-GW DL	**Lab Sample ID:**	0706097-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9190.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.280	20.0	1.20	10		FQ
1,1,1,2-Tetrachloroethane	0.540	5.00	0.540	10		U
1,1,1-Trichloroethane	0.150	10.0	0.150	10		U
1,1,2,2-Tetrachloroethane	0.810	5.00	0.810	10		U
1,1,2-Trichloroethane	0.280	10.0	0.280	10		U
1,1-Dichloroethane	0.330	10.0	0.330	10		U
1,1-Dichloroethene	0.460	10.0	0.460	10		U
1,1-Dichloropropene	0.240	10.0	0.240	10		U
1,2,3-Trichlorobenzene	0.360	10.0	0.360	10		U
1,2,3-Trichloropropane	0.460	10.0	0.460	10		U
1,2,4-Trichlorobenzene	0.250	10.0	0.250	10		U
1,2,4-Trimethylbenzene	0.120	10.0	4.20	10		F
1,2-Dibromo-3-chloropropane	2.61	20.0	2.61	10		U
1,2-Dibromoethane	0.350	10.0	0.350	10		U
1,2-Dichlorobenzene	0.190	10.0	1.70	10		F
1,2-Dichloroethane	0.240	5.00	0.240	10		U
1,2-Dichloropropane	0.260	10.0	0.260	10		U
1,3,5-Trimethylbenzene	0.130	10.0	3.00	10		F
1,3-Dichlorobenzene	0.200	10.0	0.200	10		U
1,3-Dichloropropane	0.230	5.00	0.230	10		U
1,4-Dichlorobenzene	0.170	5.00	12.0	10		
1-Chlorohexane	0.470	10.0	0.470	10		U
2,2-Dichloropropane	0.820	10.0	0.820	10		U
2-Butanone	6.49	100	6.49	10		U
2-Chlorotoluene	0.120	10.0	0.120	10		U
4-Chlorotoluene	0.170	10.0	0.170	10		U
4-Methyl-2-pentanone	3.75	100	3.75	10		U
Acetone	8.23	100	8.23	10		U
Benzene	0.100	5.00	1.50	10		F
Bromobenzene	0.280	10.0	0.280	10		U
Bromochloromethane	0.590	10.0	0.590	10		U
Bromodichloromethane	0.310	5.00	0.310	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56R-GW DL	**Lab Sample ID:**	0706097-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9190.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.470	10.0	0.470	10		U
Bromomethane	0.590	30.0	0.590	10		U
Carbon tetrachloride	0.320	10.0	0.320	10		U
Chlorobenzene	0.110	5.00	103	10		
Chloroethane	1.16	10.0	1.16	10		U
Chloroform	0.290	5.00	0.290	10		U
Chloromethane	1.26	10.0	1.26	10		U
cis-1,2-Dichloroethene	0.320	10.0	1.70	10		F
cis-1,3-Dichloropropene	0.210	5.00	0.210	10		U
Dibromochloromethane	0.410	5.00	0.410	10		U
Dibromomethane	0.380	10.0	0.380	10		U
Dichlorodifluoromethane	0.670	10.0	0.670	10		U
Ethylbenzene	0.240	10.0	0.240	10		U
Hexachlorobutadiene	0.610	6.00	0.610	10		U
Isopropylbenzene	0.210	10.0	0.210	10		U
Methyl tert-butyl ether	0.250	50.0	0.250	10		U
Methylene chloride	0.340	10.0	0.340	10		U
n-Butylbenzene	0.130	10.0	0.130	10		U
n-Propylbenzene	0.0900	10.0	0.0900	10		U
Naphthalene	0.240	10.0	0.240	10		U
o-Xylene	0.140	10.0	1.60	10		FQ
p-Isopropyltoluene	0.140	10.0	0.140	10		U
sec-Butylbenzene	0.170	10.0	0.170	10		U
Styrene	0.200	10.0	0.200	10		U
tert-Butylbenzene	0.160	10.0	0.160	10		U
Tetrachloroethene	0.300	10.0	0.300	10		U
Toluene	0.180	10.0	1.50	10		F
trans-1,2-Dichloroethene	0.270	10.0	0.270	10		U
trans-1,3-Dichloropropene	0.290	10.0	0.290	10		U
Trichloroethene	0.270	10.0	0.270	10		U
Trichlorofluoromethane	0.200	10.0	0.200	10		U
Vinyl chloride	0.380	10.0	0.380	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW56R-GW DL	**Lab Sample ID:**	0706097-003ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9190.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.420	20.0	2.80	10		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	82	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	98	85 - 115	
Toluene-d8	105	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	736248	353482 - 1413926	
Chlorobenzene-d5	839345	383378 - 1533514	
Fluorobenzene	2071255	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9147.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9147.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.210	1		FQ
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.510	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9147.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	72 - 119	
4-Bromofluorobenzene	96	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	105	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	668153	353482 - 1413926	
Chlorobenzene-d5	774940	383378 - 1533514	
Fluorobenzene	1927409	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9158.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	22.7	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	10.3	1		
1,1,1-Trichloroethane	0.0150	1.00	8.78	1		
1,1,2,2-Tetrachloroethane	0.0810	0.500	9.08	1		
1,1,2-Trichloroethane	0.0280	1.00	9.54	1		
1,1-Dichloroethane	0.0330	1.00	8.60	1		
1,1-Dichloroethene	0.0460	1.00	10.5	1		
1,1-Dichloropropene	0.0240	1.00	9.35	1		
1,2,3-Trichlorobenzene	0.0360	1.00	9.77	1		
1,2,3-Trichloropropane	0.0460	1.00	8.23	1		
1,2,4-Trichlorobenzene	0.0250	1.00	9.72	1		
1,2,4-Trimethylbenzene	0.0120	1.00	9.83	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	7.54	1		
1,2-Dibromoethane	0.0350	1.00	10.8	1		
1,2-Dichlorobenzene	0.0190	1.00	10.3	1		
1,2-Dichloroethane	0.0240	0.500	7.59	1		
1,2-Dichloropropane	0.0260	1.00	8.83	1		
1,3,5-Trimethylbenzene	0.0130	1.00	9.80	1		
1,3-Dichlorobenzene	0.0200	1.00	10.3	1		
1,3-Dichloropropane	0.0230	0.500	9.81	1		
1,4-Dichlorobenzene	0.0170	0.500	9.81	1		
1-Chlorohexane	0.0470	1.00	10.6	1		
2,2-Dichloropropane	0.0820	1.00	7.51	1		
2-Butanone	0.649	10.0	15.0	1		
2-Chlorotoluene	0.0120	1.00	9.34	1		
4-Chlorotoluene	0.0170	1.00	9.41	1		
4-Methyl-2-pentanone	0.375	10.0	15.5	1		
Acetone	0.823	10.0	13.4	1		
Benzene	0.0100	0.500	9.56	1		
Bromobenzene	0.0280	1.00	10.2	1		
Bromochloromethane	0.0590	1.00	10.1	1		
Bromodichloromethane	0.0310	0.500	8.04	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9158.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	9.00	1		
Bromomethane	0.0590	3.00	8.05	1		
Carbon tetrachloride	0.0320	1.00	8.37	1		
Chlorobenzene	0.0110	0.500	11.2	1		
Chloroethane	0.116	1.00	9.25	1		
Chloroform	0.0290	0.500	8.49	1		
Chloromethane	0.126	1.00	8.31	1		
cis-1,2-Dichloroethene	0.0320	1.00	10.3	1		
cis-1,3-Dichloropropene	0.0210	0.500	8.79	1		
Dibromochloromethane	0.0410	0.500	9.64	1		
Dibromomethane	0.0380	1.00	8.65	1		
Dichlorodifluoromethane	0.0670	1.00	8.93	1		
Ethylbenzene	0.0240	1.00	10.6	1		
Hexachlorobutadiene	0.0610	0.600	9.16	1		
Isopropylbenzene	0.0210	1.00	10.1	1		
Methyl tert-butyl ether	0.0250	5.00	9.14	1		
Methylene chloride	0.0340	1.00	9.09	1		
n-Butylbenzene	0.0130	1.00	8.93	1		
n-Propylbenzene	0.00900	1.00	9.85	1		
Naphthalene	0.0240	1.00	10.4	1		
o-Xylene	0.0140	1.00	11.2	1		
p-Isopropyltoluene	0.0140	1.00	10.2	1		
sec-Butylbenzene	0.0170	1.00	10.4	1		
Styrene	0.0200	1.00	9.91	1		
tert-Butylbenzene	0.0160	1.00	9.92	1		
Tetrachloroethene	0.0300	1.00	11.6	1		Q
Toluene	0.0180	1.00	10.4	1		
trans-1,2-Dichloroethene	0.0270	1.00	10.1	1		
trans-1,3-Dichloropropene	0.0290	1.00	8.62	1		
Trichloroethene	0.0270	1.00	9.73	1		
Trichlorofluoromethane	0.0200	1.00	7.81	1		
Vinyl chloride	0.0380	1.00	9.22	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004AMS	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9158.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	33.8	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	78	72 - 119	
4-Bromofluorobenzene	100	76 - 119	
Dibromofluoromethane	95	85 - 115	
Toluene-d8	107	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1053882	353482 - 1413926	
Chlorobenzene-d5	1045320	383378 - 1533514	
Fluorobenzene	2597938	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9159.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	21.9	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	10.3	1		
1,1,1-Trichloroethane	0.0150	1.00	9.08	1		
1,1,2,2-Tetrachloroethane	0.0810	0.500	9.65	1		
1,1,2-Trichloroethane	0.0280	1.00	9.86	1		
1,1-Dichloroethane	0.0330	1.00	8.93	1		
1,1-Dichloroethene	0.0460	1.00	10.9	1		
1,1-Dichloropropene	0.0240	1.00	9.70	1		
1,2,3-Trichlorobenzene	0.0360	1.00	10.2	1		
1,2,3-Trichloropropane	0.0460	1.00	8.82	1		
1,2,4-Trichlorobenzene	0.0250	1.00	10.1	1		
1,2,4-Trimethylbenzene	0.0120	1.00	9.76	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	7.87	1		
1,2-Dibromoethane	0.0350	1.00	10.6	1		
1,2-Dichlorobenzene	0.0190	1.00	10.5	1		
1,2-Dichloroethane	0.0240	0.500	7.86	1		
1,2-Dichloropropane	0.0260	1.00	9.19	1		
1,3,5-Trimethylbenzene	0.0130	1.00	9.88	1		
1,3-Dichlorobenzene	0.0200	1.00	10.5	1		
1,3-Dichloropropane	0.0230	0.500	9.85	1		
1,4-Dichlorobenzene	0.0170	0.500	10.0	1		
1-Chlorohexane	0.0470	1.00	10.6	1		
2,2-Dichloropropane	0.0820	1.00	7.58	1		
2-Butanone	0.649	10.0	14.7	1		
2-Chlorotoluene	0.0120	1.00	9.62	1		
4-Chlorotoluene	0.0170	1.00	9.73	1		
4-Methyl-2-pentanone	0.375	10.0	15.5	1		
Acetone	0.823	10.0	13.6	1		
Benzene	0.0100	0.500	9.93	1		
Bromobenzene	0.0280	1.00	10.7	1		
Bromochloromethane	0.0590	1.00	10.2	1		
Bromodichloromethane	0.0310	0.500	8.23	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9159.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	9.12	1		
Bromomethane	0.0590	3.00	8.72	1		
Carbon tetrachloride	0.0320	1.00	8.59	1		
Chlorobenzene	0.0110	0.500	11.1	1		
Chloroethane	0.116	1.00	10.1	1		
Chloroform	0.0290	0.500	8.75	1		
Chloromethane	0.126	1.00	9.02	1		
cis-1,2-Dichloroethene	0.0320	1.00	10.5	1		
cis-1,3-Dichloropropene	0.0210	0.500	9.02	1		
Dibromochloromethane	0.0410	0.500	9.65	1		
Dibromomethane	0.0380	1.00	9.03	1		
Dichlorodifluoromethane	0.0670	1.00	9.67	1		
Ethylbenzene	0.0240	1.00	10.5	1		
Hexachlorobutadiene	0.0610	0.600	9.26	1		
Isopropylbenzene	0.0210	1.00	10.6	1		
Methyl tert-butyl ether	0.0250	5.00	9.52	1		
Methylene chloride	0.0340	1.00	9.42	1		
n-Butylbenzene	0.0130	1.00	9.09	1		
n-Propylbenzene	0.00900	1.00	10.1	1		
Naphthalene	0.0240	1.00	10.7	1		
o-Xylene	0.0140	1.00	10.8	1		
p-Isopropyltoluene	0.0140	1.00	10.4	1		
sec-Butylbenzene	0.0170	1.00	10.6	1		
Styrene	0.0200	1.00	9.15	1		
tert-Butylbenzene	0.0160	1.00	10.2	1		
Tetrachloroethene	0.0300	1.00	11.6	1		Q
Toluene	0.0180	1.00	10.6	1		
trans-1,2-Dichloroethene	0.0270	1.00	10.6	1		
trans-1,3-Dichloropropene	0.0290	1.00	8.88	1		
Trichloroethene	0.0270	1.00	10.0	1		
Trichlorofluoromethane	0.0200	1.00	8.19	1		
Vinyl chloride	0.0380	1.00	10.1	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW86-GW	**Lab Sample ID:**	0706097-004AMSD	**Matrix:**	Aqueous
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9159.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	32.7	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	95	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1016239	353482 - 1413926	
Chlorobenzene-d5	1087386	383378 - 1533514	
Fluorobenzene	2632798	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW88-GW	**Lab Sample ID:**	0706097-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3306.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW88-GW	**Lab Sample ID:**	0706097-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3306.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW88-GW	**Lab Sample ID:**	0706097-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3306.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	109	72 - 119	
4-Bromofluorobenzene	88	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	100	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	542412	349954 - 1399814	
Chlorobenzene-d5	1038330	532652 - 2130606	
Fluorobenzene	3017631	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW49-GW	**Lab Sample ID:**	0706097-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3307.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	85.6	1		J
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.250	1		F
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	138	1		J
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	171	1		J
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	106	1		J
1,3-Dichlorobenzene	0.0200	1.00	7.03	1		
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	111	1		J
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.590	1		F
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	1.72	1		FQ
Benzene	0.0100	0.500	3.89	1		Q
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW49-GW	**Lab Sample ID:**	0706097-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3307.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	138	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	7.90	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	26.4	1		
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	22.8	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.220	1		F
n-Butylbenzene	0.0130	1.00	8.68	1		
n-Propylbenzene	0.00900	1.00	15.8	1		
Naphthalene	0.0240	1.00	47.8	1		J
o-Xylene	0.0140	1.00	4.71	1		
p-Isopropyltoluene	0.0140	1.00	15.2	1		
sec-Butylbenzene	0.0170	1.00	10.7	1		
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	4.50	1		
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	2.92	1		
trans-1,2-Dichloroethene	0.0270	1.00	0.930	1		F
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	13.8	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	1.26	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW49-GW	**Lab Sample ID:**	0706097-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3307.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	90.3	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	913005	349954 - 1399814	
Chlorobenzene-d5	1398189	532652 - 2130606	
Fluorobenzene	3249830	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW49-GW DL	**Lab Sample ID:**	0706097-006ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9148.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.280	20.0	126	10		
1,1,1,2-Tetrachloroethane	0.540	5.00	0.540	10		U
1,1,1-Trichloroethane	0.150	10.0	0.150	10		U
1,1,2,2-Tetrachloroethane	0.810	5.00	0.810	10		U
1,1,2-Trichloroethane	0.280	10.0	0.280	10		U
1,1-Dichloroethane	0.330	10.0	0.330	10		U
1,1-Dichloroethene	0.460	10.0	0.460	10		U
1,1-Dichloropropene	0.240	10.0	0.240	10		U
1,2,3-Trichlorobenzene	0.360	10.0	0.360	10		U
1,2,3-Trichloropropane	0.460	10.0	0.460	10		U
1,2,4-Trichlorobenzene	0.250	10.0	0.250	10		U
1,2,4-Trimethylbenzene	0.120	10.0	356	10		
1,2-Dibromo-3-chloropropane	2.61	20.0	2.61	10		U
1,2-Dibromoethane	0.350	10.0	0.350	10		U
1,2-Dichlorobenzene	0.190	10.0	169	10		
1,2-Dichloroethane	0.240	5.00	0.240	10		U
1,2-Dichloropropane	0.260	10.0	0.260	10		U
1,3,5-Trimethylbenzene	0.130	10.0	164	10		
1,3-Dichlorobenzene	0.200	10.0	7.10	10		F
1,3-Dichloropropane	0.230	5.00	0.230	10		U
1,4-Dichlorobenzene	0.170	5.00	106	10		
1-Chlorohexane	0.470	10.0	0.470	10		U
2,2-Dichloropropane	0.820	10.0	0.820	10		U
2-Butanone	6.49	100	6.49	10		U
2-Chlorotoluene	0.120	10.0	0.120	10		U
4-Chlorotoluene	0.170	10.0	0.170	10		U
4-Methyl-2-pentanone	3.75	100	3.75	10		U
Acetone	8.23	100	8.23	10		U
Benzene	0.100	5.00	2.60	10		F
Bromobenzene	0.280	10.0	0.280	10		U
Bromochloromethane	0.590	10.0	0.590	10		U
Bromodichloromethane	0.310	5.00	0.310	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW49-GW DL	**Lab Sample ID:**	0706097-006ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9148.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.470	10.0	0.470	10		U
Bromomethane	0.590	30.0	0.590	10		U
Carbon tetrachloride	0.320	10.0	0.320	10		U
Chlorobenzene	0.110	5.00	335	10		
Chloroethane	1.16	10.0	1.16	10		U
Chloroform	0.290	5.00	0.290	10		U
Chloromethane	1.26	10.0	1.26	10		U
cis-1,2-Dichloroethene	0.320	10.0	6.70	10		F
cis-1,3-Dichloropropene	0.210	5.00	0.210	10		U
Dibromochloromethane	0.410	5.00	0.410	10		U
Dibromomethane	0.380	10.0	0.380	10		U
Dichlorodifluoromethane	0.670	10.0	0.670	10		U
Ethylbenzene	0.240	10.0	25.7	10		
Hexachlorobutadiene	0.610	6.00	0.610	10		U
Isopropylbenzene	0.210	10.0	23.9	10		
Methyl tert-butyl ether	0.250	50.0	0.250	10		U
Methylene chloride	0.340	10.0	0.340	10		U
n-Butylbenzene	0.130	10.0	5.50	10		F
n-Propylbenzene	0.0900	10.0	15.4	10		
Naphthalene	0.240	10.0	66.3	10		
o-Xylene	0.140	10.0	5.30	10		F
p-Isopropyltoluene	0.140	10.0	15.1	10		
sec-Butylbenzene	0.170	10.0	10.2	10		
Styrene	0.200	10.0	0.200	10		U
tert-Butylbenzene	0.160	10.0	4.40	10		F
Tetrachloroethene	0.300	10.0	0.300	10		U
Toluene	0.180	10.0	2.70	10		F
trans-1,2-Dichloroethene	0.270	10.0	0.270	10		U
trans-1,3-Dichloropropene	0.290	10.0	0.290	10		U
Trichloroethene	0.270	10.0	11.6	10		
Trichlorofluoromethane	0.200	10.0	0.200	10		U
Vinyl chloride	0.380	10.0	0.380	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW49-GW DL	**Lab Sample ID:**	0706097-006ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9148.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.420	20.0	131	10		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	92	72 - 119	
4-Bromofluorobenzene	102	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	109	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	842660	353482 - 1413926	
Chlorobenzene-d5	798696	383378 - 1533514	
Fluorobenzene	1900676	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW46-GW	**Lab Sample ID:**	0706097-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3308.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	1.90	1		F
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	25.1	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	5.92	1		
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	13.7	1		
1,3-Dichlorobenzene	0.0200	1.00	0.540	1		F
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	15.7	1		
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	2.78	1		Q
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW46-GW	**Lab Sample ID:**	0706097-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3308.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	112	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.520	1		F
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.460	1		F
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	1.68	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	1.39	1		
n-Propylbenzene	0.00900	1.00	3.24	1		
Naphthalene	0.0240	1.00	5.20	1		
o-Xylene	0.0140	1.00	1.79	1		
p-Isopropyltoluene	0.0140	1.00	2.44	1		
sec-Butylbenzene	0.0170	1.00	1.84	1		
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.850	1		F
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.380	1		F
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.440	1		F

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW46-GW	**Lab Sample ID:**	0706097-007A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3308.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	3.69	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	98	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	102	85 - 115	
Toluene-d8	100	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	912556	349954 - 1399814	
Chlorobenzene-d5	1585964	532652 - 2130606	
Fluorobenzene	4261046	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW46-GW DL	**Lab Sample ID:**	0706097-007ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9191.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.280	20.0	0.280	10		U
1,1,1,2-Tetrachloroethane	0.540	5.00	0.540	10		U
1,1,1-Trichloroethane	0.150	10.0	0.150	10		U
1,1,2,2-Tetrachloroethane	0.810	5.00	0.810	10		U
1,1,2-Trichloroethane	0.280	10.0	0.280	10		U
1,1-Dichloroethane	0.330	10.0	0.330	10		U
1,1-Dichloroethene	0.460	10.0	0.460	10		U
1,1-Dichloropropene	0.240	10.0	0.240	10		U
1,2,3-Trichlorobenzene	0.360	10.0	0.360	10		U
1,2,3-Trichloropropane	0.460	10.0	0.460	10		U
1,2,4-Trichlorobenzene	0.250	10.0	0.250	10		U
1,2,4-Trimethylbenzene	0.120	10.0	19.5	10		
1,2-Dibromo-3-chloropropane	2.61	20.0	2.61	10		U
1,2-Dibromoethane	0.350	10.0	0.350	10		U
1,2-Dichlorobenzene	0.190	10.0	3.60	10		F
1,2-Dichloroethane	0.240	5.00	0.240	10		U
1,2-Dichloropropane	0.260	10.0	0.260	10		U
1,3,5-Trimethylbenzene	0.130	10.0	12.0	10		
1,3-Dichlorobenzene	0.200	10.0	0.200	10		U
1,3-Dichloropropane	0.230	5.00	0.230	10		U
1,4-Dichlorobenzene	0.170	5.00	12.2	10		
1-Chlorohexane	0.470	10.0	0.470	10		U
2,2-Dichloropropane	0.820	10.0	0.820	10		U
2-Butanone	6.49	100	6.49	10		U
2-Chlorotoluene	0.120	10.0	0.120	10		U
4-Chlorotoluene	0.170	10.0	0.170	10		U
4-Methyl-2-pentanone	3.75	100	3.75	10		U
Acetone	8.23	100	8.23	10		U
Benzene	0.100	5.00	1.80	10		F
Bromobenzene	0.280	10.0	0.280	10		U
Bromochloromethane	0.590	10.0	0.590	10		U
Bromodichloromethane	0.310	5.00	0.310	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW46-GW DL	**Lab Sample ID:**	0706097-007ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9191.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.470	10.0	0.470	10		U
Bromomethane	0.590	30.0	0.590	10		U
Carbon tetrachloride	0.320	10.0	0.320	10		U
Chlorobenzene	0.110	5.00	185	10		
Chloroethane	1.16	10.0	1.16	10		U
Chloroform	0.290	5.00	0.290	10		U
Chloromethane	1.26	10.0	1.26	10		U
cis-1,2-Dichloroethene	0.320	10.0	0.320	10		U
cis-1,3-Dichloropropene	0.210	5.00	0.210	10		U
Dibromochloromethane	0.410	5.00	0.410	10		U
Dibromomethane	0.380	10.0	0.380	10		U
Dichlorodifluoromethane	0.670	10.0	0.670	10		U
Ethylbenzene	0.240	10.0	0.240	10		U
Hexachlorobutadiene	0.610	6.00	0.610	10		U
Isopropylbenzene	0.210	10.0	1.50	10		F
Methyl tert-butyl ether	0.250	50.0	0.250	10		U
Methylene chloride	0.340	10.0	0.340	10		U
n-Butylbenzene	0.130	10.0	0.130	10		U
n-Propylbenzene	0.0900	10.0	2.90	10		F
Naphthalene	0.240	10.0	4.00	10		F
o-Xylene	0.140	10.0	1.10	10		FQ
p-Isopropyltoluene	0.140	10.0	1.90	10		F
sec-Butylbenzene	0.170	10.0	1.60	10		F
Styrene	0.200	10.0	0.200	10		U
tert-Butylbenzene	0.160	10.0	0.160	10		U
Tetrachloroethene	0.300	10.0	0.300	10		U
Toluene	0.180	10.0	0.180	10		U
trans-1,2-Dichloroethene	0.270	10.0	0.270	10		U
trans-1,3-Dichloropropene	0.290	10.0	0.290	10		U
Trichloroethene	0.270	10.0	0.270	10		U
Trichlorofluoromethane	0.200	10.0	0.200	10		U
Vinyl chloride	0.380	10.0	0.380	10		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW46-GW DL	**Lab Sample ID:**	0706097-007ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9191.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.420	20.0	1.10	10		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	82	72 - 119	
4-Bromofluorobenzene	97	76 - 119	
Dibromofluoromethane	98	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	755711	353482 - 1413926	
Chlorobenzene-d5	827620	383378 - 1533514	
Fluorobenzene	2039016	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54B-GW	**Lab Sample ID:**	0706097-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3309.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	15.0	1		
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	17.8	1		
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	101	1		J
1,2-Dichloroethane	0.0240	0.500	0.110	1		FQ
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	7.22	1		
1,3-Dichlorobenzene	0.0200	1.00	2.79	1		
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	42.3	1		J
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.310	1		F
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	10.3	1		Q
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54B-GW	**Lab Sample ID:**	0706097-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3309.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	132	1		J
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	17.2	1		
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	7.88	1		
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	4.37	1		
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.550	1		F
n-Propylbenzene	0.00900	1.00	1.70	1		
Naphthalene	0.0240	1.00	6.10	1		
o-Xylene	0.0140	1.00	10.2	1		
p-Isopropyltoluene	0.0140	1.00	0.870	1		F
sec-Butylbenzene	0.0170	1.00	0.540	1		F
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.480	1		F
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	2.58	1		
trans-1,2-Dichloroethene	0.0270	1.00	1.59	1		
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.790	1		F
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	3.50	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54B-GW	**Lab Sample ID:**	0706097-008A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3309.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	25.2	1		

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	72 - 119	
4-Bromofluorobenzene	89	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	1033081	349954 - 1399814	
Chlorobenzene-d5	1788460	532652 - 2130606	
Fluorobenzene	4626421	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54B-GW DL	**Lab Sample ID:**	0706097-008ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9192.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	1.40	100	25.5	50		FQ
1,1,1,2-Tetrachloroethane	2.70	25.0	2.70	50		U
1,1,1-Trichloroethane	0.750	50.0	0.750	50		U
1,1,2,2-Tetrachloroethane	4.05	25.0	4.05	50		U
1,1,2-Trichloroethane	1.40	50.0	1.40	50		U
1,1-Dichloroethane	1.65	50.0	1.65	50		U
1,1-Dichloroethene	2.30	50.0	2.30	50		U
1,1-Dichloropropene	1.20	50.0	1.20	50		U
1,2,3-Trichlorobenzene	1.80	50.0	1.80	50		U
1,2,3-Trichloropropane	2.30	50.0	2.30	50		U
1,2,4-Trichlorobenzene	1.25	50.0	1.25	50		U
1,2,4-Trimethylbenzene	0.600	50.0	24.5	50		F
1,2-Dibromo-3-chloropropane	13.0	100	13.0	50		U
1,2-Dibromoethane	1.75	50.0	1.75	50		U
1,2-Dichlorobenzene	0.950	50.0	132	50		
1,2-Dichloroethane	1.20	25.0	1.20	50		U
1,2-Dichloropropane	1.30	50.0	1.30	50		U
1,3,5-Trimethylbenzene	0.650	50.0	10.0	50		F
1,3-Dichlorobenzene	1.00	50.0	1.00	50		U
1,3-Dichloropropane	1.15	25.0	1.15	50		U
1,4-Dichlorobenzene	0.850	25.0	56.0	50		
1-Chlorohexane	2.35	50.0	2.35	50		U
2,2-Dichloropropane	4.10	50.0	4.10	50		U
2-Butanone	32.4	500	32.4	50		U
2-Chlorotoluene	0.600	50.0	0.600	50		U
4-Chlorotoluene	0.850	50.0	0.850	50		U
4-Methyl-2-pentanone	18.8	500	18.8	50		U
Acetone	41.2	500	41.2	50		U
Benzene	0.500	25.0	13.0	50		F
Bromobenzene	1.40	50.0	1.40	50		U
Bromochloromethane	2.95	50.0	2.95	50		U
Bromodichloromethane	1.55	25.0	1.55	50		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54B-GW DL	**Lab Sample ID:**	0706097-008ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9192.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	2.35	50.0	2.35	50		U
Bromomethane	2.95	150	2.95	50		U
Carbon tetrachloride	1.60	50.0	1.60	50		U
Chlorobenzene	0.550	25.0	890	50		
Chloroethane	5.80	50.0	5.80	50		U
Chloroform	1.45	25.0	1.45	50		U
Chloromethane	6.30	50.0	6.30	50		U
cis-1,2-Dichloroethene	1.60	50.0	25.5	50		F
cis-1,3-Dichloropropene	1.05	25.0	1.05	50		U
Dibromochloromethane	2.05	25.0	2.05	50		U
Dibromomethane	1.90	50.0	1.90	50		U
Dichlorodifluoromethane	3.35	50.0	3.35	50		U
Ethylbenzene	1.20	50.0	10.0	50		F
Hexachlorobutadiene	3.05	30.0	3.05	50		U
Isopropylbenzene	1.05	50.0	6.50	50		F
Methyl tert-butyl ether	1.25	250	1.25	50		U
Methylene chloride	1.70	50.0	1.70	50		U
n-Butylbenzene	0.650	50.0	0.650	50		U
n-Propylbenzene	0.450	50.0	0.450	50		U
Naphthalene	1.20	50.0	17.0	50		F
o-Xylene	0.700	50.0	17.0	50		FQ
p-Isopropyltoluene	0.700	50.0	0.700	50		U
sec-Butylbenzene	0.850	50.0	0.850	50		U
Styrene	1.00	50.0	1.00	50		U
tert-Butylbenzene	0.800	50.0	0.800	50		U
Tetrachloroethene	1.50	50.0	1.50	50		U
Toluene	0.900	50.0	0.900	50		U
trans-1,2-Dichloroethene	1.35	50.0	1.35	50		U
trans-1,3-Dichloropropene	1.45	50.0	1.45	50		U
Trichloroethene	1.35	50.0	1.35	50		U
Trichlorofluoromethane	1.00	50.0	1.00	50		U
Vinyl chloride	1.90	50.0	1.90	50		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW54B-GW DL	**Lab Sample ID:**	0706097-008ADL	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9192.D
Date Received:	19-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	2.10	100	42.5	50		FQ

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	82	72 - 119	
4-Bromofluorobenzene	94	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	105	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	695571	353482 - 1413926	
Chlorobenzene-d5	810838	383378 - 1533514	
Fluorobenzene	2014336	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB07	**Lab Sample ID:**	0706109-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9152.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB07	**Lab Sample ID:**	0706109-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9152.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TB07	**Lab Sample ID:**	0706109-001A	**Matrix:**	Water Q
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9152.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	25-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	96	72 - 119	
4-Bromofluorobenzene	96	76 - 119	
Dibromofluoromethane	106	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	612061	353482 - 1413926	
Chlorobenzene-d5	723978	383378 - 1533514	
Fluorobenzene	1784480	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW92-GW	**Lab Sample ID:**	0706109-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9193.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW92-GW	**Lab Sample ID:**	0706109-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9193.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.190	1		F
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	5.86	1		Q
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	1.54	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW92-GW	**Lab Sample ID:**	0706109-002A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9193.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	85	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	105	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	671221	353482 - 1413926	
Chlorobenzene-d5	767683	383378 - 1533514	
Fluorobenzene	1931483	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW93-GW	**Lab Sample ID:**	0706109-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9194.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW93-GW	**Lab Sample ID:**	0706109-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9194.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.0110	1		U
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	3.94	1		Q
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	2.00	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW93-GW	**Lab Sample ID:**	0706109-003A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	986	**File ID:**	T9194.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	26-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	85	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	100	85 - 115	
Toluene-d8	104	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	647027	353482 - 1413926	
Chlorobenzene-d5	763694	383378 - 1533514	
Fluorobenzene	1949310	866434 - 3465734	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW94-GW	**Lab Sample ID:**	0706109-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3312.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.200	1		F
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.140	1		F
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.160	1		F
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.120	1		F
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW94-GW	**Lab Sample ID:**	0706109-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3312.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.310	1		F
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	3.84	1		
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	1.91	1		
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW94-GW	**Lab Sample ID:**	0706109-004A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3312.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	72 - 119	
4-Bromofluorobenzene	91	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	99	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	730225	349954 - 1399814	
Chlorobenzene-d5	1258119	532652 - 2130606	
Fluorobenzene	3789691	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW91-GW	**Lab Sample ID:**	0706109-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3313.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW91-GW	**Lab Sample ID:**	0706109-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3313.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	µg/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.180	1		F
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW91-GW	**Lab Sample ID:**	0706109-005A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3313.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	104	72 - 119	
4-Bromofluorobenzene	93	76 - 119	
Dibromofluoromethane	104	85 - 115	
Toluene-d8	101	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	662422	349954 - 1399814	
Chlorobenzene-d5	1184623	532652 - 2130606	
Fluorobenzene	3522323	1485912 - 5943646	

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW90-GW	**Lab Sample ID:**	0706109-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3314.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
(m+p)-Xylene	0.0280	2.00	0.0280	1		U
1,1,1,2-Tetrachloroethane	0.0540	0.500	0.0540	1		U
1,1,1-Trichloroethane	0.0150	1.00	0.0150	1		U
1,1,2,2-Tetrachloroethane	0.0810	0.500	0.0810	1		U
1,1,2-Trichloroethane	0.0280	1.00	0.0280	1		U
1,1-Dichloroethane	0.0330	1.00	0.0330	1		U
1,1-Dichloroethene	0.0460	1.00	0.0460	1		U
1,1-Dichloropropene	0.0240	1.00	0.0240	1		U
1,2,3-Trichlorobenzene	0.0360	1.00	0.0360	1		U
1,2,3-Trichloropropane	0.0460	1.00	0.0460	1		U
1,2,4-Trichlorobenzene	0.0250	1.00	0.0250	1		U
1,2,4-Trimethylbenzene	0.0120	1.00	0.0120	1		U
1,2-Dibromo-3-chloropropane	0.261	2.00	0.261	1		U
1,2-Dibromoethane	0.0350	1.00	0.0350	1		U
1,2-Dichlorobenzene	0.0190	1.00	0.0190	1		U
1,2-Dichloroethane	0.0240	0.500	0.0240	1		U
1,2-Dichloropropane	0.0260	1.00	0.0260	1		U
1,3,5-Trimethylbenzene	0.0130	1.00	0.0130	1		U
1,3-Dichlorobenzene	0.0200	1.00	0.0200	1		U
1,3-Dichloropropane	0.0230	0.500	0.0230	1		U
1,4-Dichlorobenzene	0.0170	0.500	0.0170	1		U
1-Chlorohexane	0.0470	1.00	0.0470	1		U
2,2-Dichloropropane	0.0820	1.00	0.0820	1		U
2-Butanone	0.649	10.0	0.649	1		U
2-Chlorotoluene	0.0120	1.00	0.0120	1		U
4-Chlorotoluene	0.0170	1.00	0.0170	1		U
4-Methyl-2-pentanone	0.375	10.0	0.375	1		U
Acetone	0.823	10.0	0.823	1		U
Benzene	0.0100	0.500	0.0100	1		U
Bromobenzene	0.0280	1.00	0.0280	1		U
Bromochloromethane	0.0590	1.00	0.0590	1		U
Bromodichloromethane	0.0310	0.500	0.0310	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW90-GW	**Lab Sample ID:**	0706109-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3314.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Bromoform	0.0470	1.00	0.0470	1		U
Bromomethane	0.0590	3.00	0.0590	1		U
Carbon tetrachloride	0.0320	1.00	0.0320	1		U
Chlorobenzene	0.0110	0.500	0.150	1		F
Chloroethane	0.116	1.00	0.116	1		U
Chloroform	0.0290	0.500	0.0290	1		U
Chloromethane	0.126	1.00	0.126	1		U
cis-1,2-Dichloroethene	0.0320	1.00	0.0320	1		U
cis-1,3-Dichloropropene	0.0210	0.500	0.0210	1		U
Dibromochloromethane	0.0410	0.500	0.0410	1		U
Dibromomethane	0.0380	1.00	0.0380	1		U
Dichlorodifluoromethane	0.0670	1.00	0.0670	1		U
Ethylbenzene	0.0240	1.00	0.0240	1		U
Hexachlorobutadiene	0.0610	0.600	0.0610	1		U
Isopropylbenzene	0.0210	1.00	0.0210	1		U
Methyl tert-butyl ether	0.0250	5.00	0.0250	1		U
Methylene chloride	0.0340	1.00	0.0340	1		U
n-Butylbenzene	0.0130	1.00	0.0130	1		U
n-Propylbenzene	0.00900	1.00	0.00900	1		U
Naphthalene	0.0240	1.00	0.0240	1		U
o-Xylene	0.0140	1.00	0.0140	1		U
p-Isopropyltoluene	0.0140	1.00	0.0140	1		U
sec-Butylbenzene	0.0170	1.00	0.0170	1		U
Styrene	0.0200	1.00	0.0200	1		U
tert-Butylbenzene	0.0160	1.00	0.0160	1		U
Tetrachloroethene	0.0300	1.00	0.0300	1		U
Toluene	0.0180	1.00	0.0180	1		U
trans-1,2-Dichloroethene	0.0270	1.00	0.0270	1		U
trans-1,3-Dichloropropene	0.0290	1.00	0.0290	1		U
Trichloroethene	0.0270	1.00	0.0270	1		U
Trichlorofluoromethane	0.0200	1.00	0.0200	1		U
Vinyl chloride	0.0380	1.00	0.0380	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method:	SW8260B	**Preparatory Method:**		**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**			
Field Sample ID:	AOC9-TW90-GW	**Lab Sample ID:**	0706109-006A	**Matrix:**	Groundwater
% Solids:	0	**Initial Calibration ID:**	973	**File ID:**	J3314.D
Date Received:	20-Jun-07	**Date Extracted:**		**Date Analyzed:**	21-Jun-07
Concentration Units (ug/L or mg/Kg dry weight):	ug/L			**Sample Size:**	10 mL

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Xylenes (total)	0.0420	2.00	0.0420	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	106	72 - 119	
4-Bromofluorobenzene	88	76 - 119	
Dibromofluoromethane	105	85 - 115	
Toluene-d8	98	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	570033	349954 - 1399814	
Chlorobenzene-d5	1068281	532652 - 2130606	
Fluorobenzene	3221122	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

AOC9-TW90-GW

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 0706097O

Matrix: (soil/water) WATER Lab Sample ID: 0706109-006A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J3314.D

Level: LOW Date Received: 6/20/2007

% Moisture: not dec. Date Analyzed: 6/21/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 4 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	2.72	28.2	JB
2.	006004-38-2	4,7-Methano-1H-indene, octahyd	20.55	89.1	JN
3.	000281-23-2	Adamantane	21.17	1.04	JN
4.	006004-38-2	4,7-Methano-1H-indene, octahyd	21.30	3.04	JN

Quality Control Results

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#3

Date of Initial Calibration: 01JUN07

Initial Calibration ID: 973

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration

ICAL#973

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.337	0.320	0.263	0.322	0.341	0.340	0.323	8.58
3)	P	Chloromethane	0.360	0.325	0.303	0.369	0.387	0.381	0.355	8.51
4)	CP	Vinyl chloride	0.293	0.274	0.252	0.331	0.360	0.360	0.317	13.79
5)		Bromomethane	0.261	0.264	0.257	0.254	0.253	0.246	0.256	2.28
6)		Chloroethane	0.258	0.213	0.195	0.234	0.242	0.234	0.228	8.91
7)		Trichlorofluorometh	0.408	0.405	0.394	0.484	0.496	0.484	0.450	10.10
8)		Acetone	0.036	0.031	0.029	0.036	0.037	0.037	0.034	9.30
9)		Acrolein	0.016	0.018	0.019	0.025	0.027	0.026	0.022	20.58
10)	CPM	1,1-Dichloroethene	0.149	0.162	0.154	0.188	0.199	0.197	0.179	12.99
11)		Methyl iodide	0.098	0.098	0.127	0.185	0.236	0.249	0.182	41.91
12)		1,1,2-Trichloro-1,2	0.192	0.187	0.173	0.216	0.219	0.213	0.203	9.02
13)		Methyl acetate	0.111	0.086	0.074	0.080	0.089	0.089	0.087	13.48
14)		Acrylonitrile	0.026	0.030	0.038	0.047	0.052	0.050	0.042	25.16
15)		Methylene chloride	0.396	0.363	0.253	0.250	0.262	0.253	0.290	21.45
16)		Carbon disulfide	0.636	0.644	0.589	0.716	0.756	0.737	0.687	9.16
17)		trans-1,2-Dichloroe	0.213	0.200	0.176	0.215	0.239	0.235	0.217	10.73
18)		Methyl tert-Butyl e	0.350	0.344	0.345	0.420	0.476	0.474	0.414	16.20
19)	P	1,1-Dichloroethane	0.355	0.338	0.327	0.414	0.443	0.427	0.387	11.98
20)		Vinyl acetate	0.123	0.098	0.153	0.211	0.251	0.249	0.189	33.76
21)		2-Butanone	0.039	0.040	0.041	0.051	0.057	0.055	0.048	15.96
22)		cis-1,2-Dichloroeth	0.216	0.204	0.200	0.251	0.275	0.270	0.242	13.95
23)		Bromochloromethane	0.089	0.097	0.094	0.109	0.115	0.112	0.105	11.08
24)	CP	Chloroform	0.353	0.327	0.334	0.399	0.428	0.415	0.380	10.84
25)		2,2-Dichloropropane	0.196	0.186	0.186	0.229	0.265	0.272	0.233	19.38
26)		Cyclohexane	0.229	0.222	0.248	0.399	0.422	0.410	0.331	28.00
27)	S	Dibromofluoromethan	0.201	0.177	0.169	0.201	0.212	0.207	0.197	9.01
28)	S	1,2-Dichloroethane-	0.206	0.182	0.181	0.213	0.222	0.215	0.202	7.99 *
29)		1,2-Dichloroethane	0.204	0.200	0.198	0.250	0.269	0.258	0.231	12.98
30)		1,1,1-Trichloroetha	0.249	0.234	0.238	0.294	0.333	0.338	0.290	17.07
31)		1,1-Dichloropropene	0.223	0.216	0.226	0.315	0.342	0.331	0.282	20.34
32)		Carbon tetrachlorid	0.138	0.138	0.141	0.171	0.203	0.210	0.177	22.63
33)	M	Benzene	0.879	0.871	0.850	1.079	1.148	1.094	0.995	12.52
34)	M	Trichloroethene	0.239	0.233	0.214	0.255	0.272	0.268	0.253	10.34
35)		Dibromomethane	0.103	0.092	0.104	0.119	0.125	0.122	0.112	11.12
36)		Methylcyclohexane	0.273	0.268	0.268	0.386	0.414	0.398	0.344	20.34
37)	CP	1,2-Dichloropropane	0.214	0.197	0.193	0.235	0.259	0.250	0.227	11.26
38)		Bromodichloromethan	0.213	0.205	0.209	0.256	0.283	0.281	0.248	15.00
39)		2-Chloroethylvinyl	0.005	0.011	0.013	0.021	0.031	0.033	0.022	57.21
40)		4-Methyl-2-pentanon	0.058	0.075	0.078	0.111	0.128	0.128	0.099	28.79
41)		cis-1,3-Dichloropro	0.185	0.199	0.214	0.285	0.346	0.352	0.278	28.12
42)	S	Toluene-d8	0.603	0.636	0.628	0.820	0.877	0.850	0.753	16.46
43)	CPM	Toluene	0.422	0.439	0.466	0.622	0.674	0.649	0.562	20.17

OK @ 6-7-07 * changed from Average Response factors to Linear Regression

(#) = Out of Range ### Number of calibration levels exceeded format ###
J601VOCW.M Thu Jun 07 08:41:15 2007 ABM 6-7-07 Pa

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:37:12 2007
Response via : Initial Calibration

Calibration Files
0.3 =J3001.D 0.5 =J3002.D 2.0 =J3003.D
10 =J3004.D 20 =J3005.D 30 =J3006.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.124	0.136	0.164	0.213	0.262	0.274	0.209	32.64
45)		1,1,2-Trichloroetha	0.121	0.128	0.123	0.151	0.167	0.156	0.144	13.22
46)		2-Hexanone	0.035	0.036	0.047	0.071	0.086	0.087	0.063	36.87
47)		1,2-Dibromoethane	0.132	0.117	0.119	0.151	0.170	0.166	0.147	16.78
48)	I	Chlorobenzene-d5	----------	ISTD	----------					
49)		1,3-Dichloropropane	0.751	0.729	0.730	0.863	0.954	0.903	0.834	11.43
50)		Dibromochloromethan	0.291	0.339	0.297	0.385	0.477	0.481	0.404	25.38
51)		Tetrachloroethene	0.563	0.542	0.564	0.610	0.639	0.628	0.609	9.77
52)		1-Chlorohexane	0.447	0.481	0.426	0.708	0.818	0.808	0.652	29.85
53)		1,1,1,2-Tetrachloro	0.399	0.389	0.288	0.429	0.522	0.519	0.450	23.36
54)	PM	Chlorobenzene	1.753	1.691	1.441	1.709	1.861	1.780	1.736	8.83
55)	CP	Ethylbenzene	2.543	2.297	2.269	2.902	3.184	2.995	2.749	13.63
56)		(m+p)-Xylene	0.672	0.690	0.711	0.993	1.097	1.057	0.909	22.97
57)		o-Xylene	0.630	0.558	0.622	0.914	1.055	1.026	0.847	28.04
58)		Styrene	0.761	0.878	0.913	1.478	1.758	1.719	1.339	35.34
59)	P	Bromoform	0.143	0.128	0.129	0.176	0.229	0.232	0.188	31.70
60)	S	Bromofluorobenzene	1.270	0.522	0.453	0.646	0.723	0.710	0.726	36.44
61)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
62)		trans-1,4-Dichloro-	0.334	0.325	0.409	0.496	0.525	0.509	0.441	19.16
63)	P	1,1,2,2-Tetrachloro	0.777	0.774	0.812	0.885	0.917	0.850	0.832	6.52
64)		Isopropylbenzene	2.318	2.318	2.659	3.812	4.060	3.856	3.255	24.10
65)		1,2,3-Trichloroprop	0.723	0.745	0.589	0.713	0.711	0.672	0.682	8.45
66)		Bromobenzene	0.734	0.701	0.745	0.890	0.947	0.922	0.844	13.46
67)		n-Propylbenzene	2.531	2.600	3.029	4.419	4.676	4.430	3.695	25.33
68)		2-Chlorotoluene	1.875	1.826	2.210	2.851	3.019	2.907	2.498	20.50
69)		4-Chlorotoluene	1.634	1.589	1.957	2.535	2.680	2.575	2.207	21.19
70)		1,3,5-Trimethylbenz	1.633	1.611	1.998	2.871	3.004	2.852	2.402	26.11
71)		tert-Butylbenzene	1.336	1.422	1.525	2.344	2.520	2.430	2.006	27.23
72)		1,2,4-Trimethylbenz	1.498	1.525	1.988	2.740	2.854	2.715	2.291	26.36
73)		sec-Butylbenzene	2.058	1.967	2.563	3.608	3.832	3.638	3.032	26.66
74)		1,3-Dichlorobenzene	1.296	1.262	1.302	1.571	1.644	1.613	1.476	12.18
75)		p-Isopropyltoluene	1.444	1.457	1.735	2.671	2.882	2.763	2.255	29.88
76)		1,4-Dichlorobenzene	1.409	1.404	1.336	1.534	1.622	1.571	1.501	7.80
77)		n-Butylbenzene	1.731	1.575	1.611	2.257	2.412	2.283	2.024	18.08
78)		1,2-Dichlorobenzene	1.186	1.194	1.207	1.455	1.576	1.524	1.388	13.31
79)		1,2-Dibromo-3-chlor	0.018	0.085	0.063	0.083	0.099	0.102	0.079	38.15
80)		1,2,4-Trichlorobenz	0.633	0.583	0.601	0.756	0.843	0.824	0.735	17.47
81)		Hexachlorobutadiene	0.302	0.239	0.248	0.298	0.327	0.309	0.294	12.41
82)		Naphthalene	1.142	1.070	1.016	1.619	1.801	1.727	1.445	24.33
83)		1,2,3-Trichlorobenz	0.551	0.632	0.558	0.722	0.778	0.753	0.689	15.91

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.337		
3)	P	Chloromethane	0.357		
4)	CP	Vinyl chloride	0.347		
5)		Bromomethane	0.254		
6)		Chloroethane	0.223		
7)		Trichlorofluorometh	0.483		
8)		Acetone	0.032		
9)		Acrolein	0.023		
10)	CPM	1,1-Dichloroethene	0.203		
11)		Methyl iodide	0.284		
12)		1,1,2-Trichloro-1,2	0.218		
13)		Methyl acetate	0.081		
14)		Acrylonitrile	0.047		
15)		Methylene chloride	0.251		
16)		Carbon disulfide	0.728		
17)		trans-1,2-Dichloroe	0.239		
18)		Methyl tert-Butyl e	0.490		
19)	P	1,1-Dichloroethane	0.407		
20)		Vinyl acetate	0.238		
21)		2-Butanone	0.051		
22)		cis-1,2-Dichloroeth	0.275		
23)		Bromochloromethane	0.119		
24)	CP	Chloroform	0.405		
25)		2,2-Dichloropropane	0.296		
26)		Cyclohexane	0.388		
27)	S	Dibromofluoromethan	0.216		
28)	S	1,2-Dichloroethane-	0.198		
29)		1,2-Dichloroethane	0.236		
30)		1,1,1-Trichloroetha	0.345		
31)		1,1-Dichloropropene	0.324		
32)		Carbon tetrachlorid	0.235		
33)	M	Benzene	1.048		
34)	M	Trichloroethene	0.290		
35)		Dibromomethane	0.121		
36)		Methylcyclohexane	0.401		
37)	CP	1,2-Dichloropropane	0.239		
38)		Bromodichloromethan	0.285		
39)		2-Chloroethylvinyl	0.037		
40)		4-Methyl-2-pentanon	0.116		
41)		cis-1,3-Dichloropro	0.365		
42)	S	Toluene-d8	0.859		
43)	CPM	Toluene	0.659		

(#) = Out of Range ### Number of calibration levels exceeded format ###

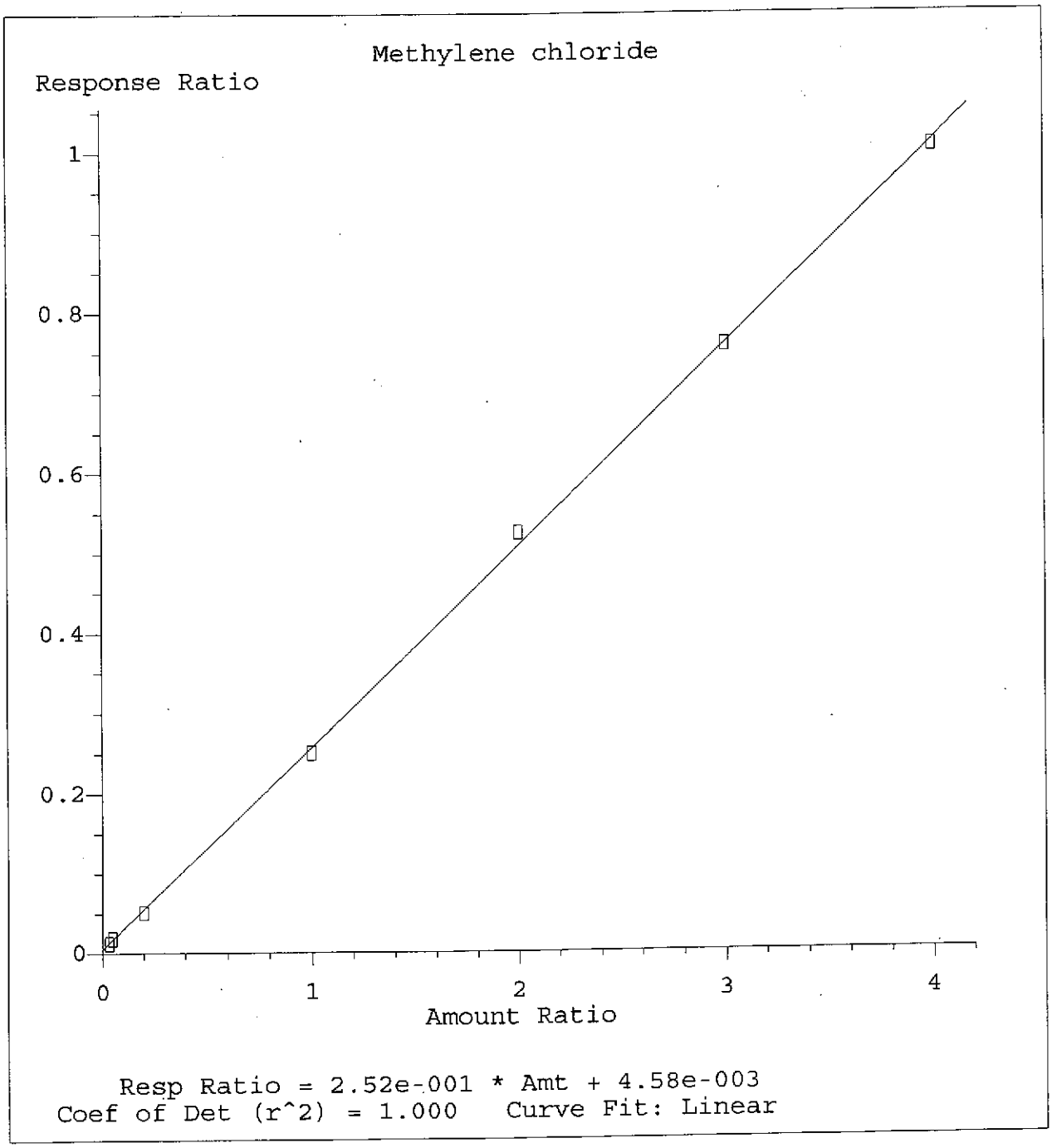
Response Factor Report #3MS10

Method : C:\HPCHEM\1\METHODS\J601VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 07 08:44:26 2007
Response via : Initial Calibration

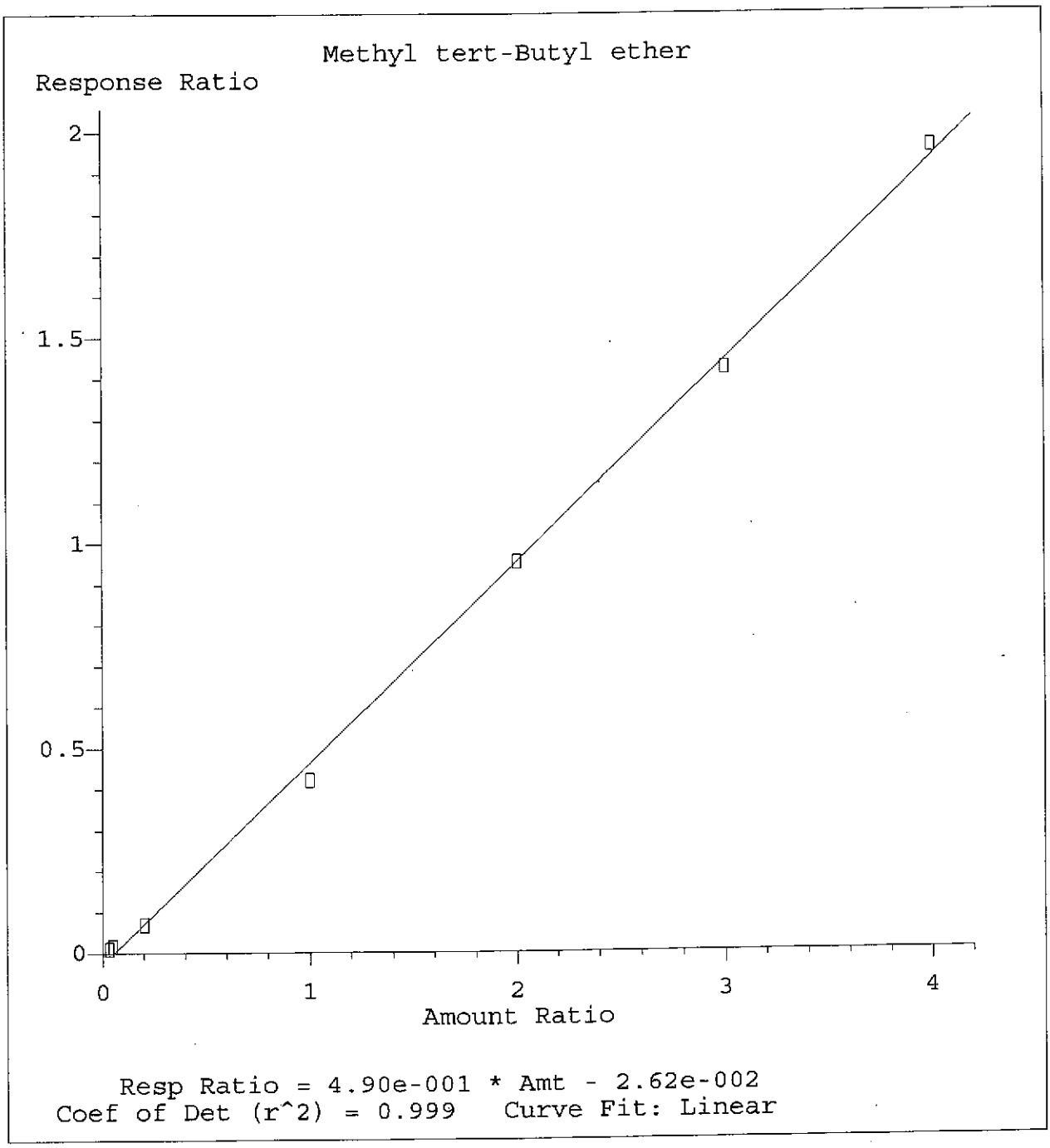
Calibration Files
40 =J3007.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.288		
45)		1,1,2-Trichloroetha	0.158		
46)		2-Hexanone	0.080		
47)		1,2-Dibromoethane	0.176		
48)	I	Chlorobenzene-d5	----------ISTD-----		
49)		1,3-Dichloropropane	0.910		
50)		Dibromochloromethan	0.555		
51)		Tetrachloroethene	0.716		
52)		1-Chlorohexane	0.875		
53)		1,1,1,2-Tetrachloro	0.603		
54)	PM	Chlorobenzene	1.918		
55)	CP	Ethylbenzene	3.052		
56)		(m+p)-Xylene	1.142		
57)		o-Xylene	1.125		
58)		Styrene	1.865		
59)	P	Bromoform	0.280		
60)	S	Bromofluorobenzene	0.755		
61)	I	1,4-Dichlorobenzene-d	----------ISTD-----		
62)		trans-1,4-Dichloro-	0.489		
63)	P	1,1,2,2-Tetrachloro	0.808		
64)		Isopropylbenzene	3.766		
65)		1,2,3-Trichloroprop	0.621		
66)		Bromobenzene	0.972		
67)		n-Propylbenzene	4.177		
68)		2-Chlorotoluene	2.795		
69)		4-Chlorotoluene	2.480		
70)		1,3,5-Trimethylbenz	2.841		
71)		tert-Butylbenzene	2.466		
72)		1,2,4-Trimethylbenz	2.716		
73)		sec-Butylbenzene	3.561		
74)		1,3-Dichlorobenzene	1.648		
75)		p-Isopropyltoluene	2.833		
76)		1,4-Dichlorobenzene	1.629		
77)		n-Butylbenzene	2.297		
78)		1,2-Dichlorobenzene	1.577		
79)		1,2-Dibromo-3-chlor	0.101		
80)		1,2,4-Trichlorobenz	0.901		
81)		Hexachlorobutadiene	0.332		
82)		Naphthalene	1.742		
83)		1,2,3-Trichlorobenz	0.828		

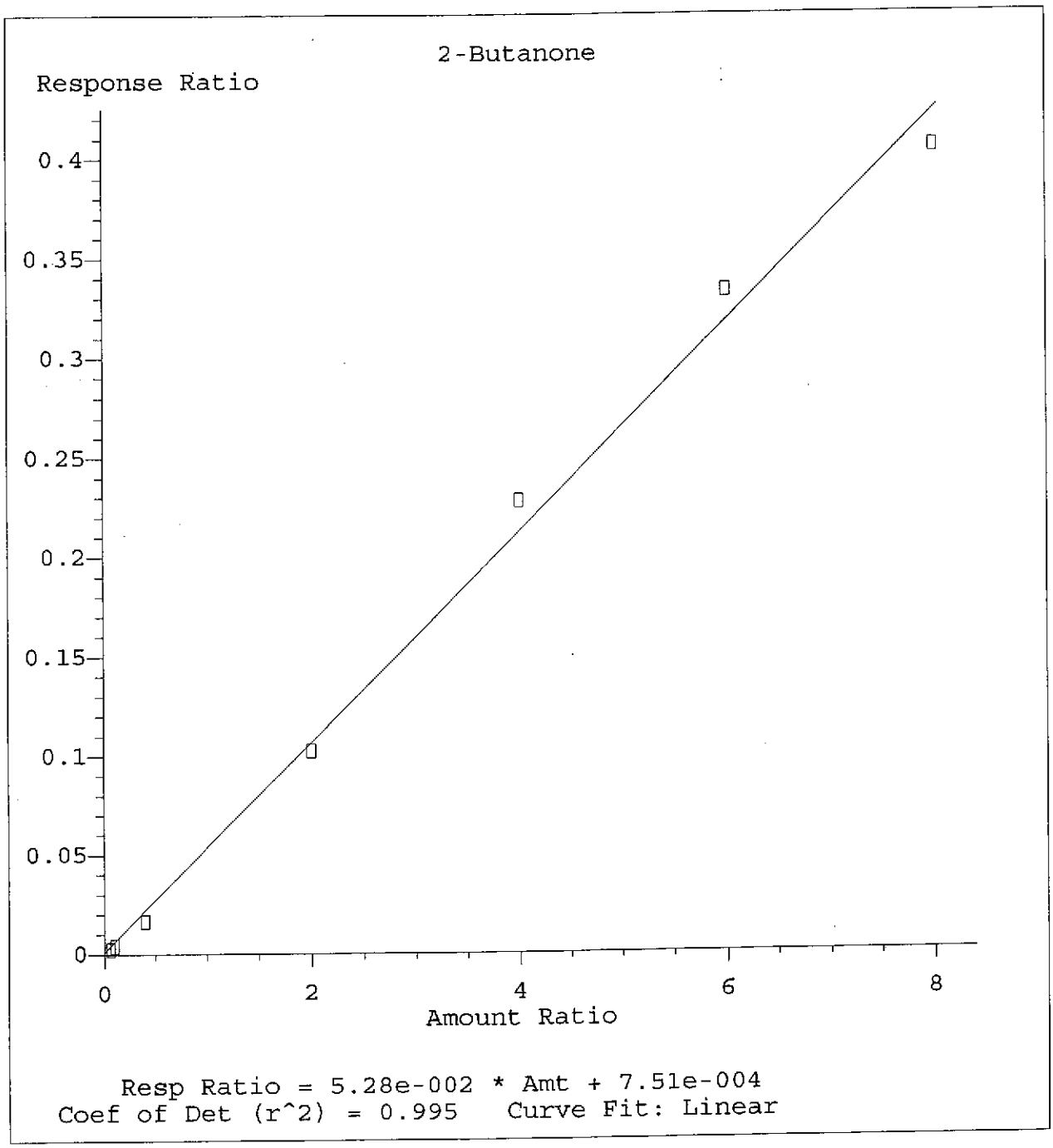
(#) = Out of Range ### Number of calibration levels exceeded format ###



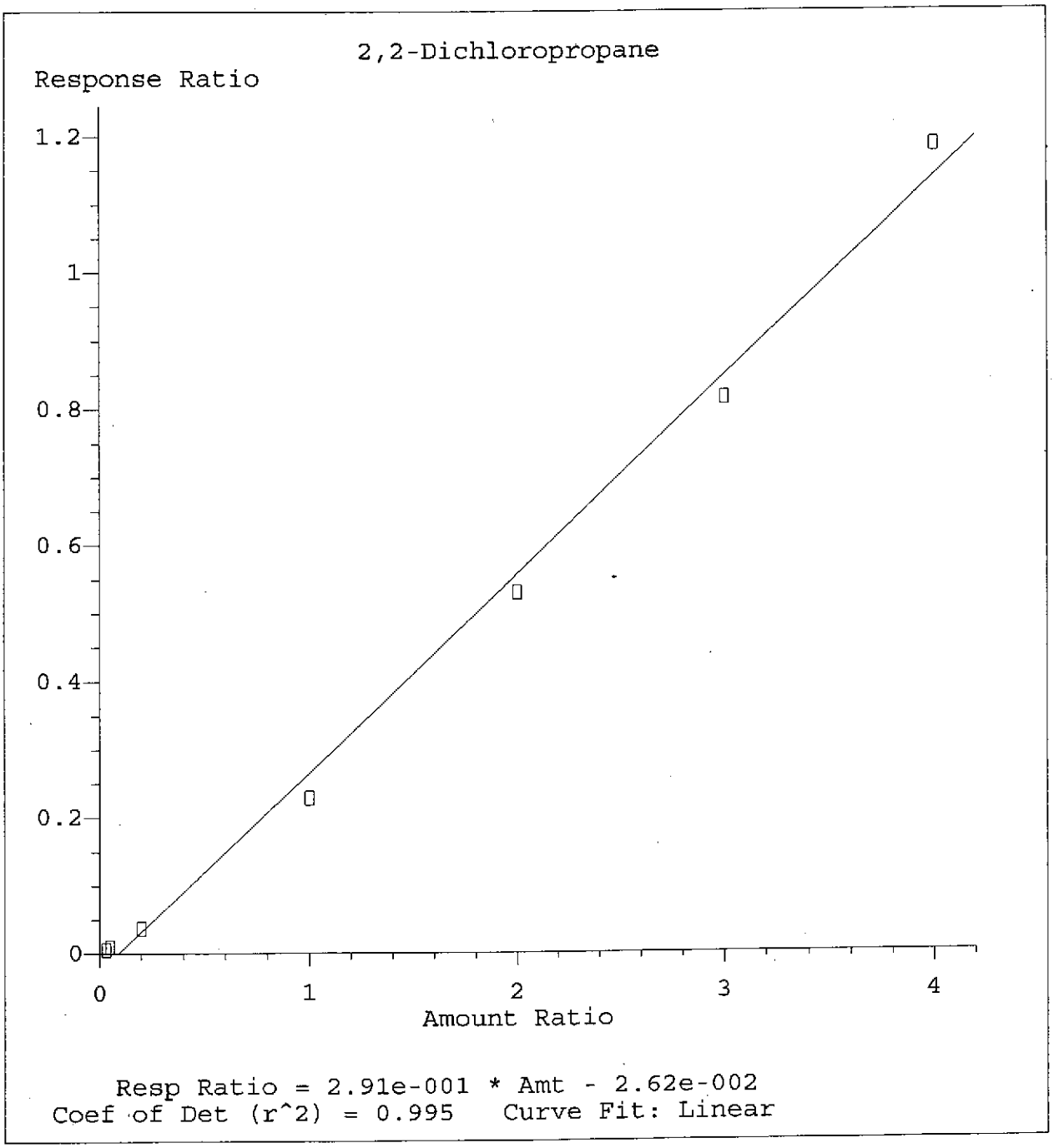
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:00:12 2007



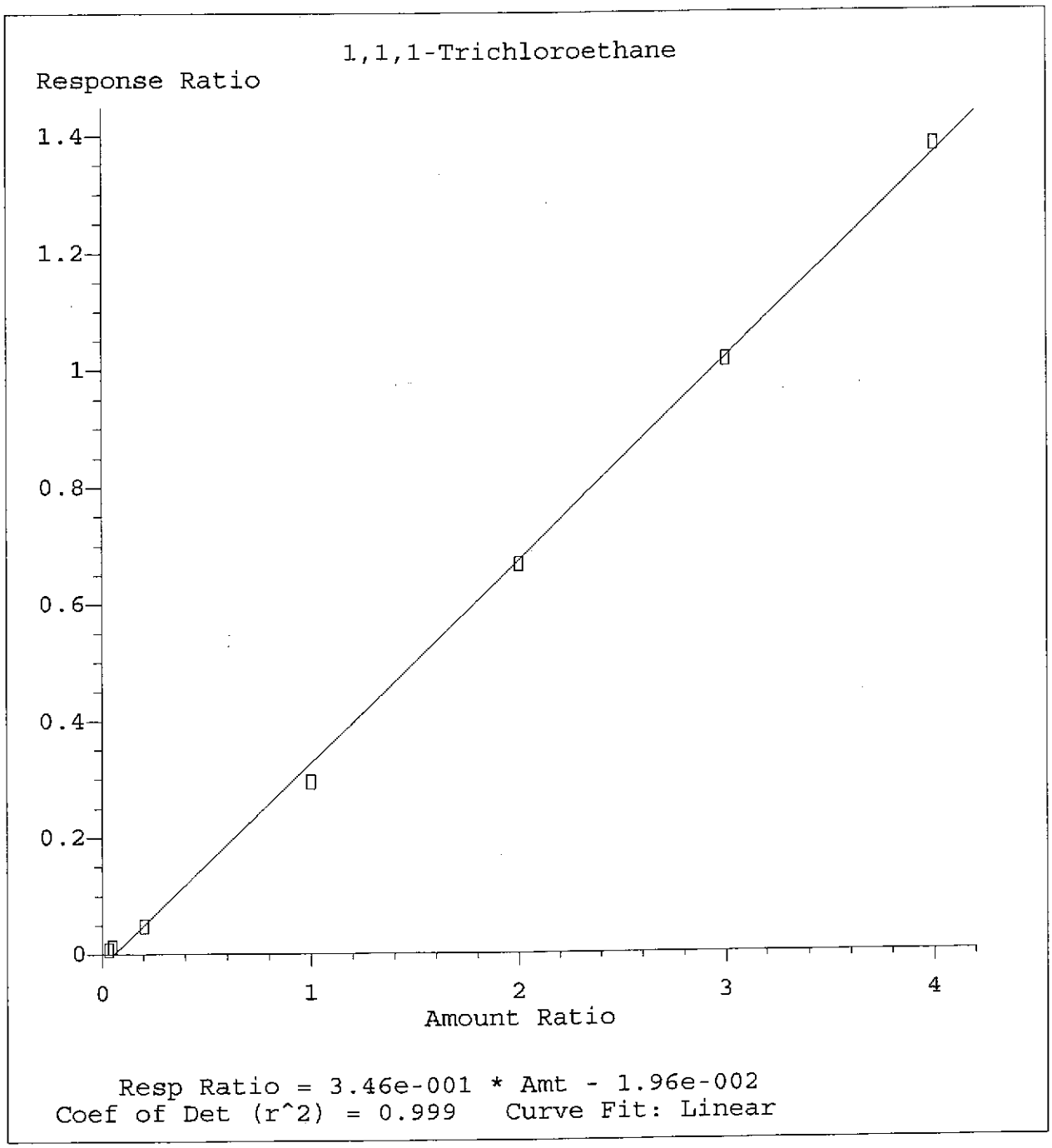
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:00:38 2007



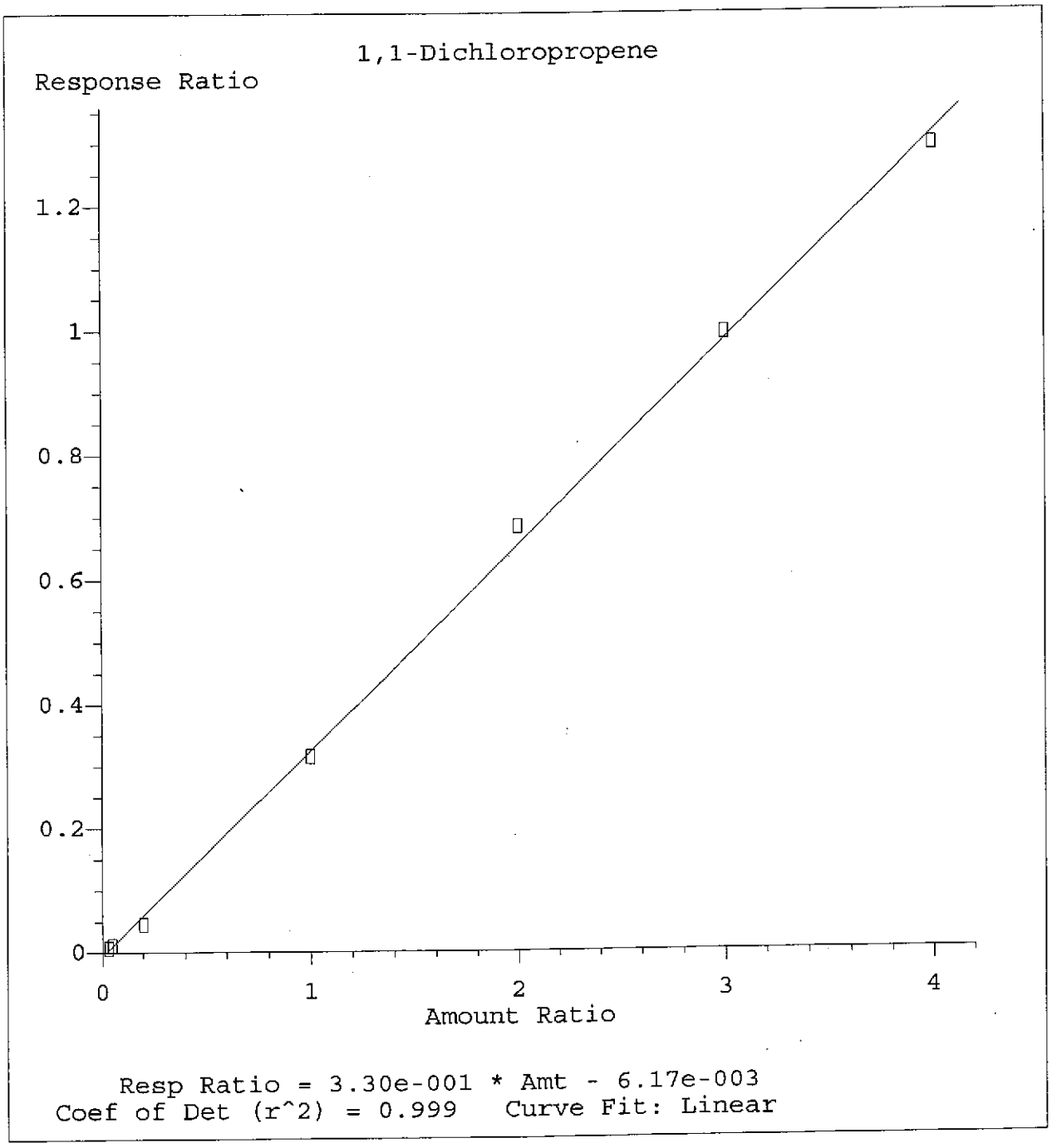
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:01:16 2007



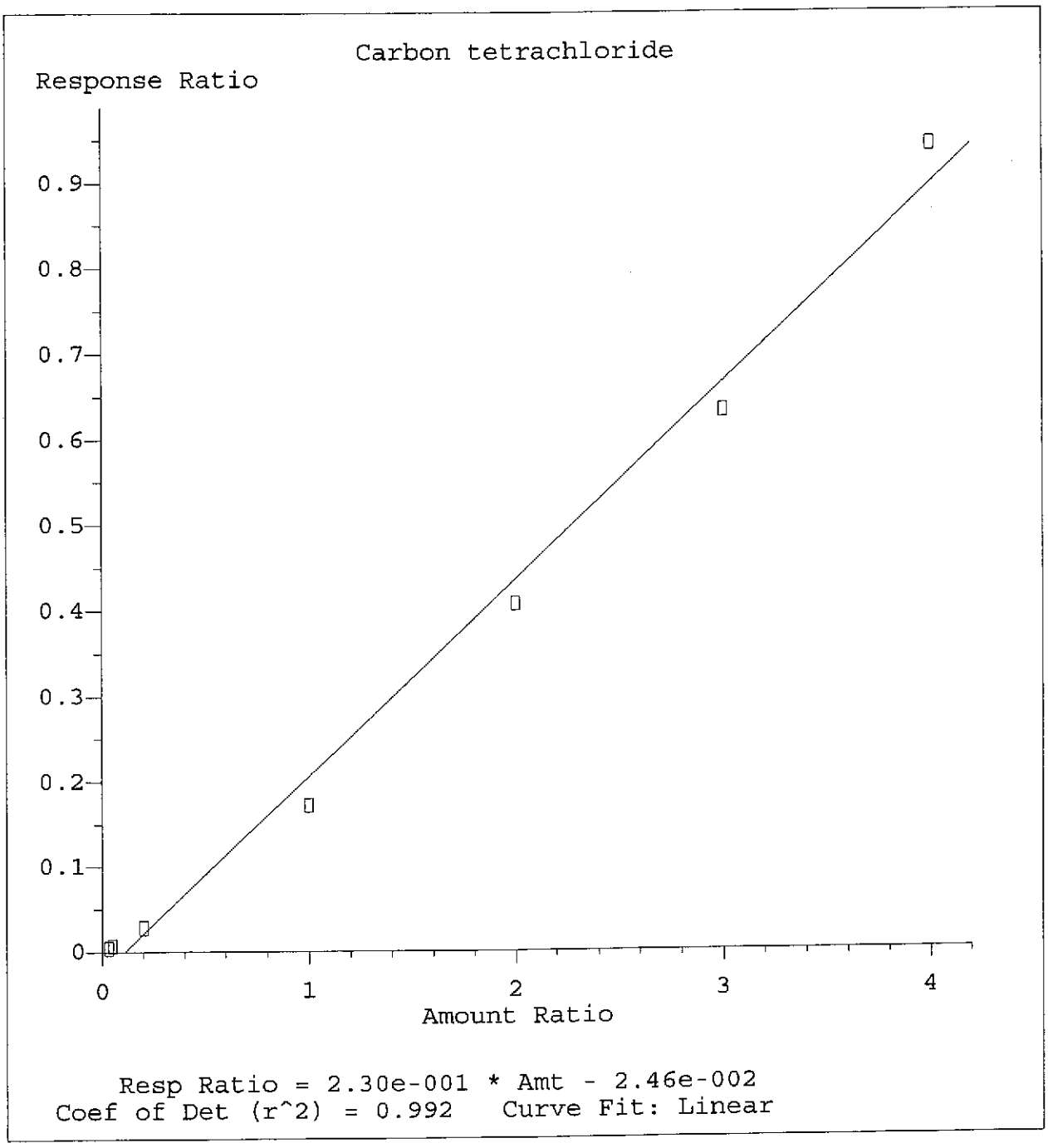
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:01:34 2007



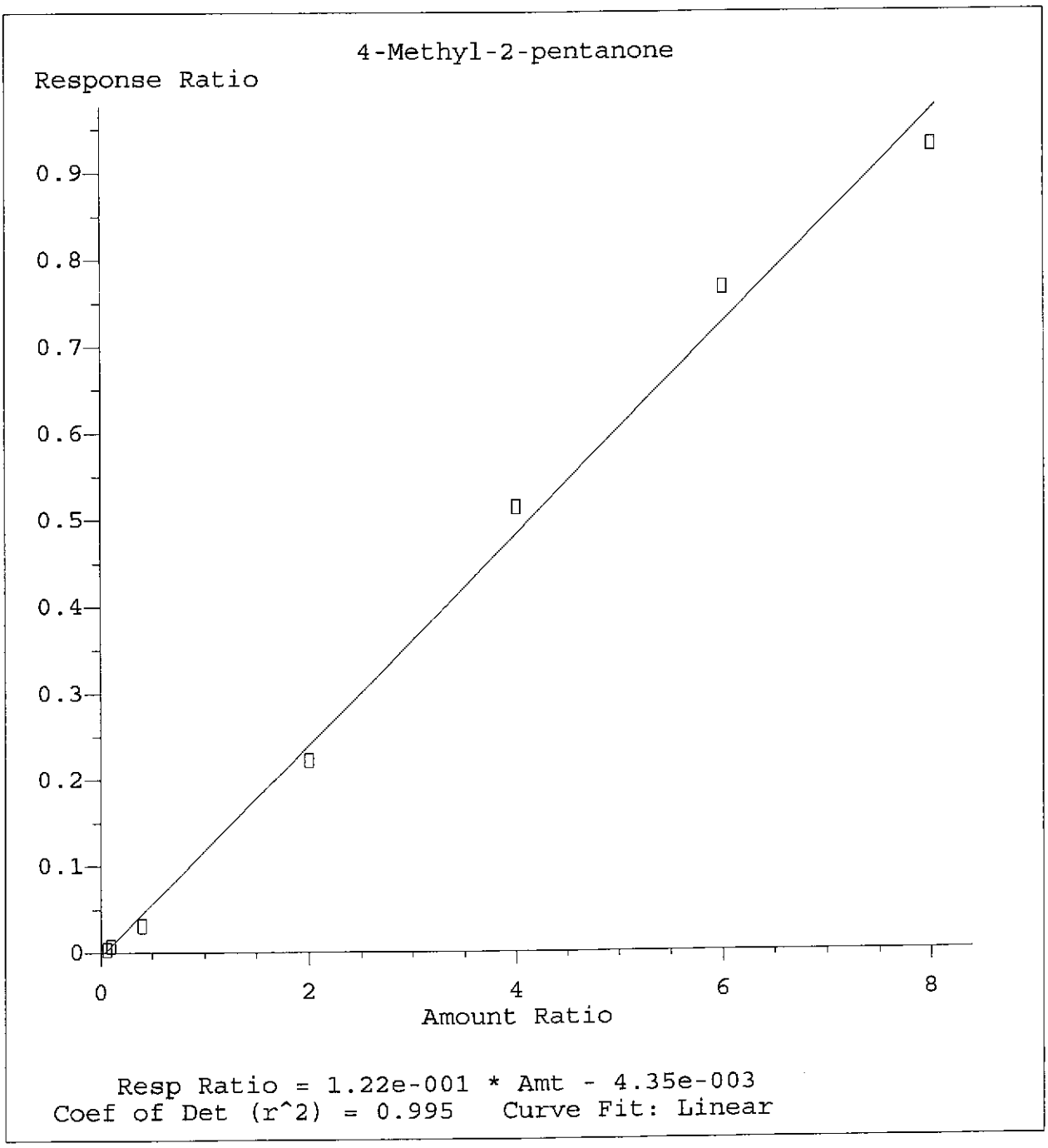
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:02:13 2007



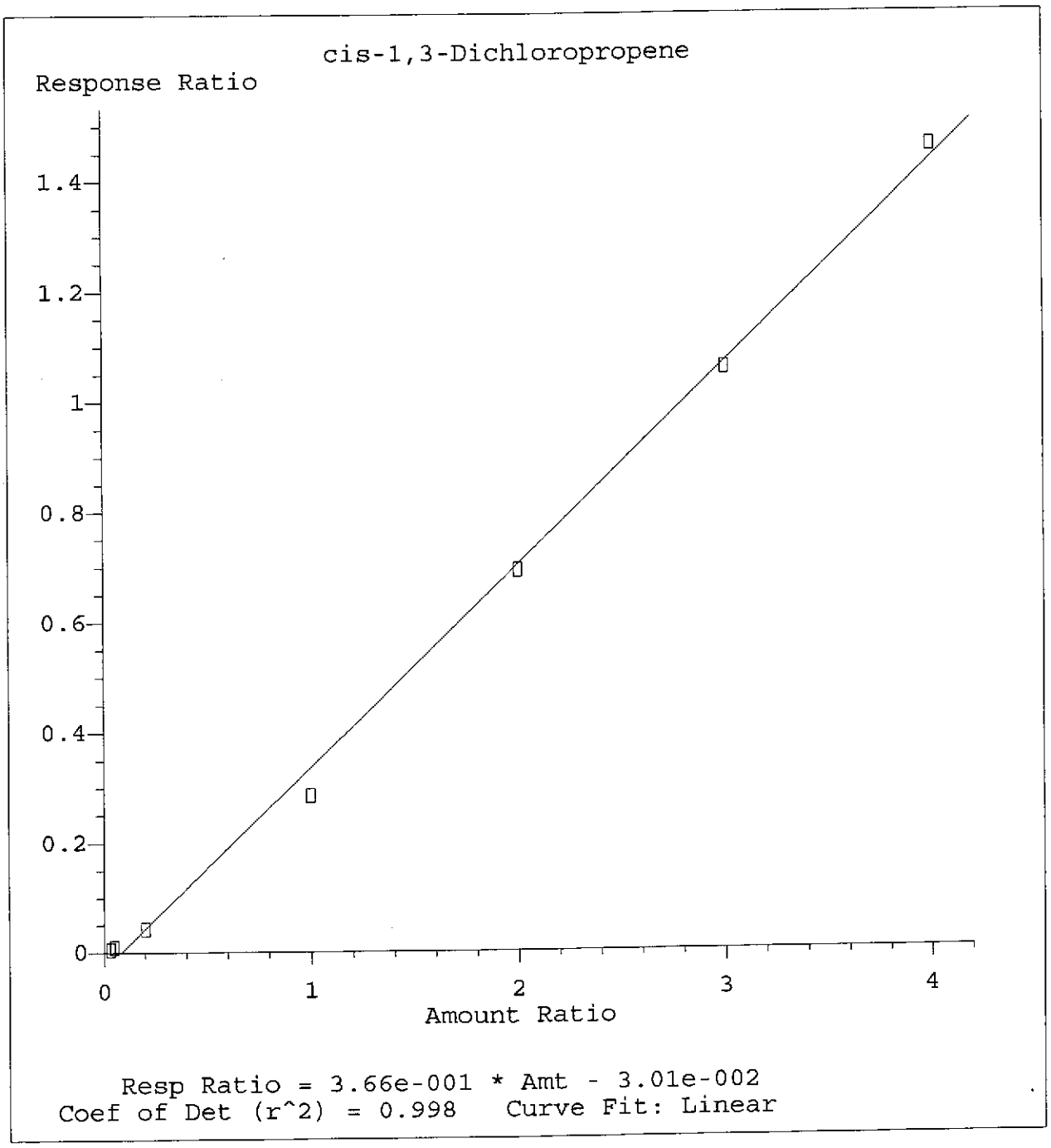
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:02:29 2007



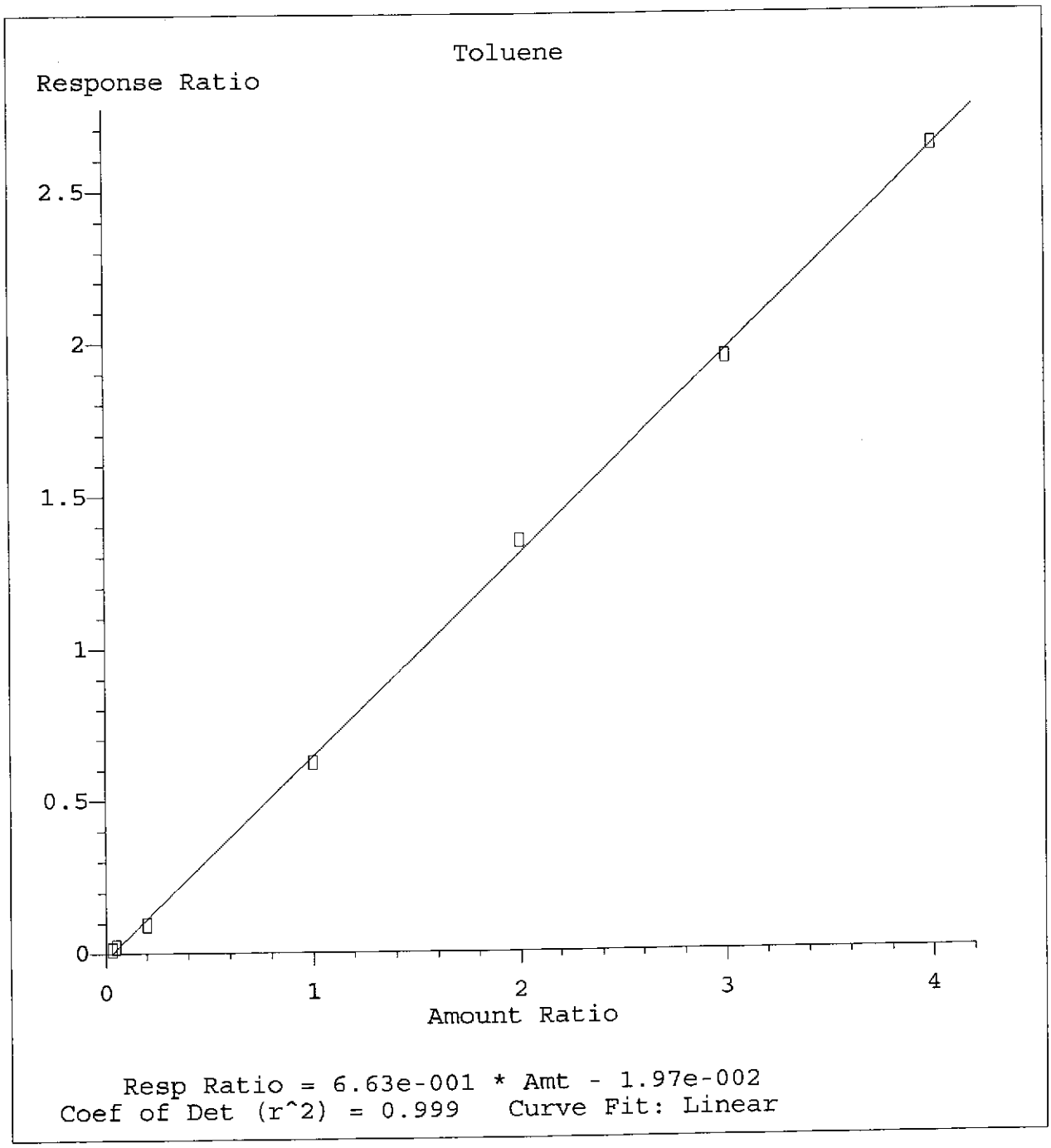
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:02:50 2007



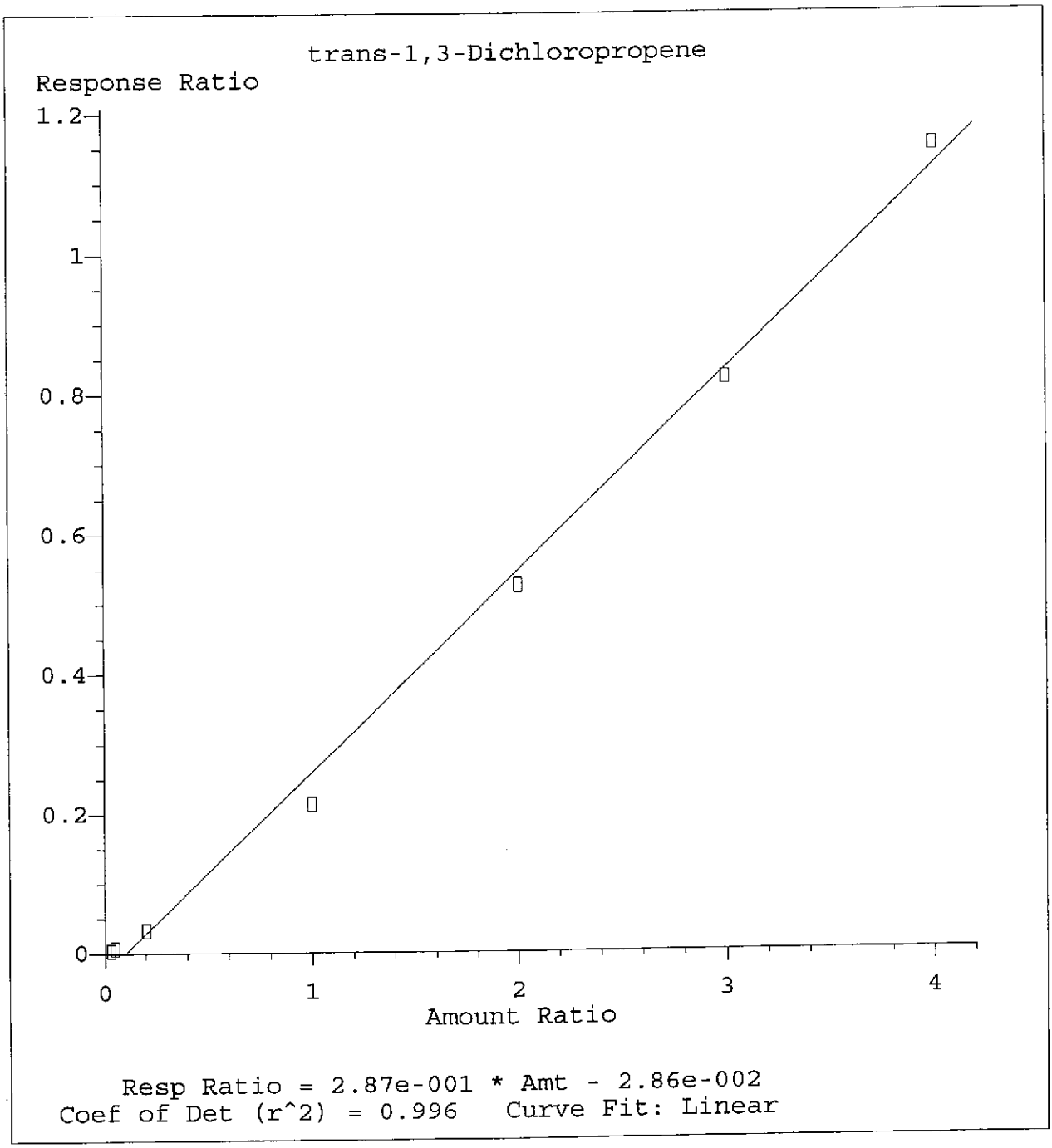
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:09:18 2007



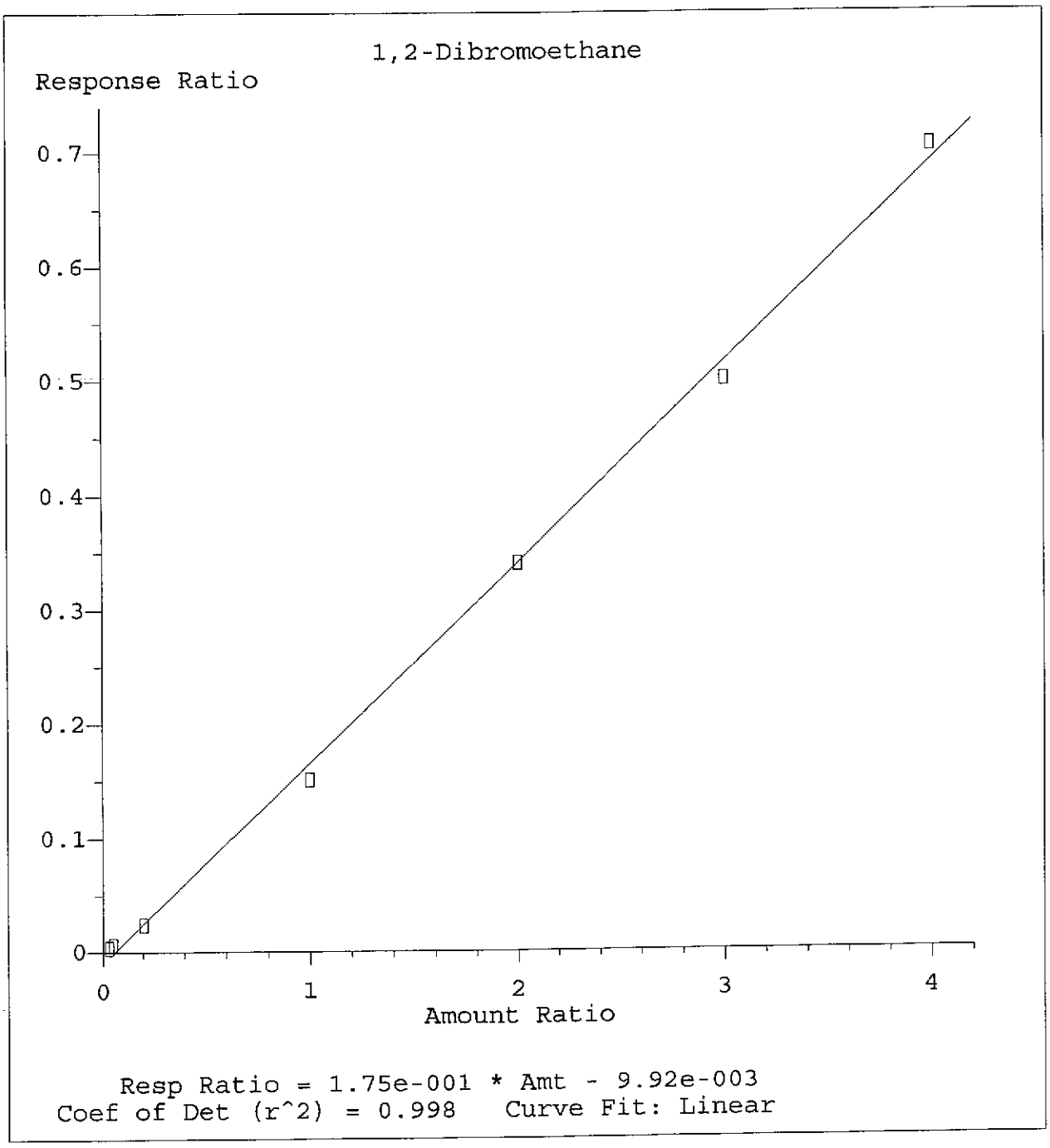
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:09:55 2007



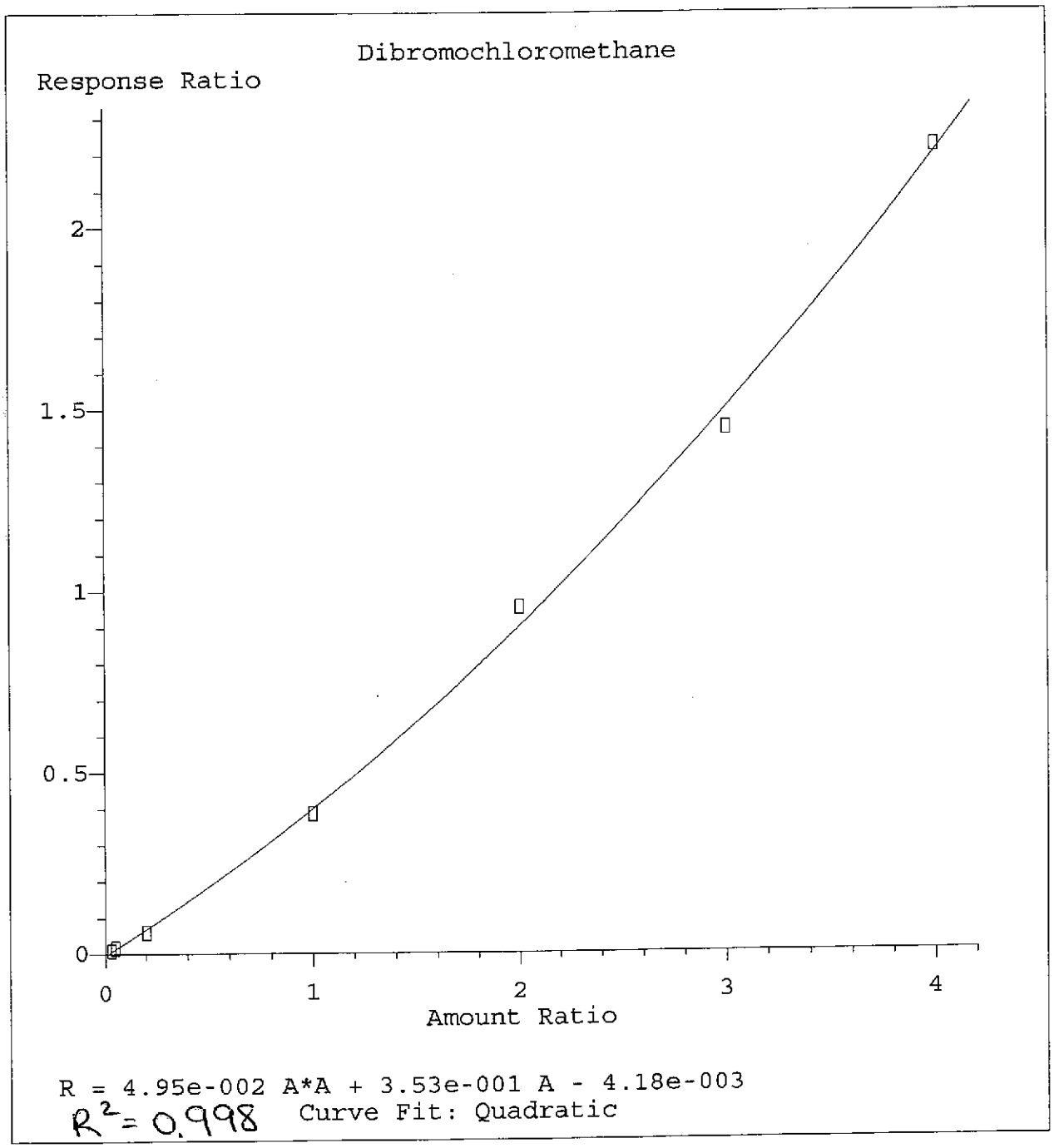
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:10:31 2007



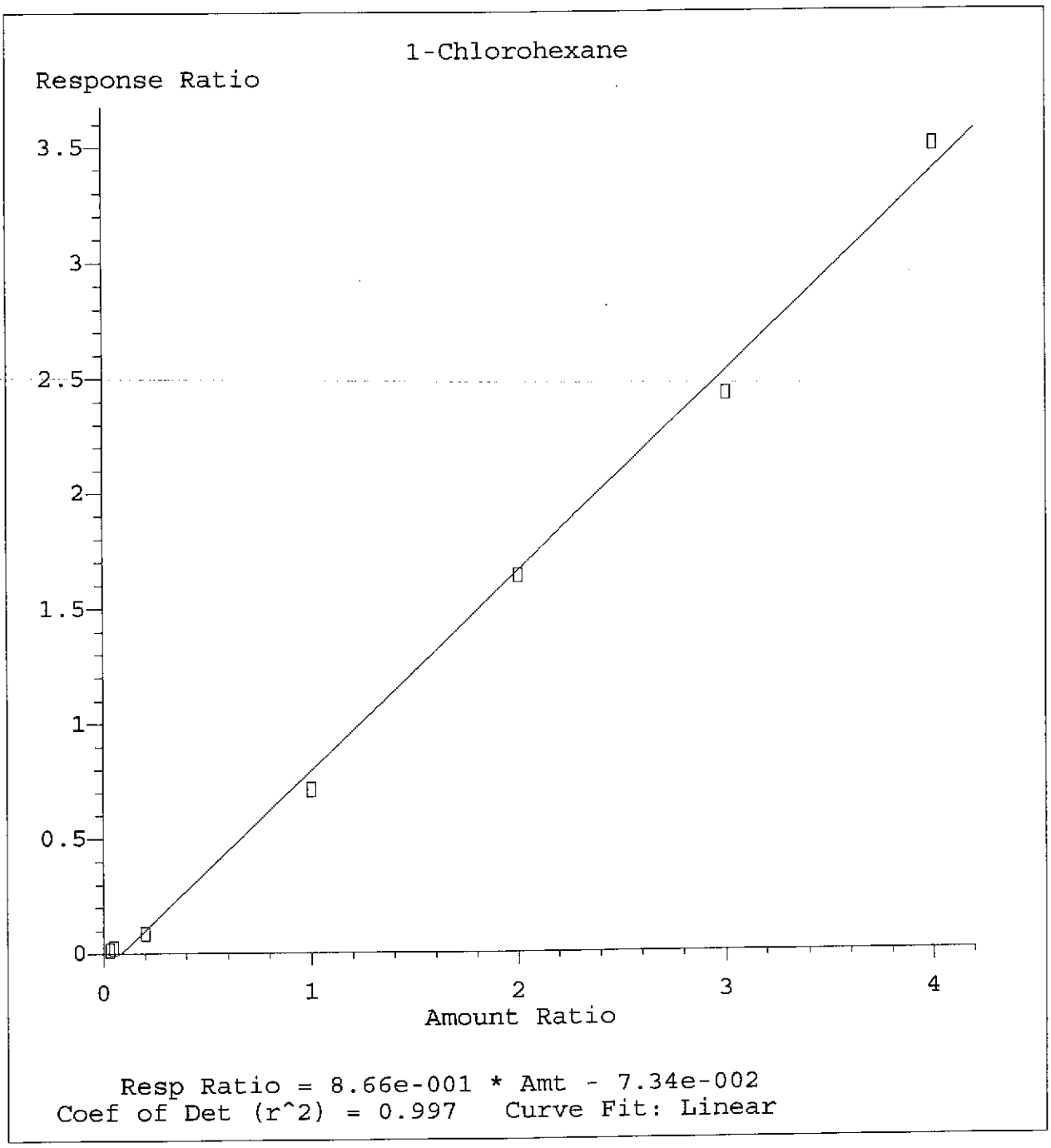
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:10:51 2007



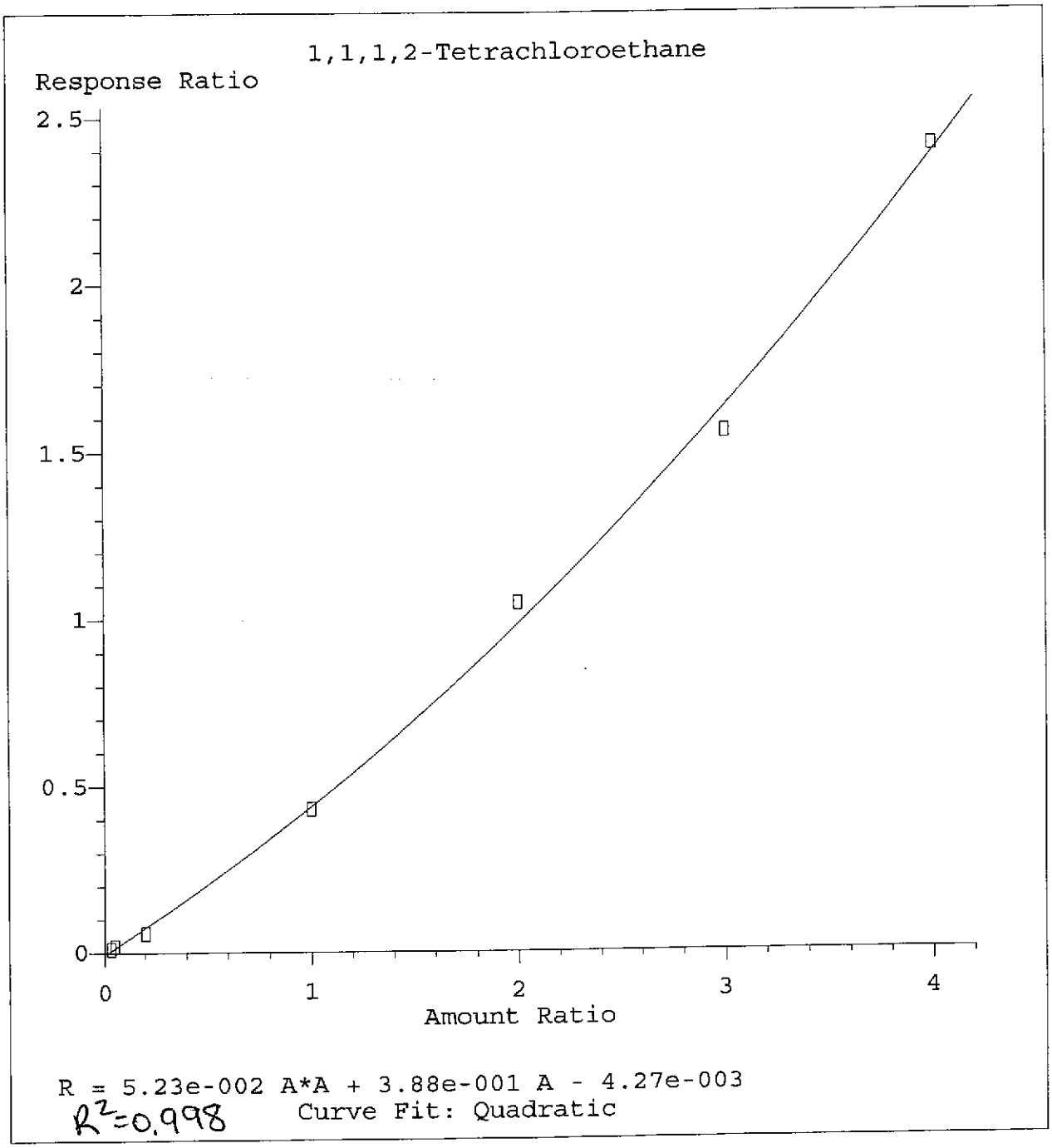
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:11:59 2007



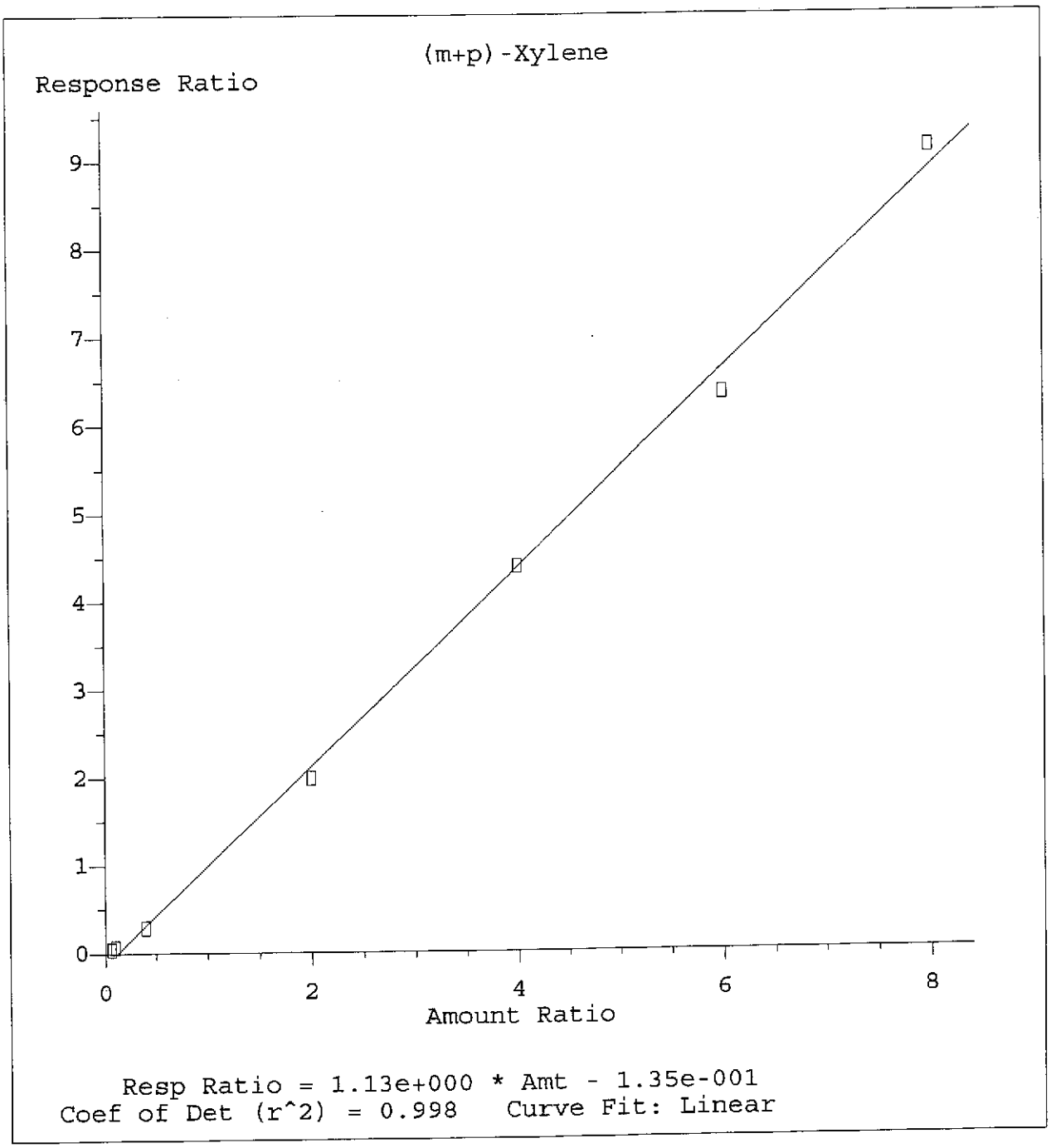
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:12:16 2007



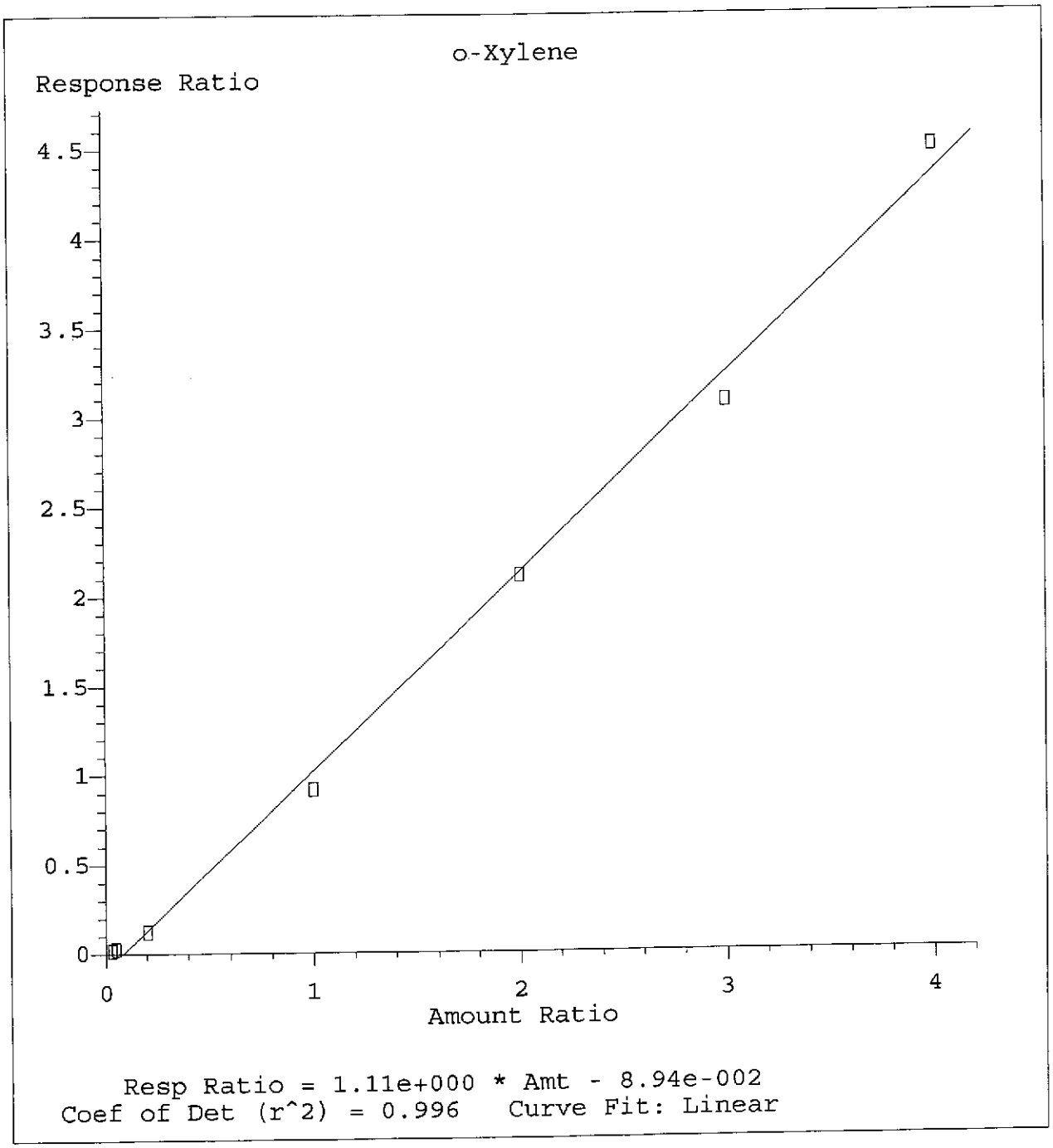
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:12:45 2007



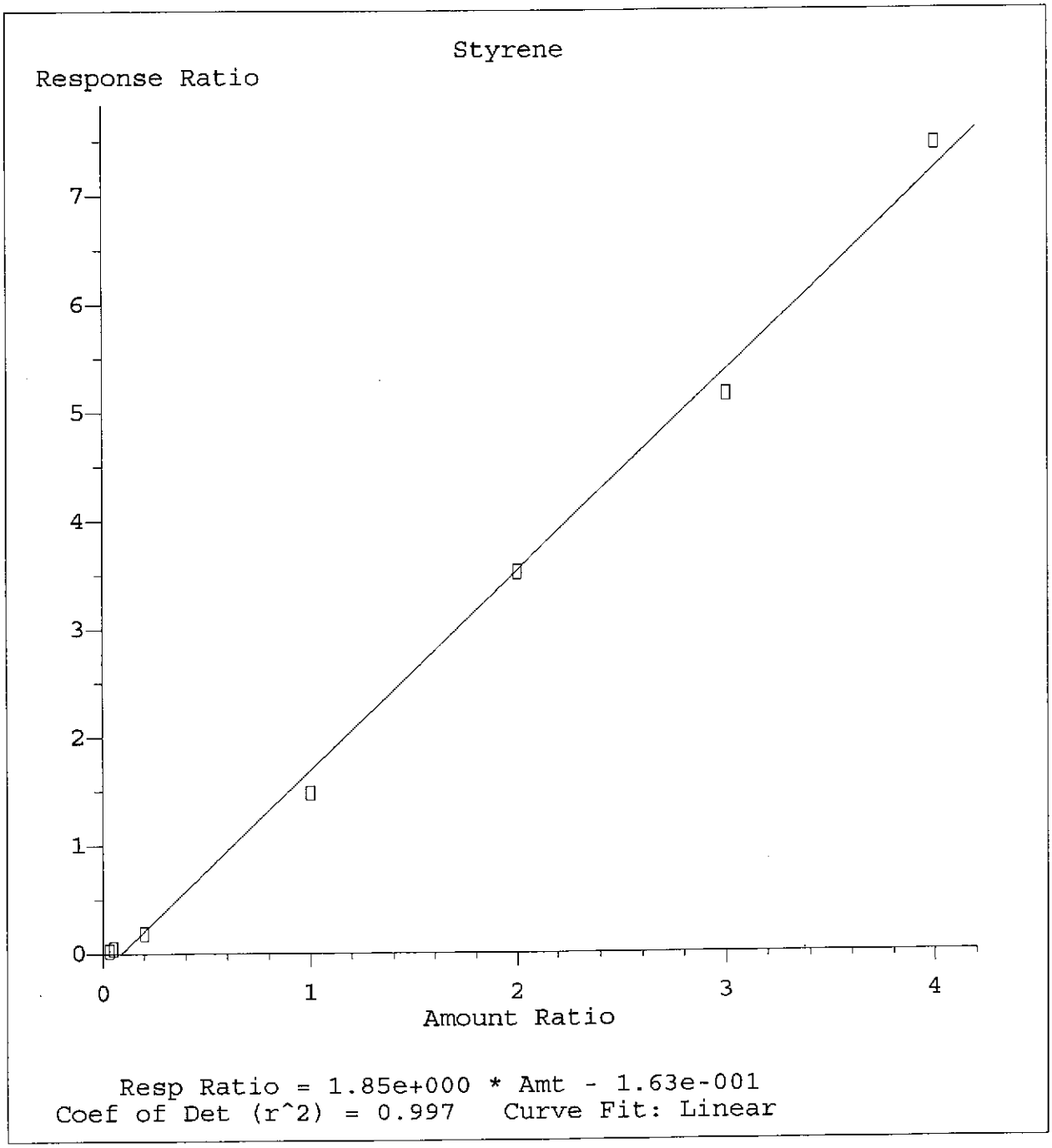
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:13:42 2007



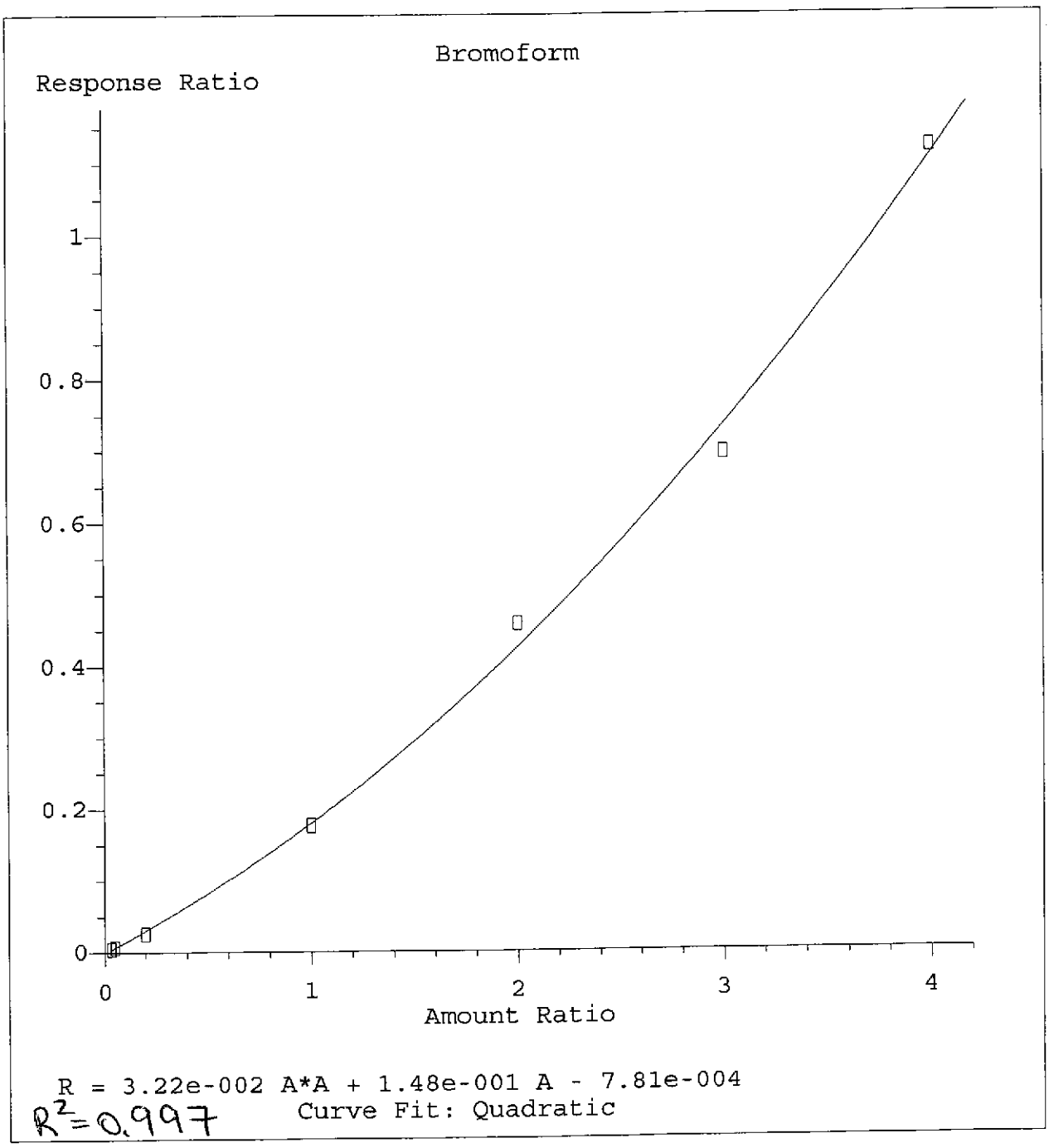
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:14:12 2007



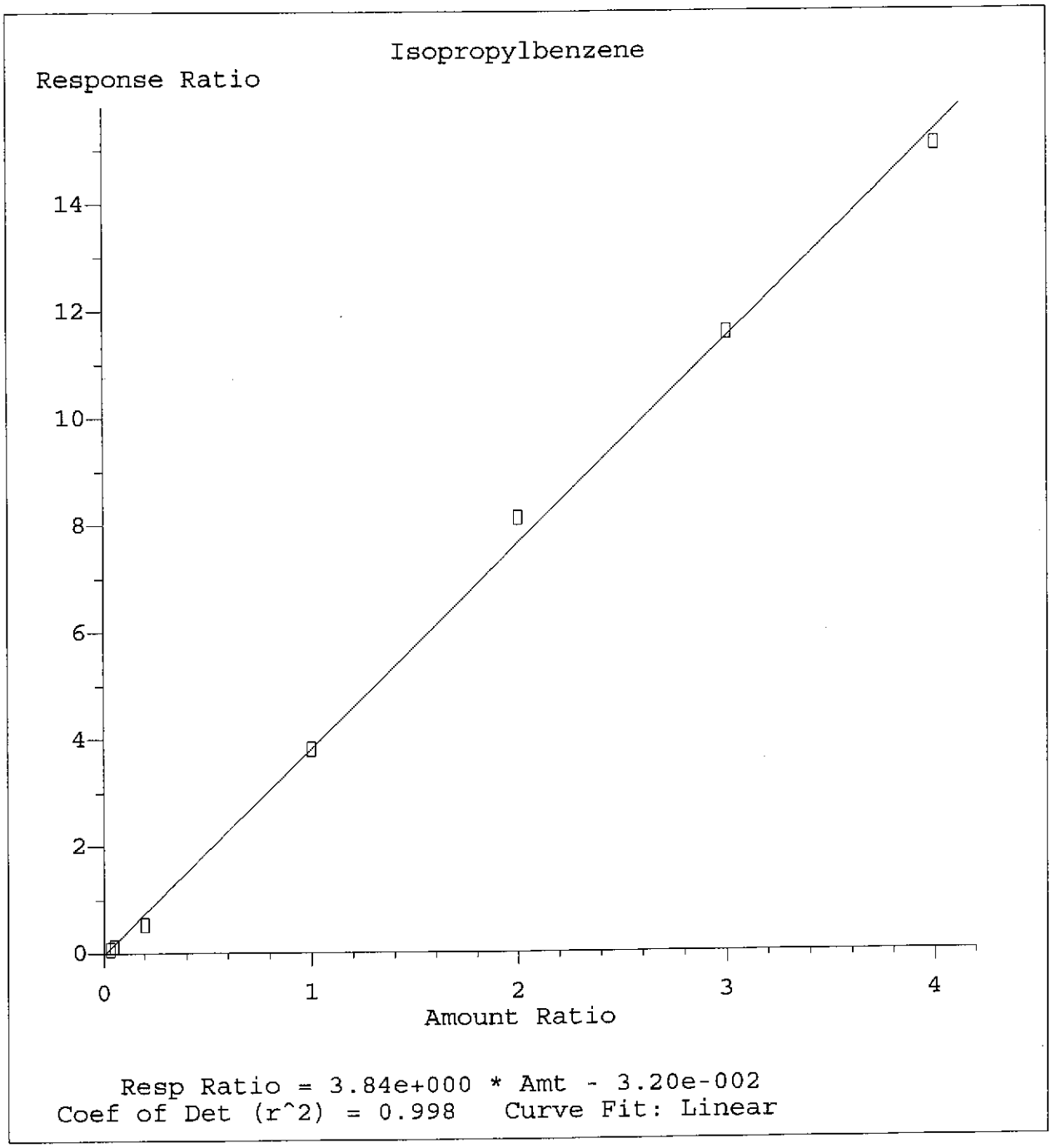
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:14:43 2007



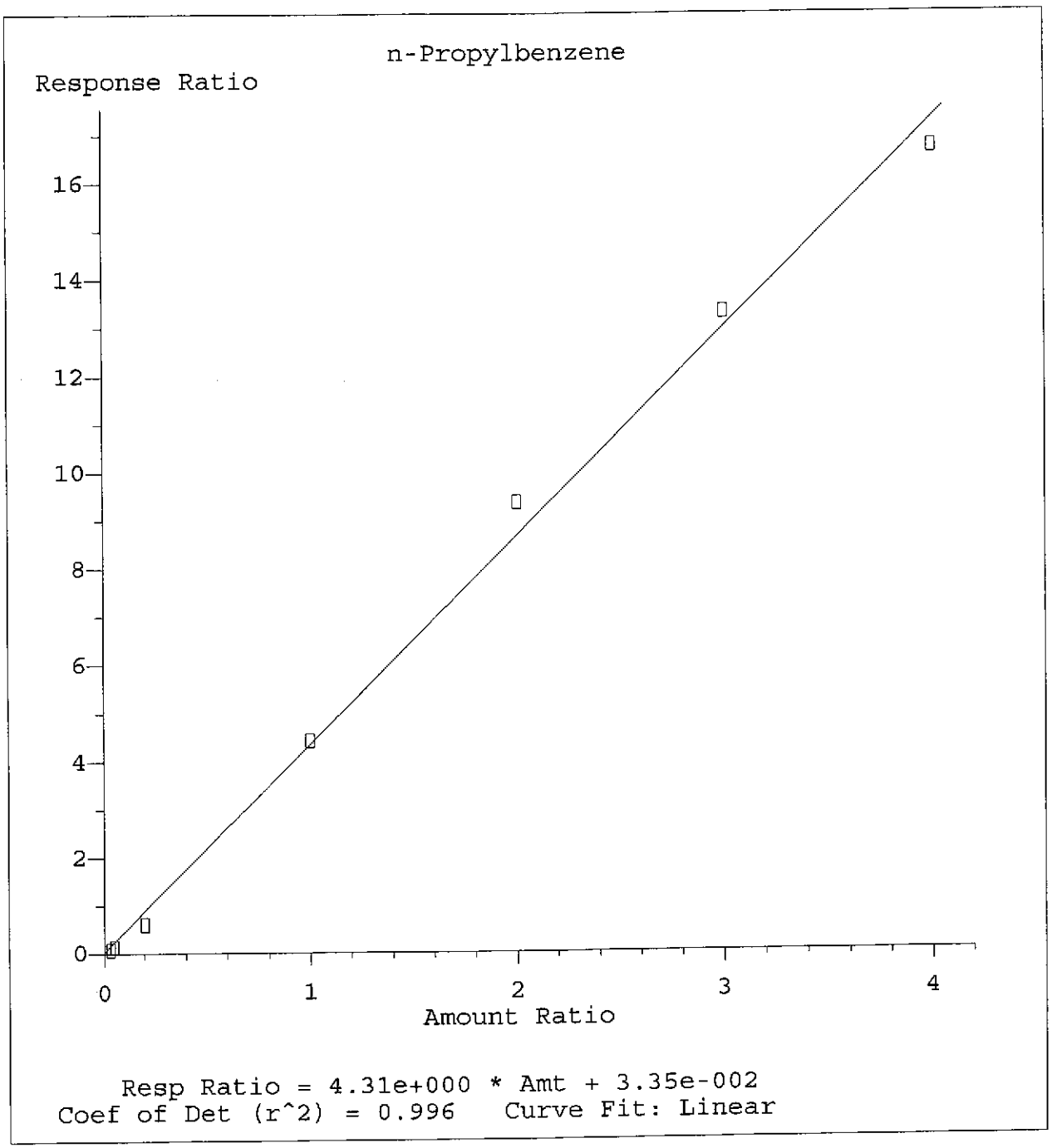
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:15:01 2007



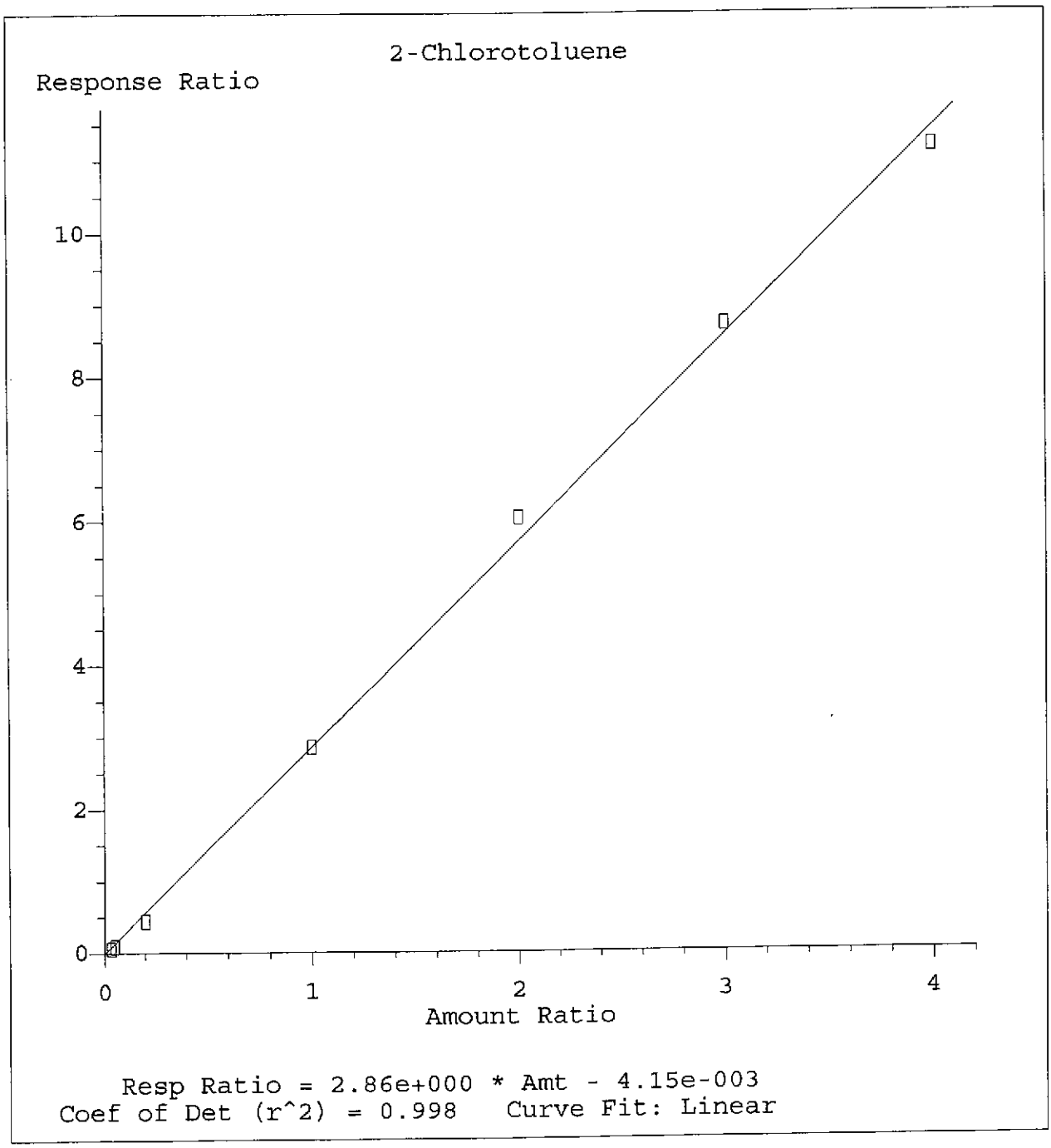
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:15:16 2007



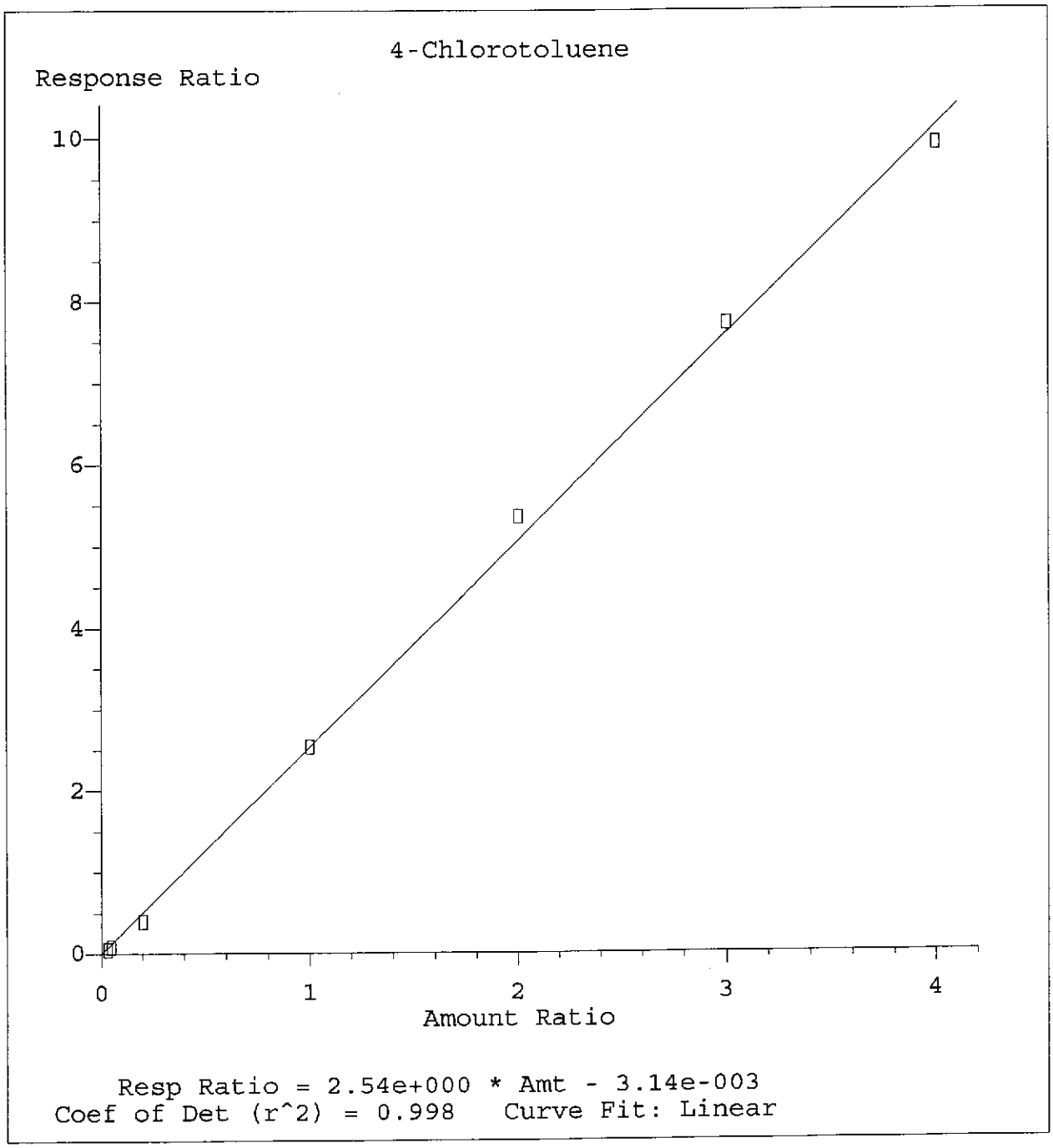
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:21 2007



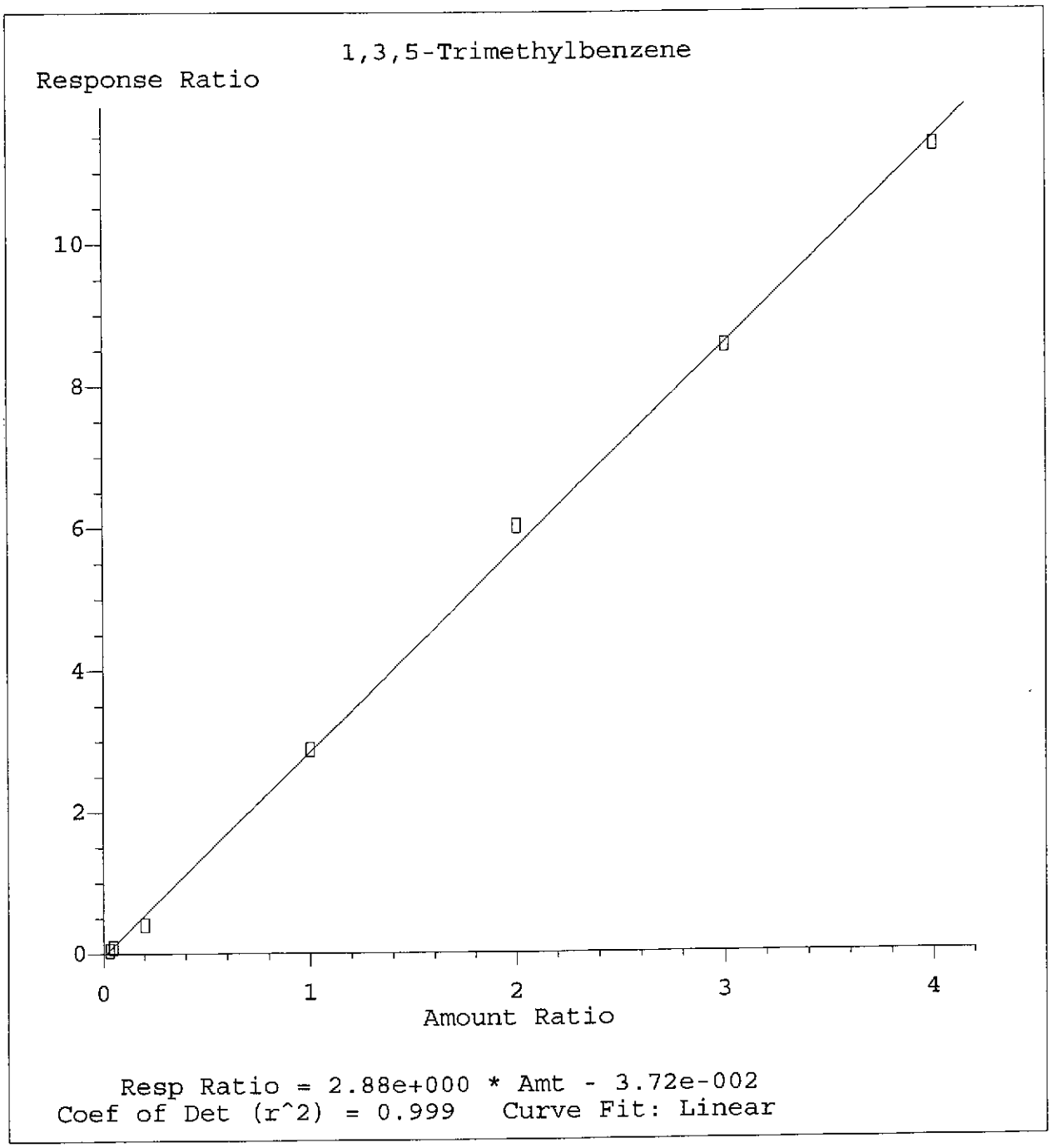
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:39 2007



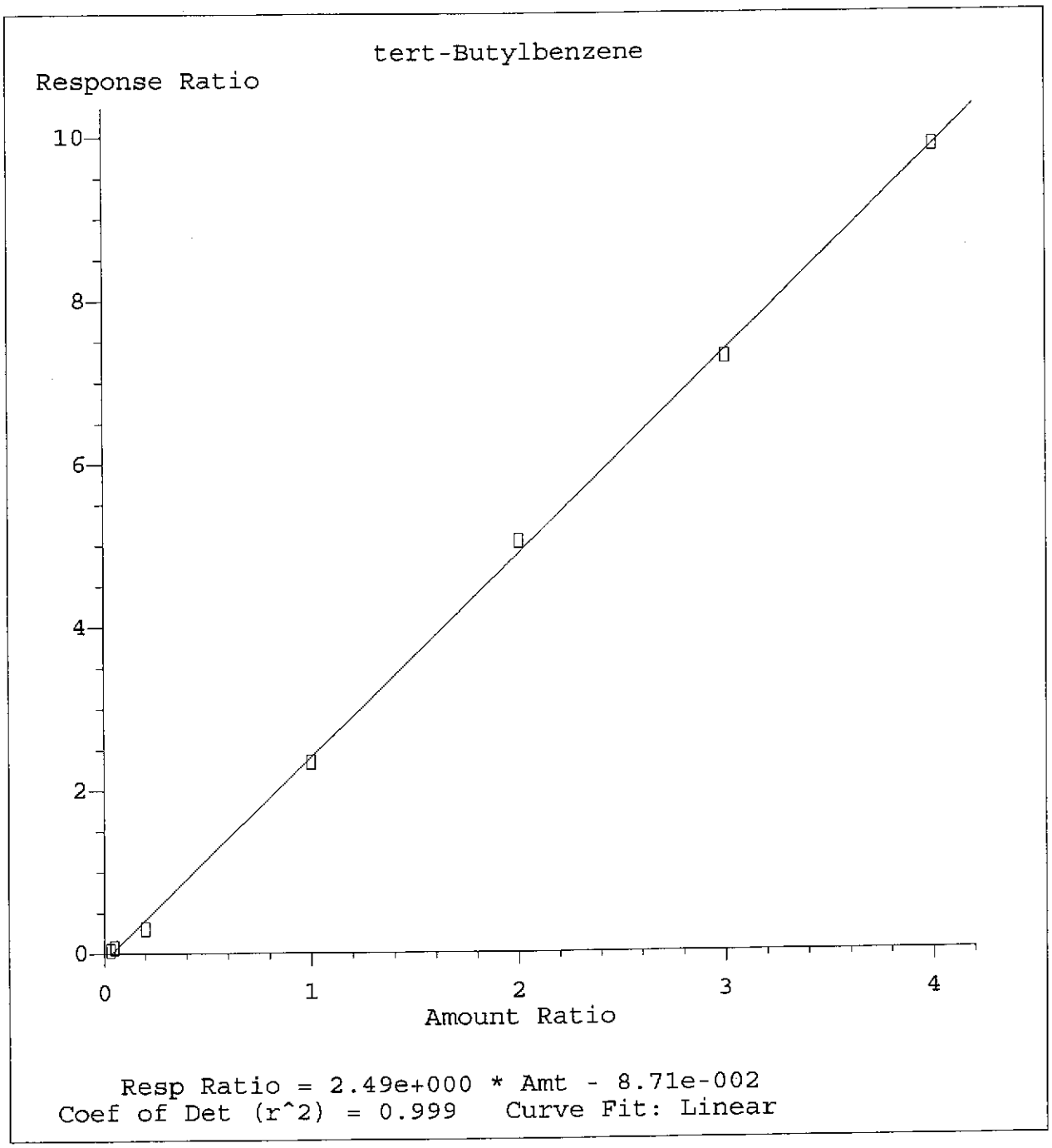
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:16:57 2007



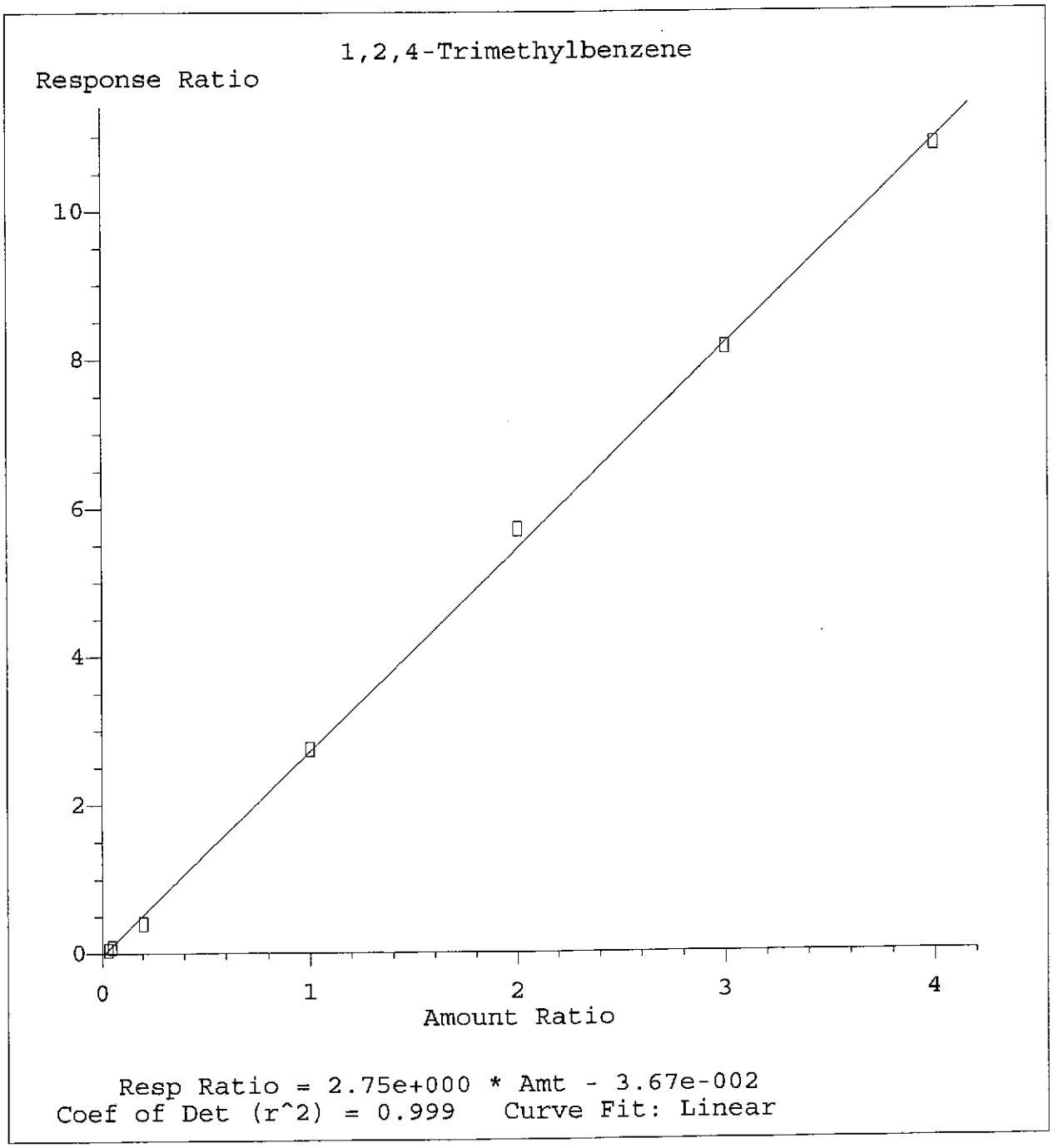
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:16 2007



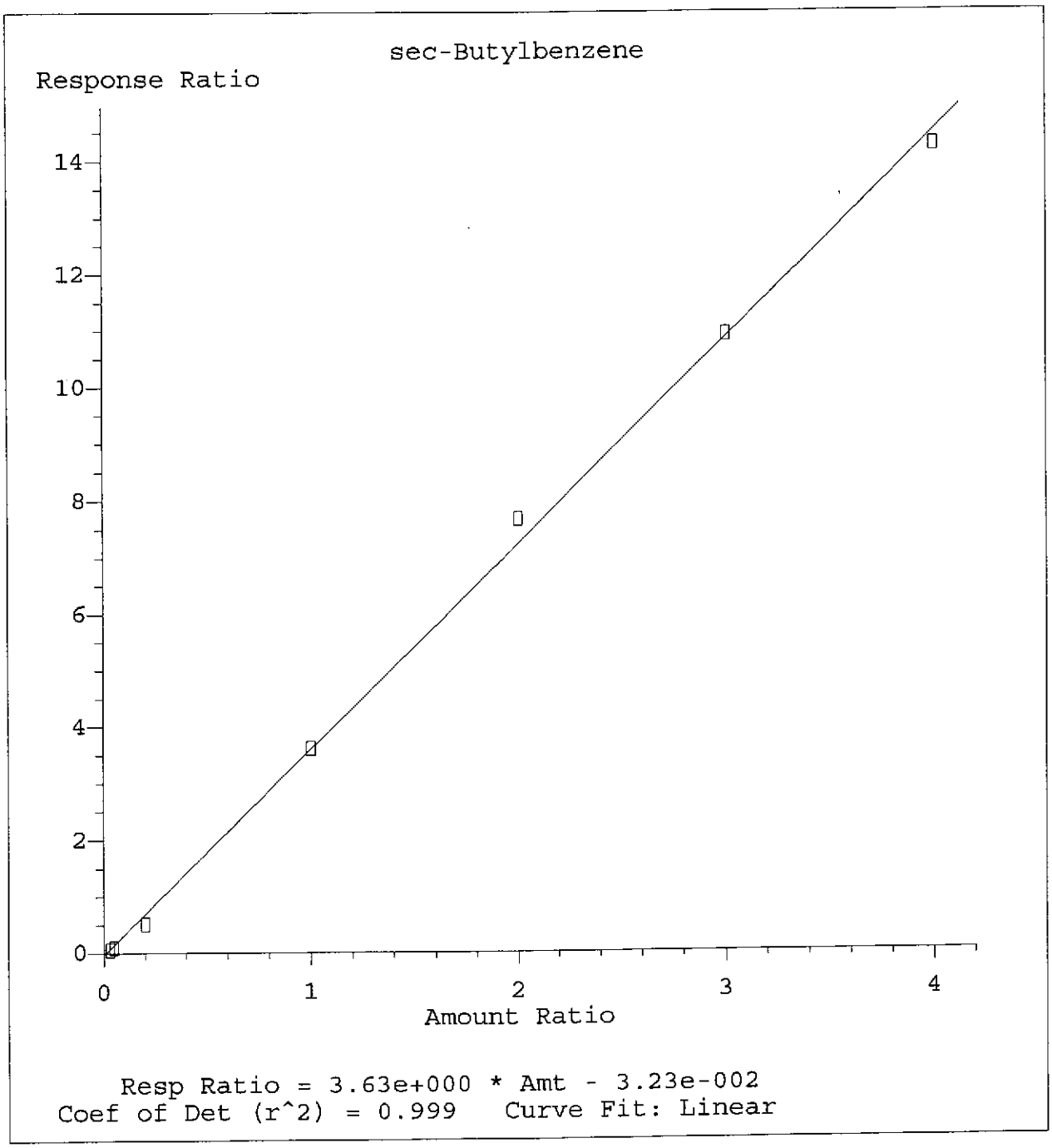
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:31 2007



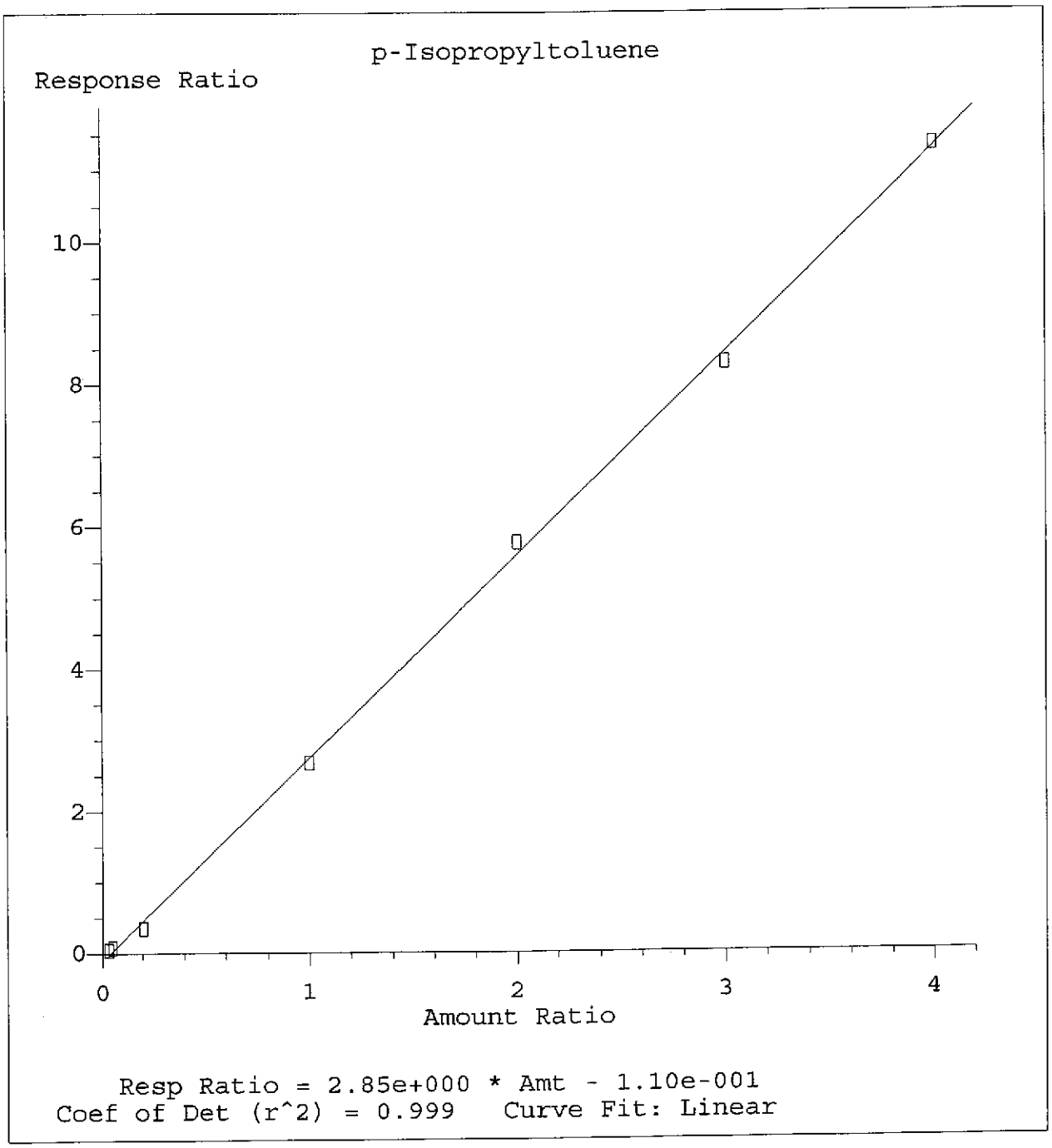
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:17:46 2007



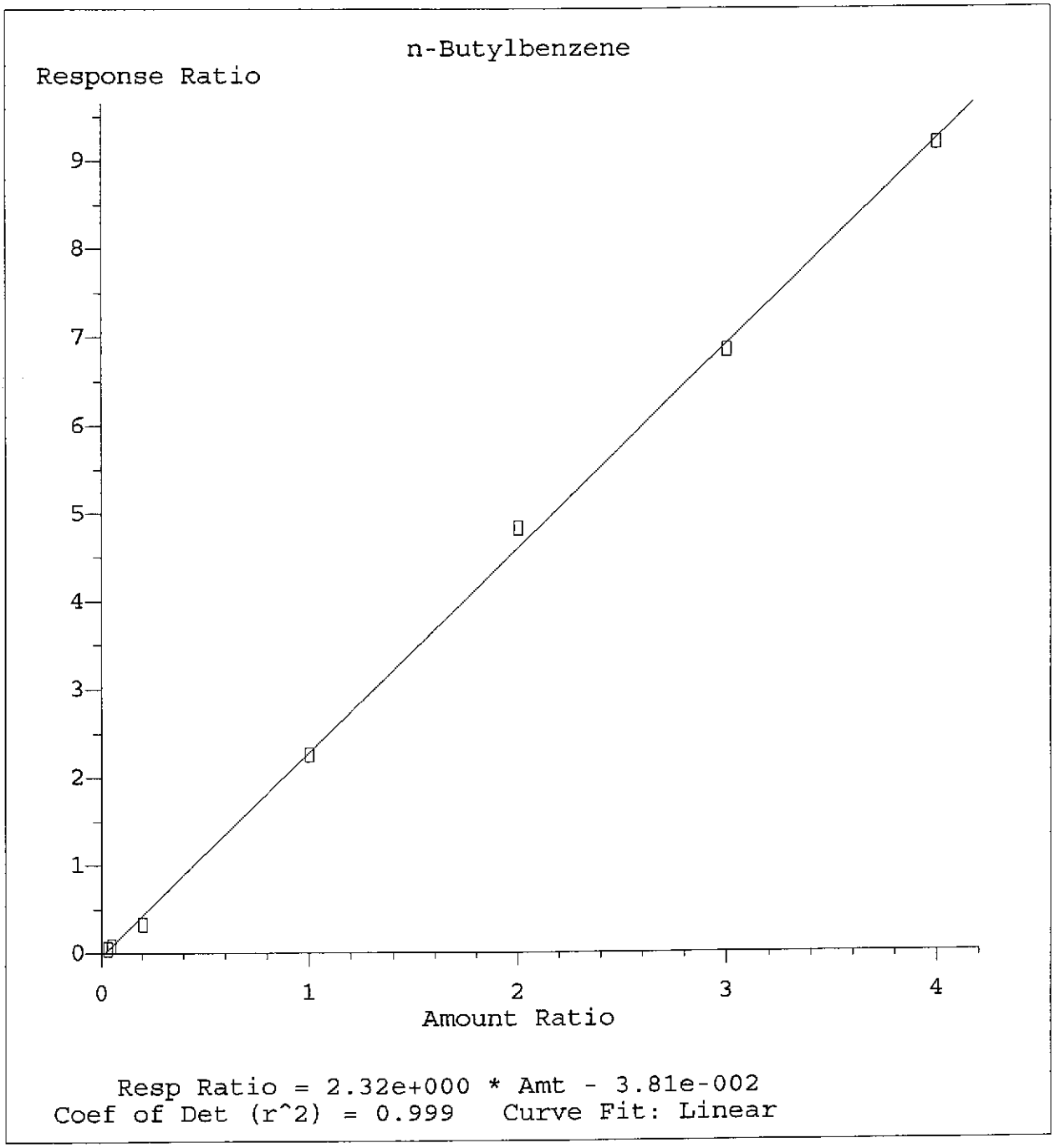
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:02 2007



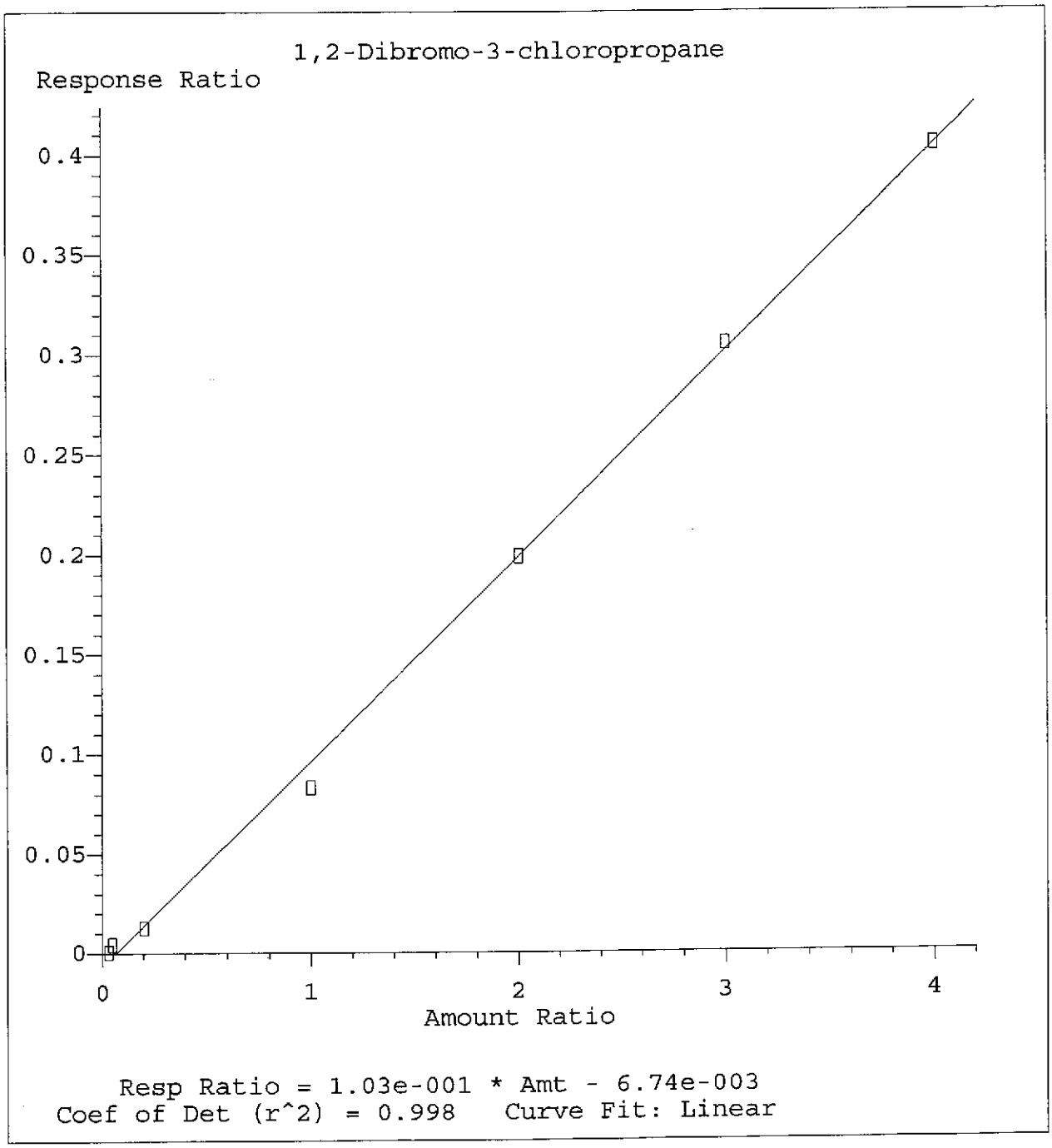
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:16 2007



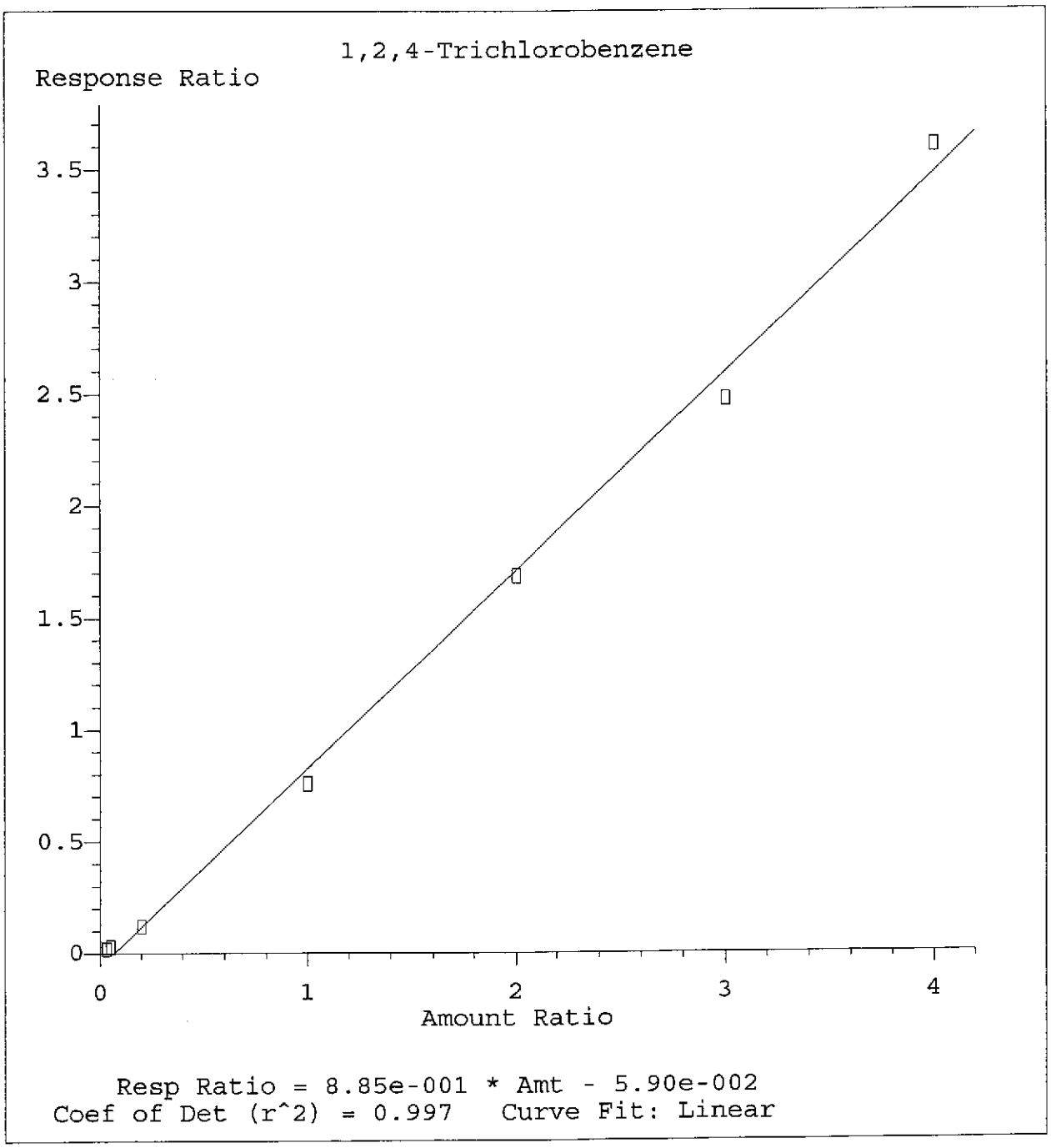
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:33 2007



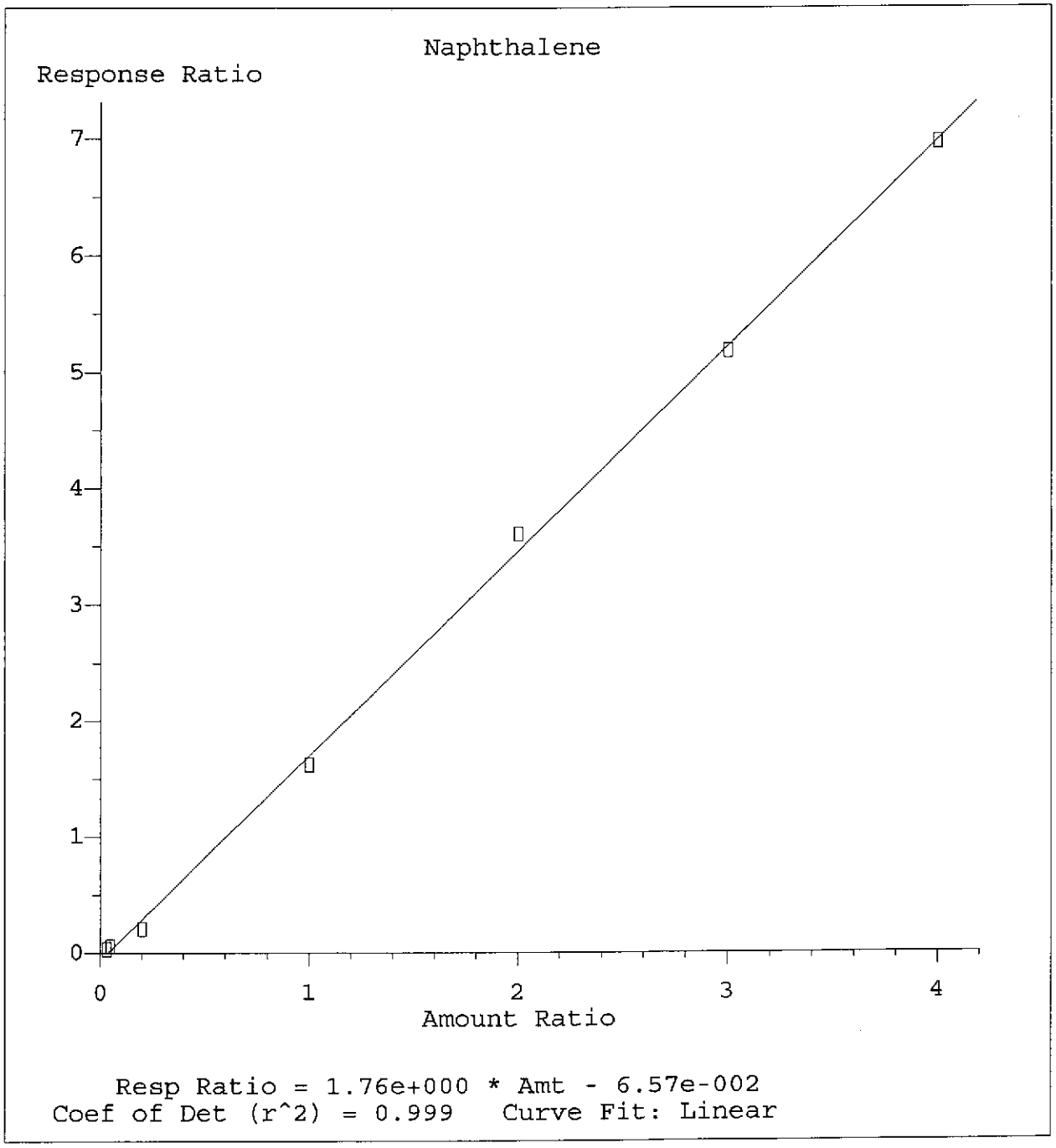
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:18:48 2007



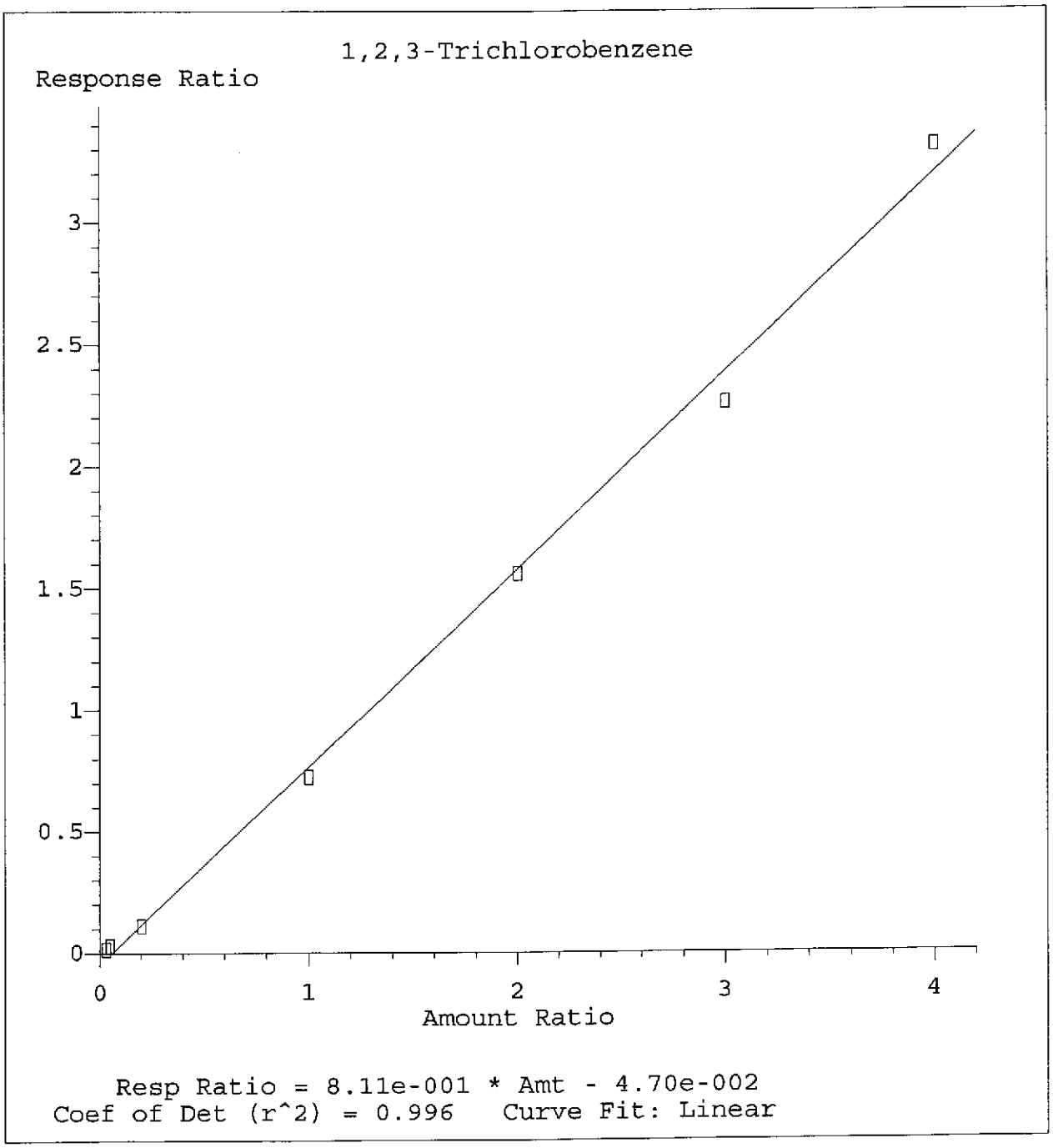
Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:03 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:20 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:36 2007



Method Name: C:\HPCHEM\1\METHODS\J601VOCW.M
Calibration Table Last Updated: Mon Jun 04 07:19:52 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 3
INITIAL MULTIPOINT CALIBRATION-GC/MS ANALYSIS

Analytical Method: 8260B

AAB #:

Lab Name: Life Science Laboratories, Inc.

Contract #:

Instrument ID: HP5973 GCMS#1

Date of Initial Calibration: 21JUN07

Initial Calibration ID: 986

Concentration Units (ug/L or mg/kg): ug/L

SEE ATTACHED

Comments:

AFCEE FORM O-3

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

#986

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		Dichlorodifluoromet	0.369	0.361	0.343	0.414	0.402	0.404	0.382	6.81
3)	P	Chloromethane	0.269	0.233	0.229	0.267	0.266	0.272	0.257	7.06
4)	CP	Vinyl chloride	0.192	0.209	0.193	0.229	0.236	0.241	0.220	9.78
5)		Bromomethane	0.181	0.189	0.157	0.186	0.194	0.203	0.187	8.08
6)		Chloroethane	0.114	0.104	0.120	0.137	0.138	0.145	0.128	12.04
7)		Trichlorofluorometh	0.546	0.529	0.539	0.652	0.620	0.608	0.581	8.05
8)		Acetone		0.048	0.038	0.044	0.042	0.041	0.042	8.09
9)		Acrolein	0.001	0.001	0.001	0.001	0.002	0.002	0.002	45.34
10)	CPM	1,1-Dichloroethene	0.183	0.158	0.153	0.192	0.195	0.192	0.181	9.69
11)		Methyl iodide	0.214	0.227	0.237	0.328	0.348	0.356	0.294	21.98
12)		1,1,2-Trichloro-1,2	0.222	0.243	0.212	0.279	0.274	0.270	0.252	10.56
13)		Methyl acetate	0.124	0.120	0.097	0.098	0.097	0.096	0.104	11.70
14)		Acrylonitrile	0.039	0.040	0.039	0.043	0.041	0.041	0.041	3.41
15)		Methylene chloride	0.511	0.353	0.250	0.226	0.225	0.220	0.286	38.61
16)		Carbon disulfide	0.592	0.562	0.559	0.693	0.667	0.673	0.629	8.96
17)		trans-1,2-Dichloroe	0.227	0.211	0.206	0.246	0.243	0.242	0.230	7.04
18)		Methyl tert-Butyl e	0.590	0.544	0.529	0.585	0.596	0.572	0.568	4.45
19)	P	1,1-Dichloroethane	0.380	0.377	0.334	0.389	0.378	0.369	0.370	4.86
20)		Vinyl acetate	0.279	0.225	0.248	0.286	0.278	0.285	0.269	8.83
21)		2-Butanone	0.062	0.046	0.050	0.054	0.055	0.056	0.054	9.34
22)		cis-1,2-Dichloroeth	0.247	0.241	0.230	0.272	0.268	0.266	0.255	6.08
23)		Bromochloromethane	0.146	0.146	0.138	0.148	0.146	0.143	0.144	2.20
24)	CP	Chloroform	0.790	0.796	0.481	0.520	0.518	0.497	0.583	24.83
25)		2,2-Dichloropropane	0.417	0.415	0.398	0.489	0.496	0.485	0.452	9.05
26)		Cyclohexane	0.244	0.258	0.251	0.352	0.357	0.355	0.310	17.82
27)	S	Dibromofluoromethan	0.260	0.244	0.237	0.276	0.270	0.265	0.258	5.41
28)	S	1,2-Dichloroethane-	0.329	0.345	0.311	0.327	0.321	0.304	0.318	5.90
29)		1,2-Dichloroethane	0.408	0.375	0.374	0.398	0.389	0.363	0.379	5.61
30)		1,1,1-Trichloroetha	0.509	0.480	0.478	0.603	0.604	0.580	0.543	10.11
31)		1,1-Dichloropropene	0.272	0.267	0.253	0.328	0.342	0.338	0.305	12.76
32)		Carbon tetrachlorid	0.442	0.404	0.398	0.504	0.522	0.506	0.466	10.97
33)	M	Benzene	0.816	0.777	0.755	0.897	0.915	0.907	0.850	7.80
34)	M	Trichloroethene	0.285	0.292	0.256	0.305	0.312	0.312	0.295	6.78
35)		Dibromomethane	0.158	0.149	0.131	0.151	0.145	0.140	0.144	6.34
36)		Methylcyclohexane	0.262	0.286	0.295	0.396	0.406	0.419	0.355	19.88
37)	CP	1,2-Dichloropropane	0.183	0.164	0.160	0.185	0.190	0.188	0.180	7.01
38)		Bromodichloromethan	0.389	0.401	0.314	0.378	0.384	0.369	0.371	7.60
39)		2-Chloroethylvinyl	0.070	0.065	0.068	0.081	0.079	0.082	0.076	10.11
40)		4-Methyl-2-pentanon	0.119	0.117	0.119	0.139	0.141	0.144	0.131	9.58
41)		cis-1,3-Dichloropro	0.327	0.306	0.305	0.355	0.374	0.370	0.344	8.81
42)	S	Toluene-d8	0.901	0.836	0.869	1.037	1.058	1.048	0.965	9.70
43)	CPM	Toluene	0.639	0.625	0.612	0.745	0.762	0.755	0.696	9.67

(#) = Out of Range ### Number of calibration levels exceeded format ###

David M Baldin 6/12/07

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 10:55:17 2007
Response via : Continuing Calibration

Calibration Files
0.3 =T9025.D 0.5 =T9026.D 2.0 =T9027.D
10 =T9028.D 20 =T9029.D 30 =T9030.D

		Compound	0.3	0.5	2.0	10	20	30	Avg	%RSD
44)		trans-1,3-Dichlorop	0.297	0.270	0.279	0.358	0.368	0.362	0.327	13.28
45)		1,1,2-Trichloroetha	0.126	0.131	0.125	0.147	0.151	0.148	0.139	8.00
46)		2-Hexanone			0.075	0.092	0.099	0.103	0.094	12.10
47)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------		
48)		1,2-Dibromoethane	0.426	0.447	0.431	0.485	0.504	0.512	0.474	8.07
49)		1,3-Dichloropropane	0.680	0.618	0.634	0.711	0.714	0.711	0.684	6.12
50)		Dibromochloromethan	0.658	0.558	0.543	0.644	0.693	0.710	0.645	10.76
51)		Tetrachloroethene	0.716	0.779	0.721	0.876	0.886	0.915	0.828	10.46
52)		1-Chlorohexane	0.654	0.560	0.643	0.808	0.843	0.875	0.752	17.30
53)		1,1,1,2-Tetrachloro	0.607	0.611	0.611	0.715	0.746	0.761	0.687	10.78
54)	PM	Chlorobenzene	1.949	1.840	1.861	2.103	2.114	2.137	2.009	6.20
55)	CP	Ethylbenzene	3.185	3.106	2.931	3.479	3.446	3.464	3.262	6.43
56)		(m+p)-Xylene	1.074	1.081	1.055	1.266	1.291	1.367	1.206	10.90
57)		o-Xylene	1.132	1.075	1.042	1.260	1.293	1.368	1.213	10.62
58)		Styrene	1.517	1.435	1.564	2.094	2.184	2.300	1.899	19.76
59)	P	Bromoform	0.291	0.258	0.291	0.369	0.404	0.423	0.353	20.43
60)	S	Bromofluorobenzene	1.091	0.854	0.799	0.948	0.973	1.004	0.946	10.14
61)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------		
62)		trans-1,4-Dichloro-	0.083	0.048	0.080	0.101	0.115	0.113	0.094	27.09
63)	P	1,1,2,2-Tetrachloro	0.596	0.548	0.519	0.546	0.540	0.490	0.535	6.37
64)		Isopropylbenzene	3.708	3.748	3.628	3.981	3.881	3.564	3.690	5.90
65)		1,2,3-Trichloroprop	0.498	0.493	0.487	0.504	0.502	0.471	0.490	2.56
66)		Bromobenzene	1.005	1.014	0.992	1.066	1.049	1.001	1.019	2.66
67)		n-Propylbenzene	3.063	3.352	3.243	3.744	3.692	3.486	3.403	7.38
68)		2-Chlorotoluene	2.488	2.684	2.527	2.768	2.729	2.598	2.613	4.38
69)		4-Chlorotoluene	1.971	2.168	2.009	2.282	2.278	2.186	2.145	5.66
70)		1,3,5-Trimethylbenz	2.291	2.375	2.282	2.651	2.616	2.546	2.455	6.15
71)		tert-Butylbenzene	2.651	2.643	2.373	2.770	2.734	2.615	2.609	5.34
72)		1,2,4-Trimethylbenz	1.960	2.090	2.018	2.371	2.358	2.274	2.175	7.51
73)		sec-Butylbenzene	2.918	3.076	3.043	3.605	3.541	3.298	3.216	8.38
74)		1,3-Dichlorobenzene	1.474	1.624	1.549	1.765	1.761	1.705	1.649	6.59
75)		p-Isopropyltoluene	2.393	2.470	2.439	2.996	2.975	2.840	2.678	9.64
76)		1,4-Dichlorobenzene	1.668	1.538	1.460	1.646	1.664	1.629	1.599	4.80
77)		n-Butylbenzene	1.313	1.322	1.502	1.991	1.997	1.953	1.705	18.46
78)		1,2-Dichlorobenzene	1.415	1.527	1.445	1.678	1.667	1.610	1.558	6.59
79)		1,2-Dibromo-3-chlor		0.095	0.093	0.108	0.113	0.114	0.106	9.06
80)		1,2,4-Trichlorobenz	0.207	0.321	0.539	0.767	0.828	0.834	0.619	42.92
81)		Hexachlorobutadiene	0.400	0.397	0.466	0.596	0.619	0.620	0.532	20.07
82)		Naphthalene	0.408	0.352	0.800	1.344	1.448	1.391	1.015	47.78
83)		1,2,3-Trichlorobenz	0.165	0.303	0.553	0.780	0.817	0.807	0.605	45.07

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
1)	I	Fluorobenzene	ISTD		
2)		Dichlorodifluoromet	0.377		
3)	P	Chloromethane	0.262		
4)	CP	Vinyl chloride	0.239		
5)		Bromomethane	0.197		
6)		Chloroethane	0.140		
7)		Trichlorofluorometh	0.570		
8)		Acetone	0.041		
9)		Acrolein	0.003		
10)	CPM	1,1-Dichloroethene	0.191		
11)		Methyl iodide	0.350		
12)		1,1,2-Trichloro-1,2	0.265		
13)		Methyl acetate	0.097		
14)		Acrylonitrile	0.041		
15)		Methylene chloride	0.215		
16)		Carbon disulfide	0.658		
17)		trans-1,2-Dichloroe	0.237		
18)		Methyl tert-Butyl e	0.558		
19)	P	1,1-Dichloroethane	0.361		
20)		Vinyl acetate	0.286		
21)		2-Butanone	0.055		
22)		cis-1,2-Dichloroeth	0.260		
23)		Bromochloromethane	0.145		
24)	CP	Chloroform	0.476		
25)		2,2-Dichloropropane	0.464		
26)		Cyclohexane	0.351		
27)	S	Dibromofluoromethan	0.258		
28)	S	1,2-Dichloroethane-	0.288		
29)		1,2-Dichloroethane	0.346		
30)		1,1,1-Trichloroetha	0.551		
31)		1,1-Dichloropropene	0.334		
32)		Carbon tetrachlorid	0.486		
33)	M	Benzene	0.883		
34)	M	Trichloroethene	0.305		
35)		Dibromomethane	0.137		
36)		Methylcyclohexane	0.422		
37)	CP	1,2-Dichloropropane	0.189		
38)		Bromodichloromethan	0.359		
39)		2-Chloroethylvinyl	0.084		
40)		4-Methyl-2-pentanon	0.141		
41)		cis-1,3-Dichloropro	0.368		
42)	S	Toluene-d8	1.009		
43)	CPM	Toluene	0.734		

(#) = Out of Range ### Number of calibration levels exceeded format ##

David M Batton
6/21/07

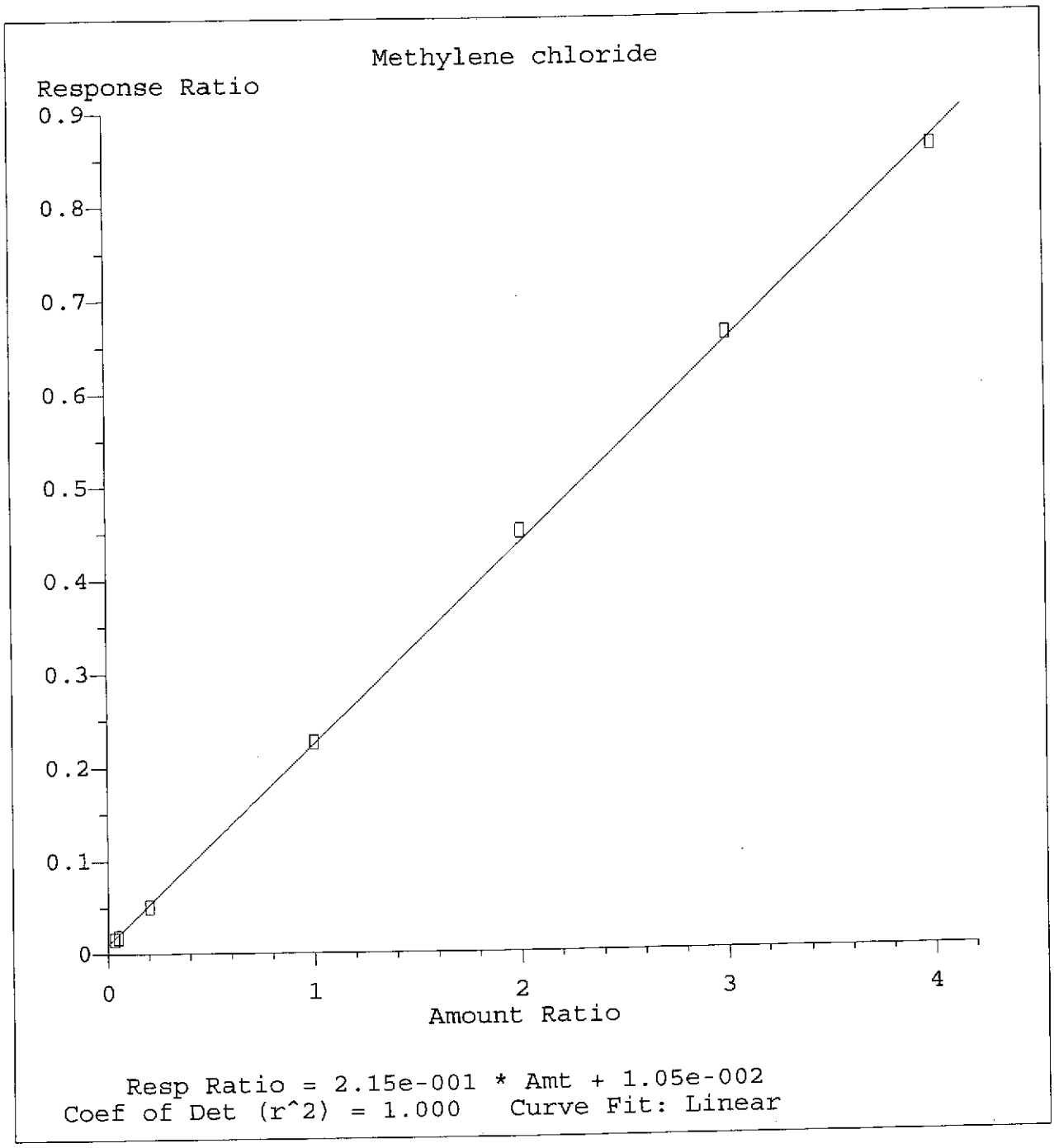
Response Factor Report #1MS11

Method : C:\HPCHEM\1\METHODS\T621VOCW.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 11:19:35 2007
Response via : Continuing Calibration

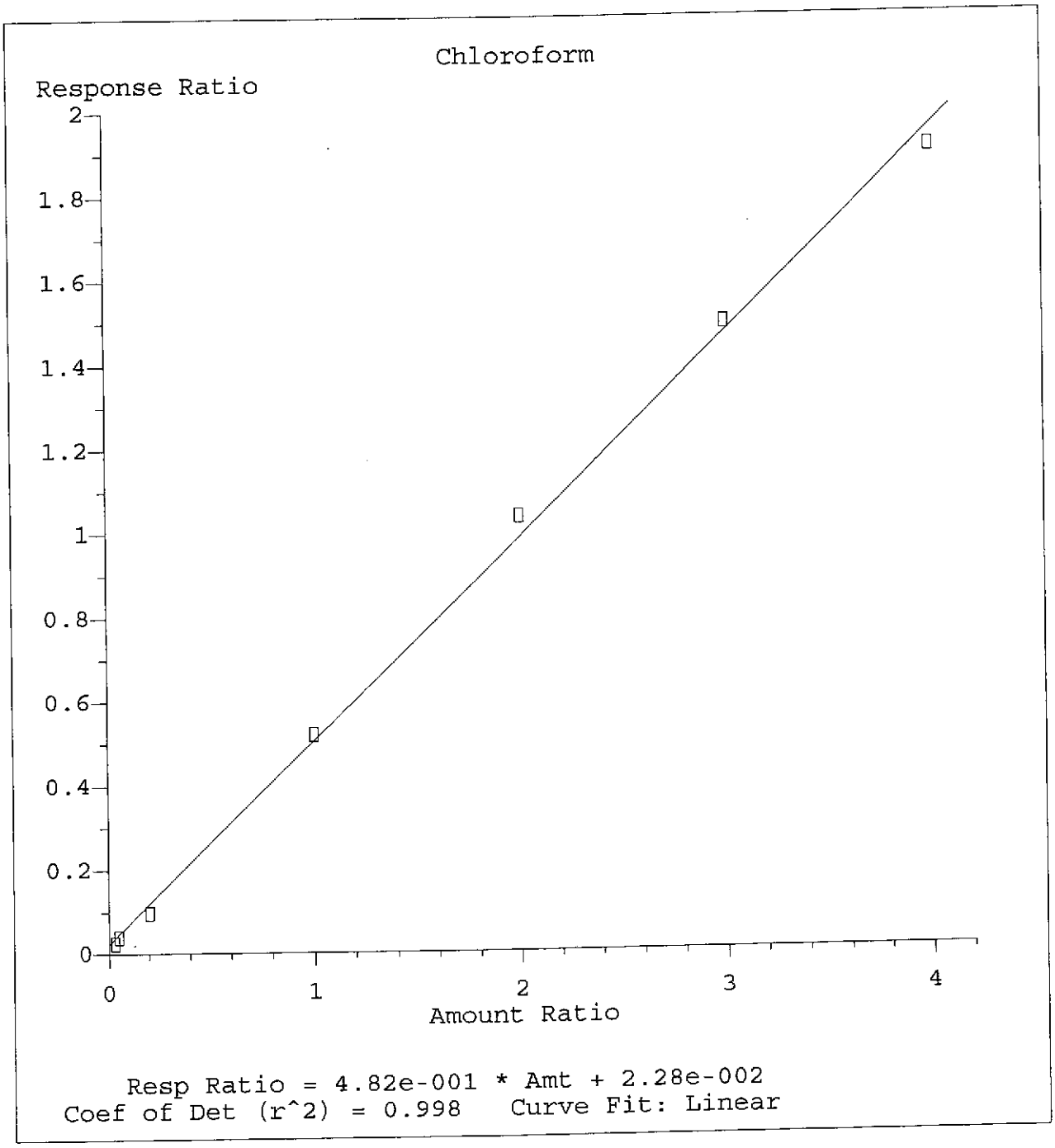
Calibration Files
40 =T9031.D = =
= = =

		Compound	40	Avg	%RSD
44)		trans-1,3-Dichlorop	0.357		
45)		1,1,2-Trichloroetha	0.145		
46)		2-Hexanone	0.102		
47)	I	Chlorobenzene-d5	----------ISTD---		
48)		1,2-Dibromoethane	0.511		
49)		1,3-Dichloropropane	0.719		
50)		Dibromochloromethan	0.710		
51)		Tetrachloroethene	0.901		
52)		1-Chlorohexane	0.882		
53)		1,1,1,2-Tetrachloro	0.760		
54)	PM	Chlorobenzene	2.060		
55)	CP	Ethylbenzene	3.221		
56)		(m+p)-Xylene	1.309		
57)		o-Xylene	1.322		
58)		Styrene	2.199		
59)	P	Bromoform	0.435		
60)	S	Bromofluorobenzene	0.956		
61)	I	1,4-Dichlorobenzene-d	----------ISTD---		
62)		trans-1,4-Dichloro-	0.118		
63)	P	1,1,2,2-Tetrachloro	0.509		
64)		Isopropylbenzene	3.317		
65)		1,2,3-Trichloroprop	0.476		
66)		Bromobenzene	1.009		
67)		n-Propylbenzene	3.239		
68)		2-Chlorotoluene	2.500		
69)		4-Chlorotoluene	2.118		
70)		1,3,5-Trimethylbenz	2.425		
71)		tert-Butylbenzene	2.480		
72)		1,2,4-Trimethylbenz	2.154		
73)		sec-Butylbenzene	3.033		
74)		1,3-Dichlorobenzene	1.666		
75)		p-Isopropyltoluene	2.632		
76)		1,4-Dichlorobenzene	1.586		
77)		n-Butylbenzene	1.861		
78)		1,2-Dichlorobenzene	1.565		
79)		1,2-Dibromo-3-chlor	0.114		
80)		1,2,4-Trichlorobenz	0.834		
81)		Hexachlorobutadiene	0.628		
82)		Naphthalene	1.362		
83)		1,2,3-Trichlorobenz	0.809		

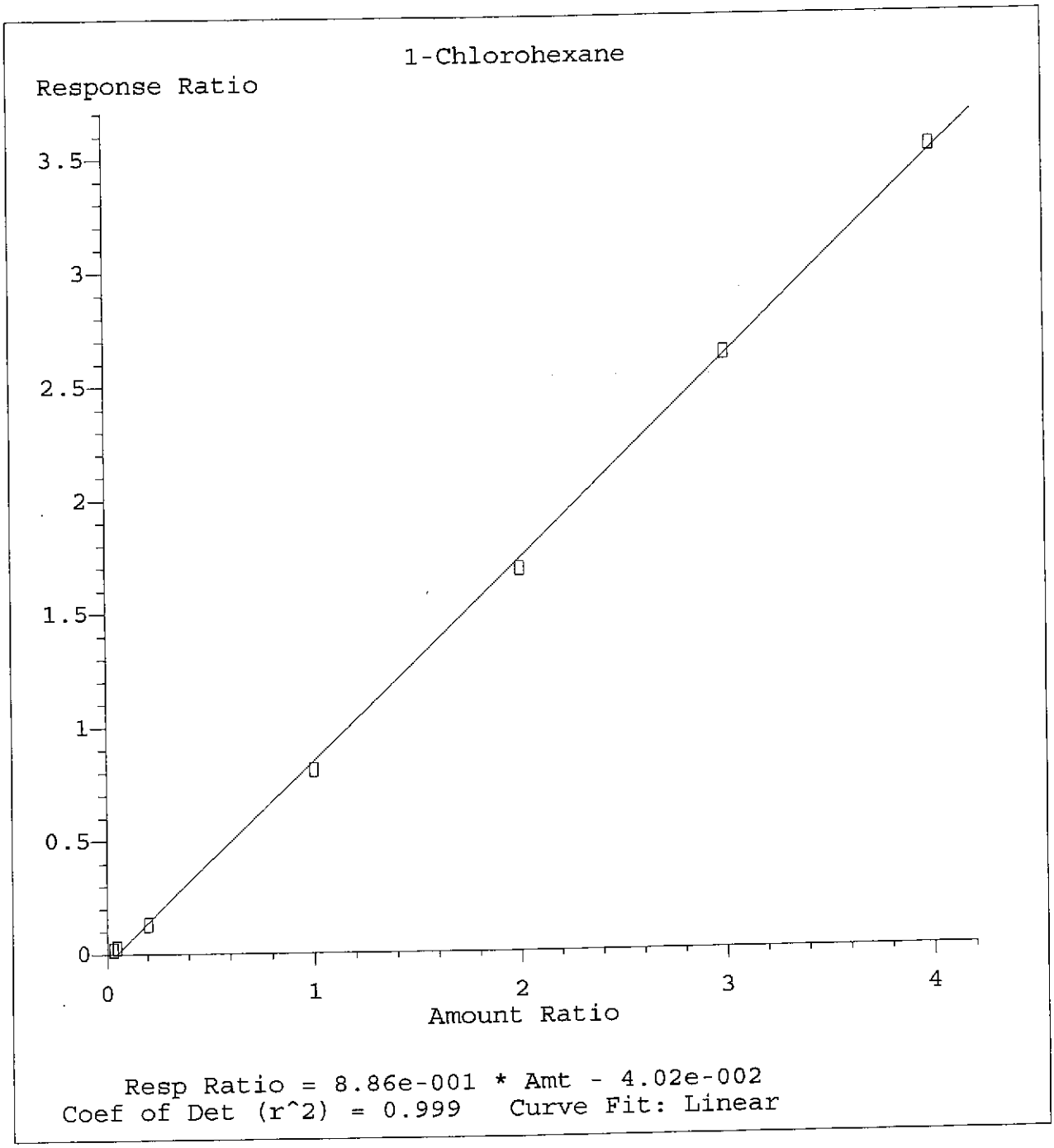
(#) = Out of Range ### Number of calibration levels exceeded format ##



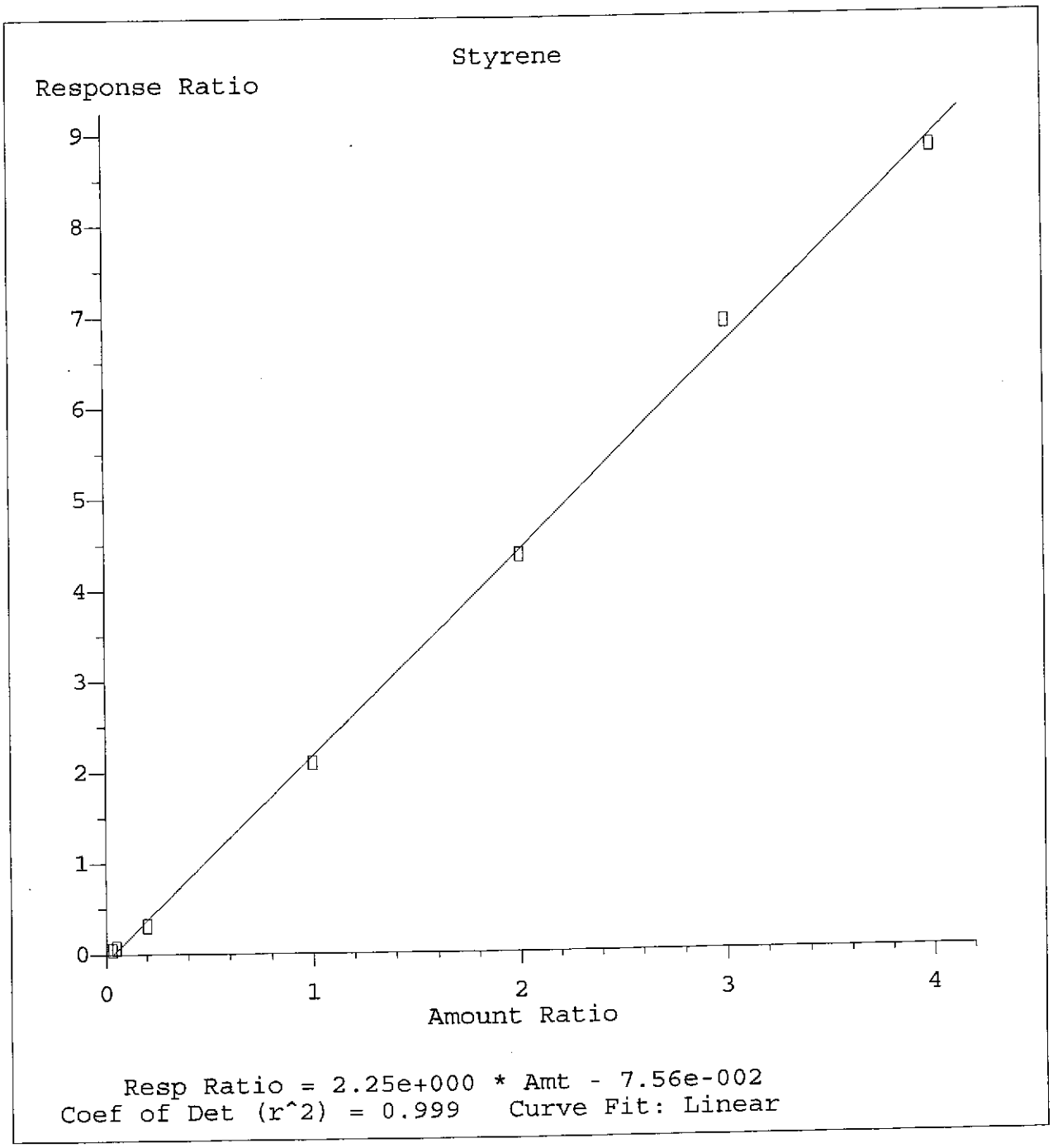
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:00:23 2007



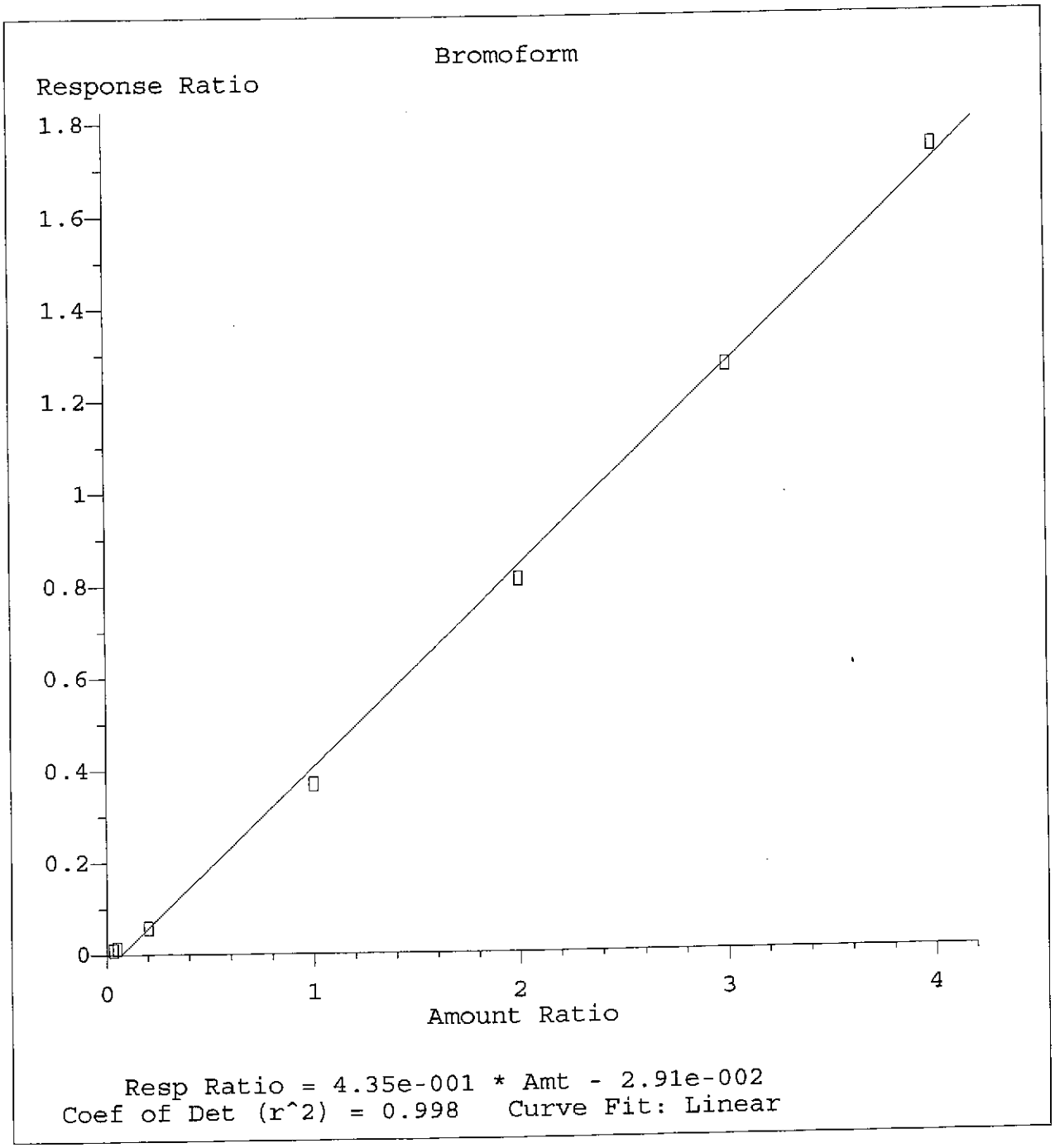
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:01:15 2007



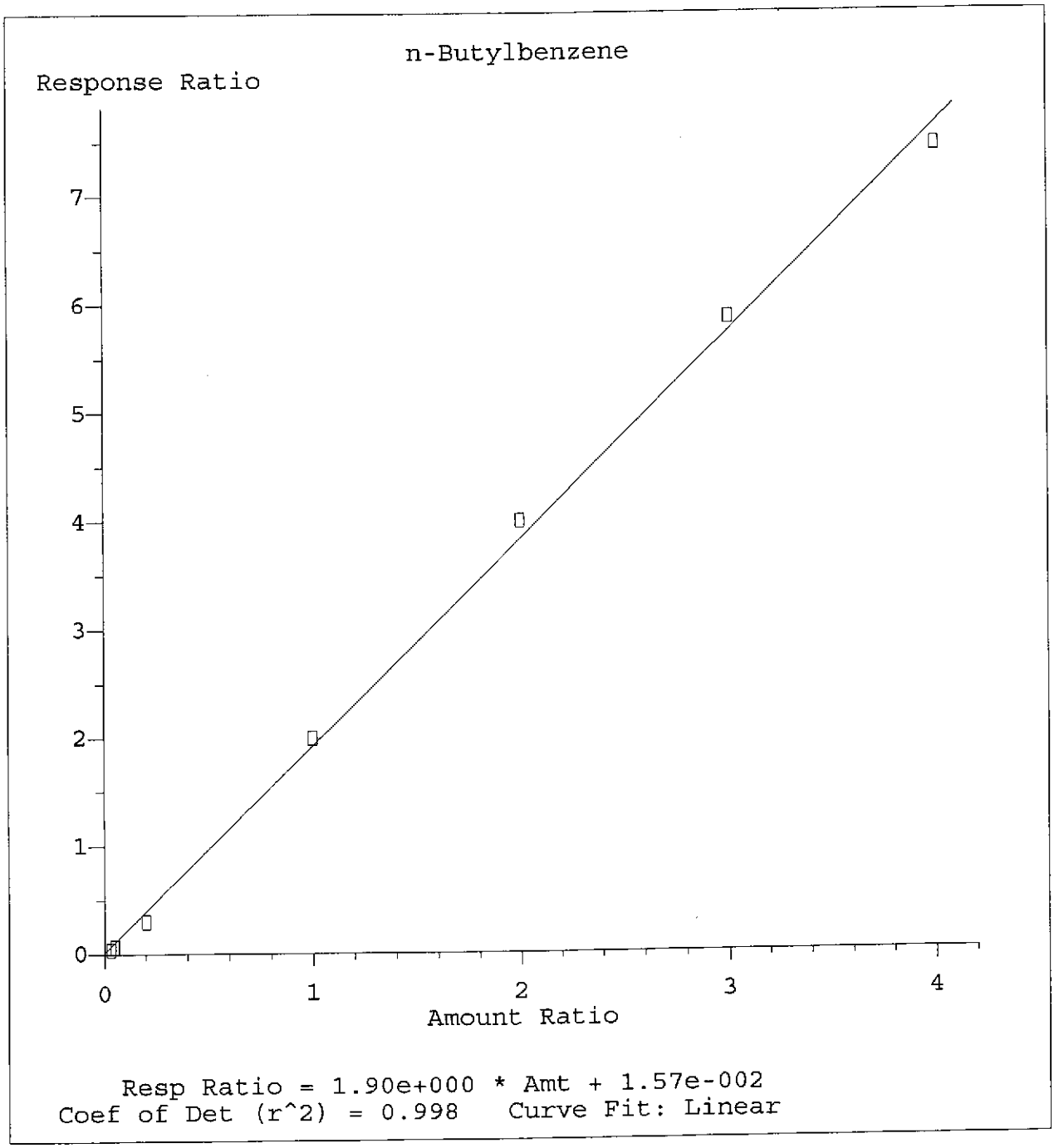
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:05:08 2007



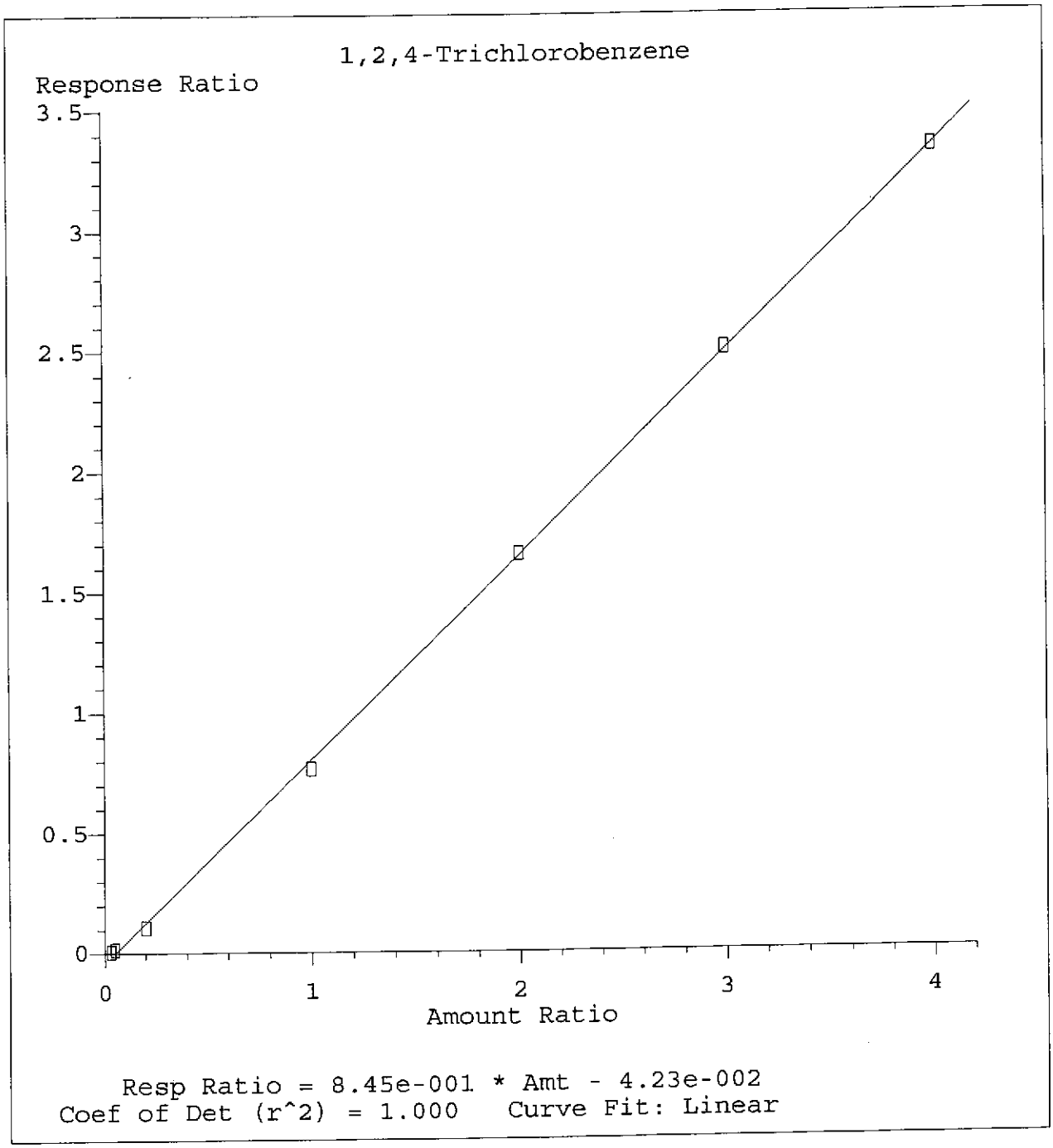
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:01 2007



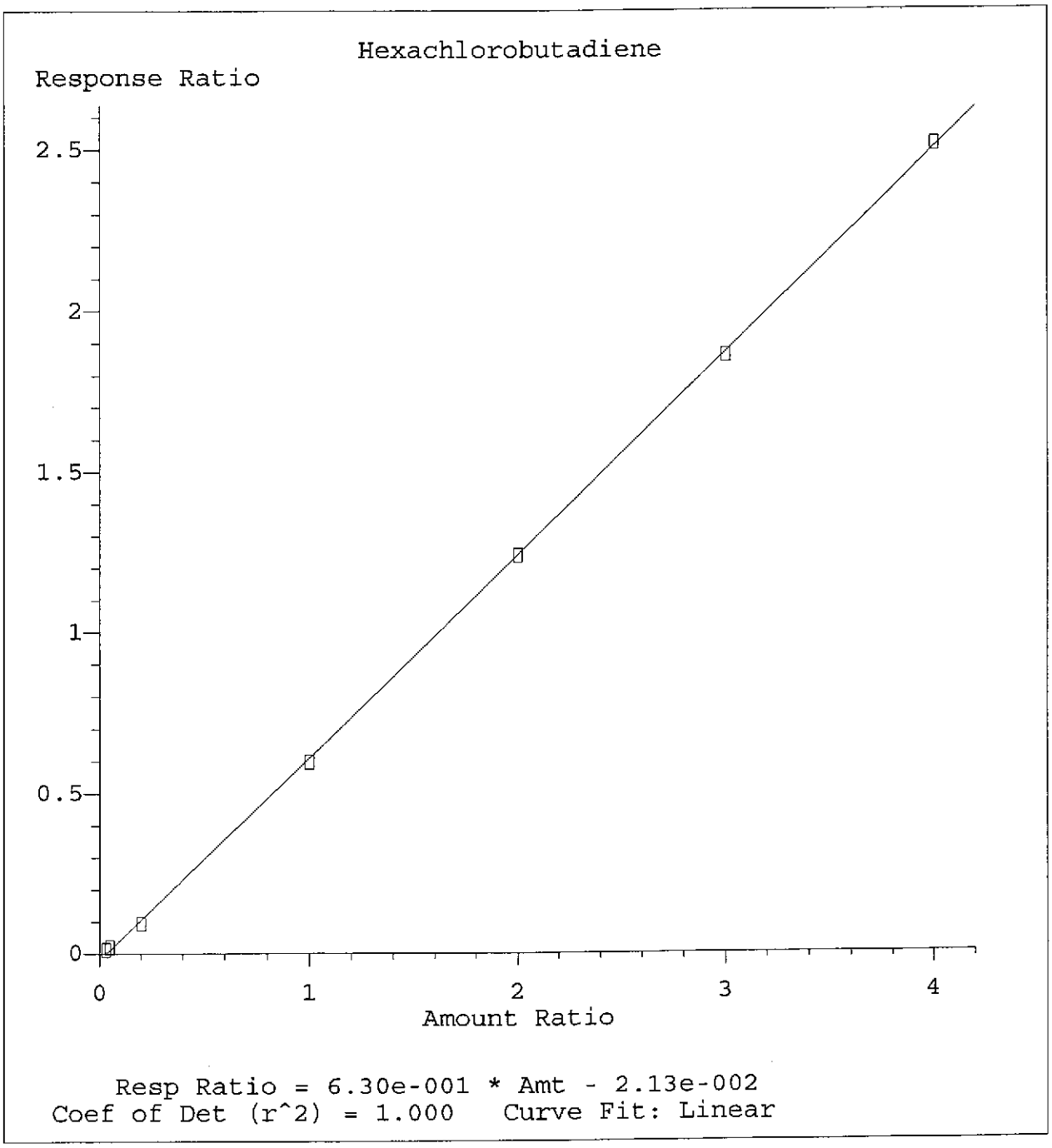
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:06:40 2007



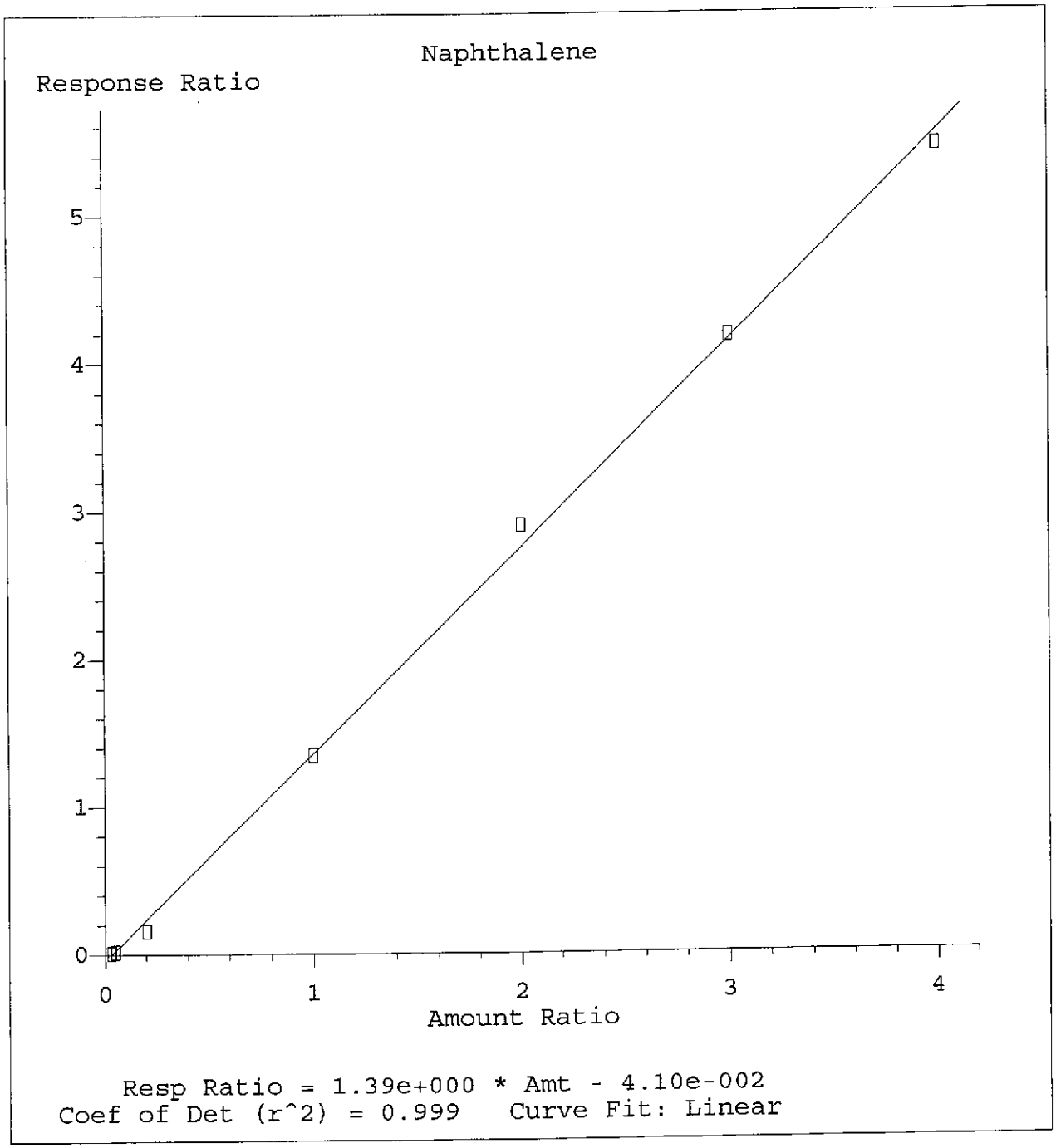
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:08:24 2007



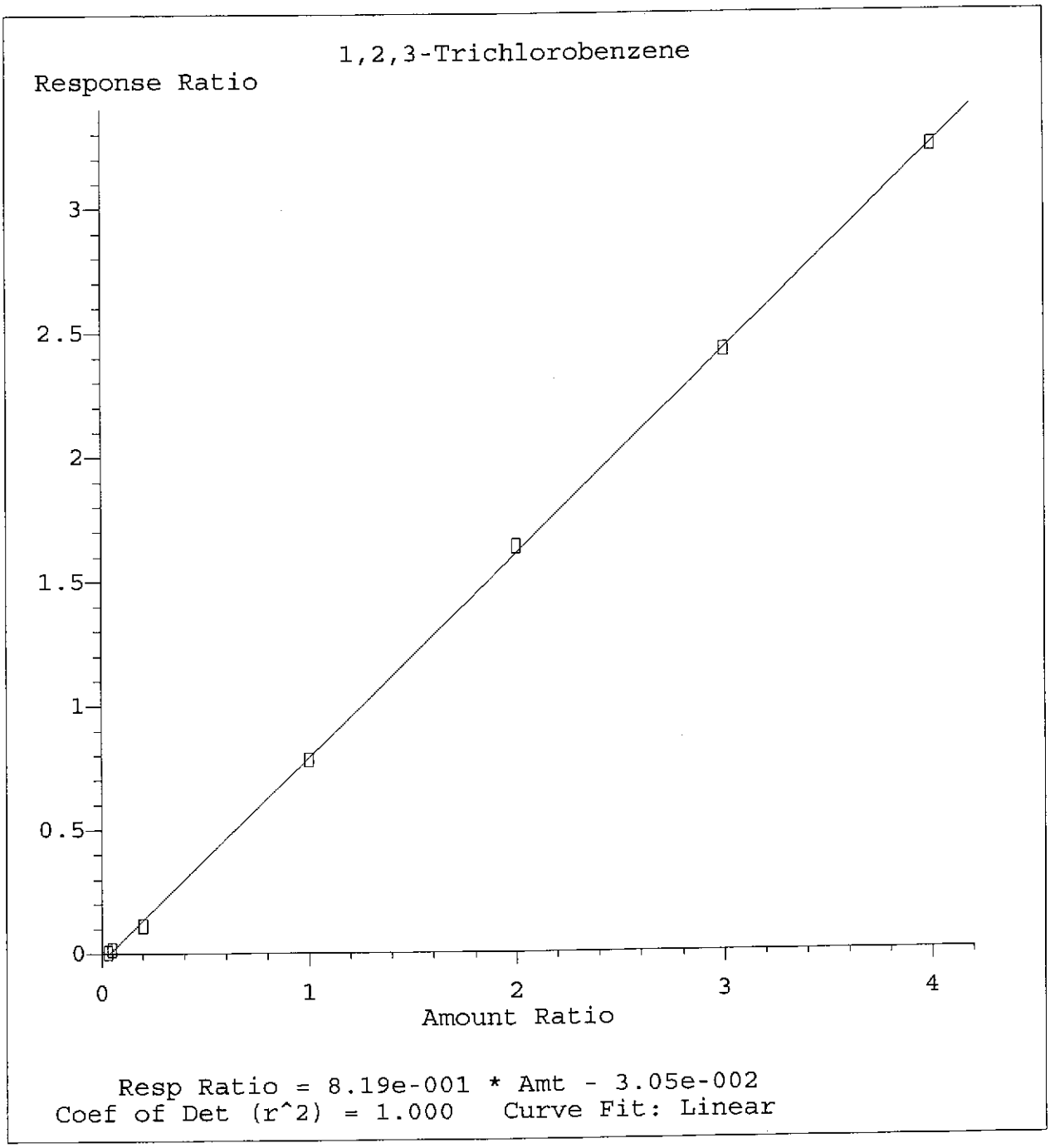
Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:03 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:32 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:10:47 2007



Method Name: C:\HPCHEM\1\METHODS\T621VOCW.M
Calibration Table Last Updated: Thu Jun 21 11:11:06 2007

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	18.7	6.4	
1,1,1,2-Tetrachloroethane	10	11	-10.3	
1,1,1-Trichloroethane	10	9.08	9.2	
1,1,2,2-Tetrachloroethane	10	8.83	11.7	
1,1,2-Trichloroethane	10	9.85	1.5	
1,1-Dichloroethane	10	9.48	5.2	
1,1-Dichloroethene	10	10.1	-1.2	
1,1-Dichloropropene	10	8.81	11.9	
1,2,3-Trichlorobenzene	10	9.16	8.4	
1,2,3-Trichloropropane	10	9.13	8.7	
1,2,4-Trichlorobenzene	10	9	10	
1,2,4-Trimethylbenzene	10	8.95	10.5	
1,2-Dibromo-3-chloropropane	10	8.48	15.2	
1,2-Dibromoethane	10	9.16	8.4	
1,2-Dichlorobenzene	10	9.91	0.9	
1,2-Dichloroethane	10	9.57	4.3	
1,2-Dichloroethane-d4	10	9.49	5.1	
1,2-Dichloropropane	10	9.38	6.2	
1,3,5-Trimethylbenzene	10	9.11	8.9	
1,3-Dichlorobenzene	10	9.95	0.5	
1,3-Dichloropropane	10	10.2	-1.6	
1,4-Dichlorobenzene	10	9.65	3.5	
1-Chlorohexane	10	9.19	8.1	
2,2-Dichloropropane	10	8.82	11.8	
2-Butanone	20	16.8	16.2	
2-Chlorotoluene	10	8.93	10.7	
4-Bromofluorobenzene	10	9.84	1.6	
4-Chlorotoluene	10	8.8	12.0	
4-Methyl-2-pentanone	20	15.9	20.6	
Acetone	20	19.4	3.0	
Benzene	10	9.94	0.6	
Bromobenzene	10	10.2	-1.8	
Bromochloromethane	10	10	-0.2	
Bromodichloromethane	10	9.78	2.2	
Bromoform	10	11.2	-12.3	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R9802
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS03_10	**Initial Calibration ID:**	973
Second Source ID:	ICV-9809	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	8.95	10.5	
Carbon tetrachloride	10	9.32	6.8	
Chlorobenzene	10	10	-0.4	
Chloroethane	10	8.8	12.0	
Chloroform	10	9.71	2.9	
Chloromethane	10	8.53	14.7	
cis-1,2-Dichloroethene	10	9.95	0.5	
cis-1,3-Dichloropropene	10	8.89	11.1	
Dibromochloromethane	10	10.8	-8.2	
Dibromofluoromethane	10	10.3	-2.7	
Dibromomethane	10	9.83	1.7	
Dichlorodifluoromethane	10	8.28	17.2	
Ethylbenzene	10	10.4	-3.7	
Hexachlorobutadiene	10	9.33	6.7	
Isopropylbenzene	10	9.24	7.6	
Methyl tert-butyl ether	10	9.45	5.5	
Methylene chloride	10	9.28	7.2	
n-Butylbenzene	10	8.53	14.7	
n-Propylbenzene	10	8.93	10.7	
Naphthalene	10	9.72	2.8	
o-Xylene	10	9.28	7.2	
p-Isopropyltoluene	10	8.91	10.9	
sec-Butylbenzene	10	9.16	8.4	
Styrene	10	8.87	11.3	
tert-Butylbenzene	10	9.1	9.0	
Tetrachloroethene	10	10.7	-6.8	
Toluene	10	9.16	8.4	
Toluene-d8	10	9.96	0.4	
trans-1,2-Dichloroethene	10	9.82	1.8	
trans-1,3-Dichloropropene	10	8.86	11.4	
Trichloroethene	10	10.4	-3.8	
Trichlorofluoromethane	10	9.12	8.8	
Vinyl chloride	10	8.77	12.3	
Xylenes (total)	30	28	6.7	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	µg/L

Analyte	Expected	Found	%D	Q
(m+p)-Xylene	20	21.8	-9.3	
1,1,1,2-Tetrachloroethane	10	10.3	-2.8	
1,1,1-Trichloroethane	10	10.4	-3.6	
1,1,2,2-Tetrachloroethane	10	9.95	0.5	
1,1,2-Trichloroethane	10	10.2	-1.8	
1,1-Dichloroethane	10	10	-0.4	
1,1-Dichloroethene	10	11	-9.6	
1,1-Dichloropropene	10	10.6	-5.6	
1,2,3-Trichlorobenzene	10	9.5	5.0	
1,2,3-Trichloropropane	10	9.89	1.1	
1,2,4-Trichlorobenzene	10	9.48	5.2	
1,2,4-Trimethylbenzene	10	10.6	-5.7	
1,2-Dibromo-3-chloropropane	10	9.8	2.0	
1,2-Dibromoethane	10	10.4	-3.9	
1,2-Dichlorobenzene	10	10.3	-3.4	
1,2-Dichloroethane	10	9.56	4.4	
1,2-Dichloroethane-d4	10	9.23	7.7	
1,2-Dichloropropane	10	10.2	-2.0	
1,3,5-Trimethylbenzene	10	10.6	-6.4	
1,3-Dichlorobenzene	10	10.6	-5.5	
1,3-Dichloropropane	10	10.3	-2.7	
1,4-Dichlorobenzene	10	10.3	-2.7	
1-Chlorohexane	10	10.5	-5.4	
2,2-Dichloropropane	10	10.3	-3.1	
2-Butanone	20	21.6	-8.0	
2-Chlorotoluene	10	10.4	-3.6	
4-Bromofluorobenzene	10	9.72	2.8	
4-Chlorotoluene	10	10.5	-5.0	
4-Methyl-2-pentanone	20	20.6	-2.8	
Acetone	20	23	-14.8	
Benzene	10	10.5	-4.9	
Bromobenzene	10	10.3	-3.1	
Bromochloromethane	10	10	-0.1	
Bromodichloromethane	10	9.56	4.4	
Bromoform	10	9.14	8.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method:	SW8260B	**AAB #:**	R10014
Lab Name:	Life Science Laboratories, In	**Contract Number:**	
Instrument ID:	MS01_11	**Initial Calibration ID:**	986
Second Source ID:	ICV-10014	**Concentration Units (mg/L or mg/kg):**	ug/L

Analyte	Expected	Found	%D	Q
Bromomethane	10	10.1	-1.0	
Carbon tetrachloride	10	10.2	-2.5	
Chlorobenzene	10	10.7	-6.6	
Chloroethane	10	11	-10	
Chloroform	10	9.86	1.4	
Chloromethane	10	11.3	-13.3	
cis-1,2-Dichloroethene	10	10.4	-3.9	
cis-1,3-Dichloropropene	10	10.3	-2.6	
Dibromochloromethane	10	9.95	0.5	
Dibromofluoromethane	10	9.89	1.1	
Dibromomethane	10	9.66	3.4	
Dichlorodifluoromethane	10	11.9	-18.9	
Ethylbenzene	10	10.8	-7.7	
Hexachlorobutadiene	10	9.54	4.6	
Isopropylbenzene	10	10.8	-7.7	
Methyl tert-butyl ether	10	10.4	-3.9	
Methylene chloride	10	10.2	-2.4	
n-Butylbenzene	10	10.1	-0.7	
n-Propylbenzene	10	11	-9.7	
Naphthalene	10	9.96	0.4	
o-Xylene	10	10.6	-6.1	
p-Isopropyltoluene	10	11	-9.6	
sec-Butylbenzene	10	11	-10.5	
Styrene	10	9.83	1.7	
tert-Butylbenzene	10	10.5	-4.8	
Tetrachloroethene	10	10.6	-5.5	
Toluene	10	10.6	-6.4	
Toluene-d8	10	10.6	-6.2	
trans-1,2-Dichloroethene	10	10.5	-4.9	
trans-1,3-Dichloropropene	10	10.3	-3.3	
Trichloroethene	10	9.9	1.0	
Trichlorofluoromethane	10	10.2	-1.5	
Vinyl chloride	10	11.3	-13.0	
Xylenes (total)	30	32.5	-8.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#3 Initial Calibration -ID: 973

ICV ID: ICV-9809 CCV #1 ID: CCV-10016 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	99	0.00
2		Dichlorodifluoromethane	0.323	0.303	6.2	93	0.00
3	P	Chloromethane	0.355	0.412	-16.1	110	0.00
4	CP	Vinyl chloride	0.317	0.363	-14.5	108	0.00
5		Bromomethane	0.256	0.327	-27.7#	127	0.00
6		Chloroethane	0.228	0.277	-21.5#	117	0.00
7		Trichlorofluoromethane	0.450	0.538	-19.6	110	0.00
8		Acetone	0.034	0.045	-32.4#	125	0.00
9	CPM	1,1-Dichloroethene	0.179	0.189	-5.6	99	0.00
10		Methylene chloride	0.290	0.281	3.1	111	0.00
11		trans-1,2-Dichloroethene	0.217	0.232	-6.9	107	0.00
12		Methyl tert-Butyl ether	0.414	0.518	-25.1#	122	0.00
13	P	1,1-Dichloroethane	0.387	0.479	-23.8#	114	0.00
14		2-Butanone	0.048	0.063	-31.3#	121	0.00
		cis-1,2-Dichloroethene	0.242	0.274	-13.2	108	0.00
		Bromochloromethane	0.105	0.112	-6.7	102	0.00
17	CP	Chloroform	0.380	0.453	-19.2	112	0.00
18		2,2-Dichloropropane	0.233	0.311	-33.5#	134	0.00
19	S	Dibromofluoromethane	0.197	0.214	-8.6	105	0.00
20	S	1,2-Dichloroethane-d4	0.202	0.250	-23.8#	116	0.00
21		1,2-Dichloroethane	0.231	0.294	-27.3#	116	0.00
22		1,1,1-Trichloroethane	0.290	0.372	-28.3#	125	0.00
23		1,1-Dichloropropene	0.282	0.356	-26.2#	112	0.00
24		Carbon tetrachloride	0.177	0.231	-30.5#	133	0.00
25	M	Benzene	0.995	1.222	-22.8#	112	0.00
26	M	Trichloroethene	0.253	0.274	-8.3	106	0.00
27		Dibromomethane	0.112	0.129	-15.2	107	0.00
28	CP	1,2-Dichloropropane	0.227	0.275	-21.1#	116	0.00
29		Bromodichloromethane	0.248	0.296	-19.4	114	0.00
30		4-Methyl-2-pentanone	0.099	0.138	-39.4#	122	0.00
31		cis-1,3-Dichloropropene	0.278	0.356	-28.1#	123	0.00
32	S	Toluene-d8	0.753	0.877	-16.5	106	0.00
33	CPM	Toluene	0.562	0.681	-21.2#	108	0.00
34		trans-1,3-Dichloropropene	0.209	0.293	-40.2#	136	0.00
35		1,1,2-Trichloroethane	0.144	0.170	-18.1	111	0.00
36		1,2-Dibromoethane	0.147	0.162	-10.2	106	0.00
37	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
38		1,3-Dichloropropane	0.834	0.948	-13.7	110	0.00
		Dibromochloromethane	0.404	0.432	-6.9	112	0.00
		Tetrachloroethene	0.609	0.622	-2.1	102	0.00

(#) = Out of Range

ABM 6-21-07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.652	0.782	-19.9	110	0.00
42		1,1,1,2-Tetrachloroethane	0.450	0.513	-14.0	120	0.00
43	PM	Chlorobenzene	1.736	1.825	-5.1	107	0.00
44	CP	Ethylbenzene	2.749	3.162	-15.0	109	0.00
45		(m+p)-Xylene	0.909	1.061	-16.7	107	0.00
46		o-Xylene	0.847	0.972	-14.8	106	0.00
47		Styrene	1.339	1.597	-19.3	108	0.00
48	P	Bromoform	0.188	0.198	-5.3	112	0.00
49	S	Bromofluorobenzene	0.726	0.688	5.2	106	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
51	P	1,1,2,2-Tetrachloroethane	0.832	0.971	-16.7	103	0.00
52		Isopropylbenzene	3.255	4.323	-32.8#	107	0.00
53		1,2,3-Trichloropropane	0.682	0.823	-20.7#	109	0.00
		Bromobenzene	0.844	0.960	-13.7	101	0.00
[illegible]		n-Propylbenzene	3.695	5.179	-40.2#	110	0.00
56		2-Chlorotoluene	2.498	3.330	-33.3#	110	0.00
57		4-Chlorotoluene	2.207	2.934	-32.9#	109	0.00
58		1,3,5-Trimethylbenzene	2.402	3.310	-37.8#	108	0.00
59		tert-Butylbenzene	2.006	2.632	-31.2#	106	0.00
60		1,2,4-Trimethylbenzene	2.291	3.139	-37.0#	108	0.00
61		sec-Butylbenzene	3.032	4.169	-37.5#	109	0.00
62		1,3-Dichlorobenzene	1.476	1.710	-15.9	102	0.00
63		p-Isopropyltoluene	2.255	3.085	-36.8#	109	0.00
64		1,4-Dichlorobenzene	1.501	1.725	-14.9	106	0.00
65		n-Butylbenzene	2.024	2.633	-30.1#	110	0.00
66		1,2-Dichlorobenzene	1.388	1.583	-14.0	102	0.00
67		1,2-Dibromo-3-chloropropane	0.079	0.108	-36.7#	123	0.00
68		1,2,4-Trichlorobenzene	0.735	0.764	-3.9	95	0.00
69		Hexachlorobutadiene	0.294	0.316	-7.5	100	0.00
70		Naphthalene	1.445	1.545	-6.9	90	0.00
71		1,2,3-Trichlorobenzene	0.689	0.738	-7.1	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	99	0.00
2		Dichlorodifluoromethane	10.000	9.387	6.1	93	0.00
3	P	Chloromethane	10.000	11.622	-16.2	110	0.00
4	CP	Vinyl chloride	10.000	11.462	-14.6	108	0.00
5		Bromomethane	10.000	12.782	-27.8#	127	0.00
6		Chloroethane	10.000	12.130	-21.3#	117	0.00
7		Trichlorofluoromethane	10.000	11.933	-19.3	110	0.00
8		Acetone	20.000	26.703	-33.5#	125	0.00
9	CPM	1,1-Dichloroethene	10.000	10.554	-5.5	99	0.00
10		Methylene chloride	10.000	10.993	-9.9	111	0.00
11		trans-1,2-Dichloroethene	10.000	10.715	-7.1	107	0.00
12		Methyl tert-Butyl ether	10.000	11.122	-11.2	122	0.00
13	P	1,1-Dichloroethane	10.000	12.375	-23.8#	114	0.00
14		2-Butanone	20.000	23.550	-17.8	121	0.00
		cis-1,2-Dichloroethene	10.000	11.330	-13.3	108	0.00
16		Bromochloromethane	10.000	10.674	-6.7	102	0.00
17	CP	Chloroform	10.000	11.913	-19.1	112	0.00
18		2,2-Dichloropropane	10.000	11.580	-15.8	134	0.00
19	S	Dibromofluoromethane	10.000	10.824	-8.2	105	0.00
20	S	1,2-Dichloroethane-d4	10.000	10.948	-9.5	116	0.00
21		1,2-Dichloroethane	10.000	12.744	-27.4#	116	0.00
22		1,1,1-Trichloroethane	10.000	11.297	-13.0	125	0.00
23		1,1-Dichloropropene	10.000	10.987	-9.9	112	0.00
24		Carbon tetrachloride	10.000	11.143	-11.4	133	0.00
25	M	Benzene	10.000	12.279	-22.8#	112	0.00
26	M	Trichloroethene	10.000	10.819	-8.2	106	0.00
27		Dibromomethane	10.000	11.496	-15.0	107	0.00
28	CP	1,2-Dichloropropane	10.000	12.127	-21.3#	116	0.00
29		Bromodichloromethane	10.000	11.947	-19.5	114	0.00
30		4-Methyl-2-pentanone	20.000	22.954	-14.8	122	0.00
31		cis-1,3-Dichloropropene	10.000	10.550	-5.5	123	0.00
32	S	Toluene-d8	10.000	10.390	-3.9	106	0.00
33	CPM	Toluene	10.000	10.565	-5.6	108	0.00
34		trans-1,3-Dichloropropene	10.000	11.192	-11.9	136	0.00
35		1,1,2-Trichloroethane	10.000	11.808	-18.1	111	0.00
36		1,2-Dibromoethane	10.000	9.818	1.8	106	0.00
37	I	Chlorobenzene-d5	10.000	10.000	0.0	100	0.00
38		1,3-Dichloropropane	10.000	11.368	-13.7	110	0.00
39		Dibromochloromethane	10.000	10.736	-7.4	112	0.00
40		Tetrachloroethene	10.000	10.219	-2.2	102	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\J3297.D
Acq On : 20 Jun 2007 22:33
Sample : CCV-10016
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 21
Operator: ABM
Inst : #3MS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\J601AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Thu Jun 21 07:42:01 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	9.878	1.2	110	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.542	-15.4	120	0.00
43	PM	Chlorobenzene	10.000	10.510	-5.1	107	0.00
44	CP	Ethylbenzene	10.000	11.505	-15.1	109	0.00
45		(m+p)-Xylene	20.000	20.022	-0.1	107	0.00
46		o-Xylene	10.000	9.573	4.3	106	0.00
47		Styrene	10.000	9.520	4.8	108	0.00
48	P	Bromoform	10.000	10.836	-8.4	112	0.00
49	S	Bromofluorobenzene	10.000	9.748	2.5	106	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	94	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	11.671	-16.7	103	0.00
52		Isopropylbenzene	10.000	11.332	-13.3	107	0.00
53		1,2,3-Trichloropropane	10.000	12.065	-20.6#	109	0.00
		Bromobenzene	10.000	11.365	-13.7	101	0.00
[illegible]		n-Propylbenzene	10.000	11.927	-19.3	110	0.00
56		2-Chlorotoluene	10.000	11.654	-16.5	110	0.00
57		4-Chlorotoluene	10.000	11.576	-15.8	109	0.00
58		1,3,5-Trimethylbenzene	10.000	11.628	-16.3	108	0.00
59		tert-Butylbenzene	10.000	10.934	-9.3	106	0.00
60		1,2,4-Trimethylbenzene	10.000	11.563	-15.6	108	0.00
61		sec-Butylbenzene	10.000	11.569	-15.7	109	0.00
62		1,3-Dichlorobenzene	10.000	11.581	-15.8	102	0.00
63		p-Isopropyltoluene	10.000	11.215	-12.1	109	0.00
64		1,4-Dichlorobenzene	10.000	11.494	-14.9	106	0.00
65		n-Butylbenzene	10.000	11.521	-15.2	110	0.00
66		1,2-Dichlorobenzene	10.000	11.398	-14.0	102	0.00
67		1,2-Dibromo-3-chloropropane	10.000	11.208	-12.1	123	0.00
68		1,2,4-Trichlorobenzene	10.000	9.294	7.1	95	0.00
69		Hexachlorobutadiene	10.000	10.764	-7.6	100	0.00
70		Naphthalene	10.000	9.137	8.6	90	0.00
71		1,2,3-Trichlorobenzene	10.000	9.675	3.2	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10074 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
IS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	109	0.00
2		Dichlorodifluoromethane	0.382	0.340	11.0	90	-0.01
3	P	Chloromethane	0.257	0.213	17.1	87	0.00
4	CP	Vinyl chloride	0.220	0.207	5.9	99	0.00
5		Bromomethane	0.187	0.147	21.4#	86	0.00
6		Chloroethane	0.128	0.125	2.3	100	0.00
7		Trichlorofluoromethane	0.581	0.557	4.1	93	0.00
8		Acetone	0.042	0.036	14.3	90	0.00
9	CPM	1,1-Dichloroethene	0.181	0.202	-11.6	115	0.00
10		Methylene chloride	0.286	0.228	20.3#	110	0.00
11		trans-1,2-Dichloroethene	0.230	0.255	-10.9	113	-0.01
12		Methyl tert-Butyl ether	0.568	0.567	0.2	106	-0.01
13	P	1,1-Dichloroethane	0.370	0.356	3.8	100	0.00
1		2-Butanone	0.054	0.045	16.7	91	0.00
1		cis-1,2-Dichloroethene	0.255	0.277	-8.6	111	0.00
16		Bromochloromethane	0.144	0.159	-10.4	118	0.00
17	CP	Chloroform	0.583	0.498	14.6	105	0.00
18		2,2-Dichloropropane	0.452	0.467	-3.3	104	0.00
19	S	Dibromofluoromethane	0.258	0.275	-6.6	109	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.288	9.4	96	0.00
21		1,2-Dichloroethane	0.379	0.355	6.3	97	0.00
22		1,1,1-Trichloroethane	0.543	0.558	-2.8	101	0.00
23		1,1-Dichloropropene	0.305	0.310	-1.6	103	-0.01
24		Carbon tetrachloride	0.466	0.483	-3.6	105	0.00
25	M	Benzene	0.850	0.848	0.2	103	0.00
26	M	Trichloroethene	0.295	0.302	-2.4	108	0.00
27		Dibromomethane	0.144	0.143	0.7	103	0.00
28	CP	1,2-Dichloropropane	0.180	0.169	6.1	100	0.00
29		Bromodichloromethane	0.371	0.349	5.9	101	0.00
30		4-Methyl-2-pentanone	0.131	0.113	13.7	88	-0.01
31		cis-1,3-Dichloropropene	0.344	0.343	0.3	106	-0.01
32	S	Toluene-d8	0.965	1.064	-10.3	112	0.00
33	CPM	Toluene	0.696	0.747	-7.3	110	0.00
34		trans-1,3-Dichloropropene	0.327	0.329	-0.6	101	0.00
35		1,1,2-Trichloroethane	0.139	0.141	-1.4	105	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
37		1,2-Dibromoethane	0.474	0.539	-13.7	112	0.00
3		1,3-Dichloropropane	0.684	0.710	-3.8	101	0.00
		Dibromochloromethane	0.645	0.728	-12.9	114	0.00
40		Tetrachloroethene	0.828	1.018	-22.9#	117	0.00

(#) = Out of Range

Daniel M. Stern 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.911	-21.1#	114	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.811	-18.0	114	0.00
43	PM	Chlorobenzene	2.009	2.395	-19.2	115	0.00
44	CP	Ethylbenzene	3.262	3.695	-13.3	107	0.00
45		(m+p)-Xylene	1.206	1.440	-19.4	115	0.00
46		o-Xylene	1.213	1.419	-17.0	114	0.00
47		Styrene	1.899	2.311	-21.7#	111	0.00
48	P	Bromoform	0.353	0.440	-24.6#	120	0.00
49	S	Bromofluorobenzene	0.946	1.006	-6.3	107	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.474	11.4	100	0.00
52		Isopropylbenzene	3.690	3.835	-3.9	112	0.00
53		1,2,3-Trichloropropane	0.490	0.434	11.4	100	0.00
54		Bromobenzene	1.019	1.083	-6.3	118	0.00
55		n-Propylbenzene	3.403	3.413	-0.3	106	0.00
56		2-Chlorotoluene	2.613	2.517	3.7	105	0.00
57		4-Chlorotoluene	2.145	2.085	2.8	106	0.00
58		1,3,5-Trimethylbenzene	2.455	2.492	-1.5	109	0.00
59		tert-Butylbenzene	2.609	2.685	-2.9	112	-0.01
60		1,2,4-Trimethylbenzene	2.175	2.220	-2.1	108	0.00
61		sec-Butylbenzene	3.216	3.438	-6.9	110	0.00
62		1,3-Dichlorobenzene	1.649	1.775	-7.6	116	0.00
63		p-Isopropyltoluene	2.678	2.855	-6.6	110	0.00
64		1,4-Dichlorobenzene	1.599	1.648	-3.1	116	0.00
65		n-Butylbenzene	1.705	1.786	-4.8	104	0.00
66		1,2-Dichlorobenzene	1.558	1.662	-6.7	115	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.094	11.3	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.815	-31.7#	123	-0.01
69		Hexachlorobutadiene	0.532	0.603	-13.3	117	0.00
70		Naphthalene	1.015	1.425	-40.4#	123	0.00
71		1,2,3-Trichlorobenzene	0.605	0.824	-36.2#	122	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
IS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	109	0.00
2		Dichlorodifluoromethane	10.000	8.920	10.8	90	-0.01
3	P	Chloromethane	10.000	8.279	17.2	87	0.00
4	CP	Vinyl chloride	10.000	9.429	5.7	99	0.00
5		Bromomethane	10.000	7.897	21.0#	86	0.00
6		Chloroethane	10.000	9.781	2.2	100	0.00
7		Trichlorofluoromethane	10.000	9.601	4.0	93	0.00
8		Acetone	20.000	17.000	15.0	90	0.00
9	CPM	1,1-Dichloroethene	10.000	11.173	-11.7	115	0.00
10		Methylene chloride	10.000	10.160	-1.6	110	0.00
11		trans-1,2-Dichloroethene	10.000	11.054	-10.5	113	-0.01
12		Methyl tert-Butyl ether	10.000	9.983	0.2	106	-0.01
13	P	1,1-Dichloroethane	10.000	9.633	3.7	100	0.00
J		2-Butanone	20.000	16.780	16.1	91	0.00
1_		cis-1,2-Dichloroethene	10.000	10.854	-8.5	111	0.00
16		Bromochloromethane	10.000	11.022	-10.2	118	0.00
17	CP	Chloroform	10.000	9.859	1.4	105	0.00
18		2,2-Dichloropropane	10.000	10.328	-3.3	104	0.00
19	S	Dibromofluoromethane	10.000	10.642	-6.4	109	0.00
20	S	1,2-Dichloroethane-d4	10.000	9.050	9.5	96	0.00
21		1,2-Dichloroethane	10.000	9.355	6.4	97	0.00
22		1,1,1-Trichloroethane	10.000	10.274	-2.7	101	0.00
23		1,1-Dichloropropene	10.000	10.176	-1.8	103	-0.01
24		Carbon tetrachloride	10.000	10.362	-3.6	105	0.00
25	M	Benzene	10.000	9.973	0.3	103	0.00
26	M	Trichloroethene	10.000	10.220	-2.2	108	0.00
27		Dibromomethane	10.000	9.890	1.1	103	0.00
28	CP	1,2-Dichloropropane	10.000	9.414	5.9	100	0.00
29		Bromodichloromethane	10.000	9.409	5.9	101	0.00
30		4-Methyl-2-pentanone	20.000	17.131	14.3	88	-0.01
31		cis-1,3-Dichloropropene	10.000	9.992	0.1	106	-0.01
32	S	Toluene-d8	10.000	11.023	-10.2	112	0.00
33	CPM	Toluene	10.000	10.740	-7.4	110	0.00
34		trans-1,3-Dichloropropene	10.000	10.062	-0.6	101	0.00
35		1,1,2-Trichloroethane	10.000	10.163	-1.6	105	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	101	0.00
37		1,2-Dibromoethane	10.000	11.377	-13.8	112	0.00
^^		1,3-Dichloropropane	10.000	10.386	-3.9	101	0.00
		Dibromochloromethane	10.000	11.283	-12.8	114	0.00
40		Tetrachloroethene	10.000	12.296	-23.0#	117	0.00

(#) = Out of Range

David M Bolden 6/26/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9138.D
Acq On : 25 Jun 2007 9:02
Sample : CCV-10074
Misc : CCV ,8260WAF_40CAL,
IS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Mon Jun 25 13:42:21 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	10.736	-7.4	114	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.800	-18.0	114	0.00
43	PM	Chlorobenzene	10.000	11.922	-19.2	115	0.00
44	CP	Ethylbenzene	10.000	11.328	-13.3	107	0.00
45		(m+p)-Xylene	20.000	23.885	-19.4	115	0.00
46		o-Xylene	10.000	11.695	-17.0	114	0.00
47		Styrene	10.000	10.611	-6.1	111	0.00
48	P	Bromoform	10.000	10.787	-7.9	120	0.00
49	S	Bromofluorobenzene	10.000	10.626	-6.3	107	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	116	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	8.848	11.5	100	0.00
52		Isopropylbenzene	10.000	10.393	-3.9	112	0.00
[illegible]		1,2,3-Trichloropropane	10.000	8.855	11.4	100	0.00
5[illegible]		Bromobenzene	10.000	10.623	-6.2	118	0.00
55		n-Propylbenzene	10.000	10.032	-0.3	106	0.00
56		2-Chlorotoluene	10.000	9.630	3.7	105	0.00
57		4-Chlorotoluene	10.000	9.720	2.8	106	0.00
58		1,3,5-Trimethylbenzene	10.000	10.152	-1.5	109	0.00
59		tert-Butylbenzene	10.000	10.289	-2.9	112	-0.01
60		1,2,4-Trimethylbenzene	10.000	10.206	-2.1	108	0.00
61		sec-Butylbenzene	10.000	10.691	-6.9	110	0.00
62		1,3-Dichlorobenzene	10.000	10.766	-7.7	116	0.00
63		p-Isopropyltoluene	10.000	10.660	-6.6	110	0.00
64		1,4-Dichlorobenzene	10.000	10.309	-3.1	116	0.00
65		n-Butylbenzene	10.000	9.292	7.1	104	0.00
66		1,2-Dichlorobenzene	10.000	10.667	-6.7	115	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.842	11.6	101	0.00
68		1,2,4-Trichlorobenzene	10.000	10.146	-1.5	123	-0.01
69		Hexachlorobutadiene	10.000	9.908	0.9	117	0.00
70		Naphthalene	10.000	10.515	-5.2	123	0.00
71		1,2,3-Trichlorobenzene	10.000	10.432	-4.3	122	-0.01

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: 8260 AAB #:

Lab Name: Life Science Laboratories, Inc. Contract #:

Instrument ID: HP5973 GCMS#1 Initial Calibration -ID: 986

ICV ID: ICV-10014 CCV #1 ID: CCV-10095 CCV #2 ID:

SEE ATTACHED

Comments:

AFCEE FORM O-5

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	123	0.00
2		Dichlorodifluoromethane	0.382	0.314	17.8	93	0.00
3	P	Chloromethane	0.257	0.242	5.8	112	0.00
4	CP	Vinyl chloride	0.220	0.222	-0.9	119	0.00
5		Bromomethane	0.187	0.153	18.2	101	0.00
6		Chloroethane	0.128	0.135	-5.5	121	0.00
7		Trichlorofluoromethane	0.581	0.496	14.6	94	0.00
8		Acetone	0.042	0.036	14.3	100	0.00
9	CPM	1,1-Dichloroethene	0.181	0.209	-15.5	134	0.00
10		Methylene chloride	0.286	0.236	17.5	129	0.00
11		trans-1,2-Dichloroethene	0.230	0.255	-10.9	128	0.00
12		Methyl tert-Butyl ether	0.568	0.555	2.3	117	0.00
13	P	1,1-Dichloroethane	0.370	0.348	5.9	110	0.00
14		2-Butanone	0.054	0.046	14.8	105	0.00
15		cis-1,2-Dichloroethene	0.255	0.283	-11.0	128	0.00
		Bromochloromethane	0.144	0.156	-8.3	130	0.00
17	CP	Chloroform	0.583	0.463	20.6#	110	0.00
18		2,2-Dichloropropane	0.452	0.423	6.4	107	0.00
19	S	Dibromofluoromethane	0.258	0.257	0.4	115	0.00
20	S	1,2-Dichloroethane-d4	0.318	0.249	21.7#	94	0.00
21		1,2-Dichloroethane	0.379	0.302	20.3#	94	0.00
22		1,1,1-Trichloroethane	0.543	0.510	6.1	104	0.00
23		1,1-Dichloropropene	0.305	0.306	-0.3	115	0.00
24		Carbon tetrachloride	0.466	0.423	9.2	103	0.00
25	M	Benzene	0.850	0.865	-1.8	119	0.00
26	M	Trichloroethene	0.295	0.295	0.0	119	0.00
27		Dibromomethane	0.144	0.131	9.0	107	0.00
28	CP	1,2-Dichloropropane	0.180	0.169	6.1	113	0.00
29		Bromodichloromethane	0.371	0.317	14.6	104	0.00
30		4-Methyl-2-pentanone	0.131	0.112	14.5	99	0.00
31		cis-1,3-Dichloropropene	0.344	0.343	0.3	119	0.00
32	S	Toluene-d8	0.965	1.067	-10.6	127	0.00
33	CPM	Toluene	0.696	0.758	-8.9	126	0.00
34		trans-1,3-Dichloropropene	0.327	0.307	6.1	106	0.00
35		1,1,2-Trichloroethane	0.139	0.140	-0.7	118	0.00
36	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
37		1,2-Dibromoethane	0.474	0.539	-13.7	123	0.00
38		1,3-Dichloropropane	0.684	0.719	-5.1	112	0.00
39		Dibromochloromethane	0.645	0.690	-7.0	119	0.00
		Tetrachloroethene	0.828	1.011	-22.1#	128	0.00

(#) = Out of Range

David M Bolden 6/27/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		1-Chlorohexane	0.752	0.977	-29.9#	134	0.00
42		1,1,1,2-Tetrachloroethane	0.687	0.759	-10.5	118	0.00
43	PM	Chlorobenzene	2.009	2.411	-20.0#	127	0.00
44	CP	Ethylbenzene	3.262	3.733	-14.4	119	0.00
45		(m+p)-Xylene	1.206	1.473	-22.1#	129	0.00
46		o-Xylene	1.213	1.469	-21.1#	129	0.00
47		Styrene	1.899	2.306	-21.4#	122	0.00
48	P	Bromoform	0.353	0.409	-15.9	123	0.00
49	S	Bromofluorobenzene	0.946	1.007	-6.4	118	0.00
50	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	121	0.00
51	P	1,1,2,2-Tetrachloroethane	0.535	0.514	3.9	114	0.00
52		Isopropylbenzene	3.690	4.009	-8.6	122	0.00
53		1,2,3-Trichloropropane	0.490	0.445	9.2	107	0.00
		Bromobenzene	1.019	1.103	-8.2	126	0.00
[illegible]		n-Propylbenzene	3.403	3.628	-6.6	118	0.00
56		2-Chlorotoluene	2.613	2.629	-0.6	115	0.00
57		4-Chlorotoluene	2.145	2.157	-0.6	115	0.00
58		1,3,5-Trimethylbenzene	2.455	2.559	-4.2	117	0.00
59		tert-Butylbenzene	2.609	2.761	-5.8	121	0.00
60		1,2,4-Trimethylbenzene	2.175	2.281	-4.9	117	0.00
61		sec-Butylbenzene	3.216	3.588	-11.6	121	0.00
62		1,3-Dichlorobenzene	1.649	1.815	-10.1	125	0.00
63		p-Isopropyltoluene	2.678	2.909	-8.6	118	0.00
64		1,4-Dichlorobenzene	1.599	1.699	-6.3	125	0.00
65		n-Butylbenzene	1.705	1.823	-6.9	111	0.00
66		1,2-Dichlorobenzene	1.558	1.704	-9.4	123	0.00
67		1,2-Dibromo-3-chloropropane	0.106	0.089	16.0	101	0.00
68		1,2,4-Trichlorobenzene	0.619	0.814	-31.5#	129	0.00
69		Hexachlorobutadiene	0.532	0.597	-12.2	122	0.00
70		Naphthalene	1.015	1.502	-48.0#	136	0.00
71		1,2,3-Trichlorobenzene	0.605	0.836	-38.2#	130	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	10.000	10.000	0.0	123	0.00
2		Dichlorodifluoromethane	10.000	8.219	17.8	93	0.00
3	P	Chloromethane	10.000	9.416	5.8	112	0.00
4	CP	Vinyl chloride	10.000	10.104	-1.0	119	0.00
5		Bromomethane	10.000	8.181	18.2	101	0.00
6		Chloroethane	10.000	10.531	-5.3	121	0.00
7		Trichlorofluoromethane	10.000	8.538	14.6	94	0.00
8		Acetone	20.000	16.798	16.0	100	0.00
9	CPM	1,1-Dichloroethene	10.000	11.582	-15.8	134	0.00
10		Methylene chloride	10.000	10.507	-5.1	129	0.00
11		trans-1,2-Dichloroethene	10.000	11.090	-10.9	128	0.00
12		Methyl tert-Butyl ether	10.000	9.779	2.2	117	0.00
13	P	1,1-Dichloroethane	10.000	9.402	6.0	110	0.00
14		2-Butanone	20.000	17.064	14.7	105	0.00
		cis-1,2-Dichloroethene	10.000	11.098	-11.0	128	0.00
[illegible]		Bromochloromethane	10.000	10.771	-7.7	130	0.00
17	CP	Chloroform	10.000	9.145	8.6	110	0.00
18		2,2-Dichloropropane	10.000	9.357	6.4	107	0.00
19	S	Dibromofluoromethane	10.000	9.950	0.5	115	0.00
20	S	1,2-Dichloroethane-d4	10.000	7.844	21.6#	94	0.00
21		1,2-Dichloroethane	10.000	7.966	20.3#	94	0.00
22		1,1,1-Trichloroethane	10.000	9.382	6.2	104	0.00
23		1,1-Dichloropropene	10.000	10.040	-0.4	115	0.00
24		Carbon tetrachloride	10.000	9.068	9.3	103	0.00
25	M	Benzene	10.000	10.182	-1.8	119	0.00
26	M	Trichloroethene	10.000	9.995	0.1	119	0.00
27		Dibromomethane	10.000	9.043	9.6	107	0.00
28	CP	1,2-Dichloropropane	10.000	9.402	6.0	113	0.00
29		Bromodichloromethane	10.000	8.564	14.4	104	0.00
30		4-Methyl-2-pentanone	20.000	17.023	14.9	99	0.00
31		cis-1,3-Dichloropropene	10.000	9.987	0.1	119	0.00
32	S	Toluene-d8	10.000	11.053	-10.5	127	0.00
33	CPM	Toluene	10.000	10.889	-8.9	126	0.00
34		trans-1,3-Dichloropropene	10.000	9.389	6.1	106	0.00
35		1,1,2-Trichloroethane	10.000	10.064	-0.6	118	0.00
36	I	Chlorobenzene-d5	10.000	10.000	0.0	111	0.00
37		1,2-Dibromoethane	10.000	11.384	-13.8	123	0.00
38		1,3-Dichloropropane	10.000	10.521	-5.2	112	0.00
39		Dibromochloromethane	10.000	10.698	-7.0	119	0.00
		Tetrachloroethene	10.000	12.213	-22.1#	128	0.00

(#) = Out of Range

6/27/07

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\T9182.D
Acq On : 26 Jun 2007 13:54
Sample : CCV-10095
Misc : CCV ,8260WAF_40CAL,
MS Integration Params: RTEINT.P

Vial: 16
Operator: DMB
Inst : #1MS11
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\T621AF31.M (RTE Integrator)
Title : VOC's w/Restek Rtx-VMS, 0.18 mm x 40 m, 1.0 df
Last Update : Tue Jun 26 08:58:06 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		1-Chlorohexane	10.000	11.483	-14.8	134	0.00
42		1,1,1,2-Tetrachloroethane	10.000	11.036	-10.4	118	0.00
43	PM	Chlorobenzene	10.000	11.998	-20.0	127	0.00
44	CP	Ethylbenzene	10.000	11.446	-14.5	119	0.00
45		(m+p)-Xylene	20.000	24.420	-22.1#	129	0.00
46		o-Xylene	10.000	12.105	-21.1#	129	0.00
47		Styrene	10.000	10.588	-5.9	122	0.00
48	P	Bromoform	10.000	10.085	-0.9	123	0.00
49	S	Bromofluorobenzene	10.000	10.640	-6.4	118	0.00
50	I	1,4-Dichlorobenzene-d4	10.000	10.000	0.0	121	0.00
51	P	1,1,2,2-Tetrachloroethane	10.000	9.599	4.0	114	0.00
52		Isopropylbenzene	10.000	10.865	-8.7	122	0.00
53		1,2,3-Trichloropropane	10.000	9.086	9.1	107	0.00
		Bromobenzene	10.000	10.818	-8.2	126	0.00
		n-Propylbenzene	10.000	10.662	-6.6	118	0.00
56		2-Chlorotoluene	10.000	10.061	-0.6	115	0.00
57		4-Chlorotoluene	10.000	10.057	-0.6	115	0.00
58		1,3,5-Trimethylbenzene	10.000	10.424	-4.2	117	0.00
59		tert-Butylbenzene	10.000	10.583	-5.8	121	0.00
60		1,2,4-Trimethylbenzene	10.000	10.489	-4.9	117	0.00
61		sec-Butylbenzene	10.000	11.157	-11.6	121	0.00
62		1,3-Dichlorobenzene	10.000	11.004	-10.0	125	0.00
63		p-Isopropyltoluene	10.000	10.862	-8.6	118	0.00
64		1,4-Dichlorobenzene	10.000	10.626	-6.3	125	0.00
65		n-Butylbenzene	10.000	9.485	5.2	111	0.00
66		1,2-Dichlorobenzene	10.000	10.933	-9.3	123	0.00
67		1,2-Dibromo-3-chloropropane	10.000	8.394	16.1	101	0.00
68		1,2,4-Trichlorobenzene	10.000	10.135	-1.3	129	0.00
69		Hexachlorobutadiene	10.000	9.809	1.9	122	0.00
70		Naphthalene	10.000	11.065	-10.6	136	0.00
71		1,2,3-Trichlorobenzene	10.000	10.586	-5.9	130	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10016
Initial Calibration ID:	973	**File ID:**	J3300.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10016
Initial Calibration ID:	973	**File ID:**	J3300.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.120	1.00	F
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	108	72 - 119	
4-Bromofluorobenzene	89	76 - 119	
Dibromofluoromethane	104	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10016
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10016
Initial Calibration ID:	973	**File ID:**	J3300.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	100	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	561155	349954 - 1399814	
Chlorobenzene-d5	1059102	532652 - 2130606	
Fluorobenzene	3095046	1485912 - 5943646	

Comments:

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

MB-10016

Lab Name: Life Science Laboratories, Inc. Contract: 002275.PT04.

Lab Code: LSLB Case No.: E & E SAS No.: _____ SDG No.: 07060970

Matrix: (soil/water) WATER Lab Sample ID: MB-10016

Sample wt/vol: 10 (g/mL) ML Lab File ID: J3300.D

Level: LOW Date Received:

% Moisture: not dec. Date Analyzed: 6/21/2007

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 1 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.		unknown	2.67	1.69	J

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10074
Initial Calibration ID:	986	**File ID:**	T9143.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10074
Initial Calibration ID:	986	**File ID:**	T9143.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	89	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	102	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10074
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10074
Initial Calibration ID:	986	**File ID:**	T9143.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	700566	353482 - 1413926	
Chlorobenzene-d5	837849	383378 - 1533514	
Fluorobenzene	2072012	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Analyte	Method Blank	RL	Q
(m+p)-Xylene	0.0280	2.00	U
1,1,1,2-Tetrachloroethane	0.0540	0.500	U
1,1,1-Trichloroethane	0.0150	1.00	U
1,1,2,2-Tetrachloroethane	0.0810	0.500	U
1,1,2-Trichloroethane	0.0280	1.00	U
1,1-Dichloroethane	0.0330	1.00	U
1,1-Dichloroethene	0.0460	1.00	U
1,1-Dichloropropene	0.0240	1.00	U
1,2,3-Trichlorobenzene	0.0360	1.00	U
1,2,3-Trichloropropane	0.0460	1.00	U
1,2,4-Trichlorobenzene	0.0250	1.00	U
1,2,4-Trimethylbenzene	0.0120	1.00	U
1,2-Dibromo-3-chloropropane	0.261	2.00	U
1,2-Dibromoethane	0.0350	1.00	U
1,2-Dichlorobenzene	0.0190	1.00	U
1,2-Dichloroethane	0.0240	0.500	U
1,2-Dichloropropane	0.0260	1.00	U
1,3,5-Trimethylbenzene	0.0130	1.00	U
1,3-Dichlorobenzene	0.0200	1.00	U
1,3-Dichloropropane	0.0230	0.500	U
1,4-Dichlorobenzene	0.0170	0.500	U
1-Chlorohexane	0.0470	1.00	U
2,2-Dichloropropane	0.0820	1.00	U
2-Butanone	0.649	10.0	U
2-Chlorotoluene	0.0120	1.00	U
4-Chlorotoluene	0.0170	1.00	U
4-Methyl-2-pentanone	0.375	10.0	U
Acetone	0.823	10.0	U
Benzene	0.0100	0.500	U
Bromobenzene	0.0280	1.00	U
Bromochloromethane	0.0590	1.00	U
Bromodichloromethane	0.0310	0.500	U
Bromoform	0.0470	1.00	U
Bromomethane	0.0590	3.00	U
Carbon tetrachloride	0.0320	1.00	U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Analyte	Method Blank	RL	Q
Chlorobenzene	0.0110	0.500	U
Chloroethane	0.116	1.00	U
Chloroform	0.0290	0.500	U
Chloromethane	0.126	1.00	U
cis-1,2-Dichloroethene	0.0320	1.00	U
cis-1,3-Dichloropropene	0.0210	0.500	U
Dibromochloromethane	0.0410	0.500	U
Dibromomethane	0.0380	1.00	U
Dichlorodifluoromethane	0.0670	1.00	U
Ethylbenzene	0.0240	1.00	U
Hexachlorobutadiene	0.0610	0.600	U
Isopropylbenzene	0.0210	1.00	U
Methyl tert-butyl ether	0.0250	5.00	U
Methylene chloride	0.0340	1.00	U
n-Butylbenzene	0.0130	1.00	U
n-Propylbenzene	0.00900	1.00	U
Naphthalene	0.0240	1.00	U
o-Xylene	0.0140	1.00	U
p-Isopropyltoluene	0.0140	1.00	U
sec-Butylbenzene	0.0170	1.00	U
Styrene	0.0200	1.00	U
tert-Butylbenzene	0.0160	1.00	U
Tetrachloroethene	0.0300	1.00	U
Toluene	0.0180	1.00	U
trans-1,2-Dichloroethene	0.0270	1.00	U
trans-1,3-Dichloropropene	0.0290	1.00	U
Trichloroethene	0.0270	1.00	U
Trichlorofluoromethane	0.0200	1.00	U
Vinyl chloride	0.0380	1.00	U
Xylenes (total)	0.0420	2.00	U

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	79	72 - 119	
4-Bromofluorobenzene	95	76 - 119	
Dibromofluoromethane	94	85 - 115	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
BLANKS

Analytical Method:	SW8260B	**AAB #:**	R10095
Lab Name:	Life Science Laboratories, Inc.	**Contract Number:**	
Units:	µg/L	**Method Blank ID:**	MB-10095
Initial Calibration ID:	986	**File ID:**	T9186.D

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	728082	353482 - 1413926	
Chlorobenzene-d5	871682	383378 - 1533514	
Fluorobenzene	2233354	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10016

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10016 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3298.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	18.4	92	76 - 128	
1,1,1,2-Tetrachloroethane	10	11.0	110	81 - 129	
1,1,1-Trichloroethane	10	10.4	104	67 - 132	
1,1,2,2-Tetrachloroethane	10	10.7	107	63 - 128	
1,1,2-Trichloroethane	10	10.9	109	75 - 125	
1,1-Dichloroethane	10	11.3	113	69 - 133	
1,1-Dichloroethene	10	10.3	103	68 - 130	
1,1-Dichloropropene	10	10.2	102	73 - 132	
1,2,3-Trichlorobenzene	10	9.17	92	67 - 137	
1,2,3-Trichloropropane	10	10.9	109	73 - 124	
1,2,4-Trichlorobenzene	10	8.96	90	66 - 134	
1,2,4-Trimethylbenzene	10	10.6	106	74 - 132	
1,2-Dibromo-3-chloropropane	10	10.1	101	50 - 132	
1,2-Dibromoethane	10	9.32	93	80 - 121	
1,2-Dichlorobenzene	10	10.8	108	71 - 122	
1,2-Dichloroethane	10	11.4	114	69 - 132	
1,2-Dichloropropane	10	11.6	116	75 - 125	
1,3,5-Trimethylbenzene	10	10.6	106	74 - 131	
1,3-Dichlorobenzene	10	10.9	109	75 - 124	
1,3-Dichloropropane	10	10.9	109	73 - 126	
1,4-Dichlorobenzene	10	10.6	106	74 - 123	
1-Chlorohexane	10	9.37	94	70 - 125	
2,2-Dichloropropane	10	10.5	105	69 - 137	
2-Butanone	20	22.7	114	49 - 136	
2-Chlorotoluene	10	10.7	107	73 - 126	
4-Chlorotoluene	10	10.7	107	74 - 128	
4-Methyl-2-pentanone	20	21.1	106	58 - 134	
Acetone	20	26.8	134	40 - 135	
Benzene	10	11.3	113	81 - 122	
Bromobenzene	10	10.6	106	76 - 124	
Bromochloromethane	10	9.79	98	65 - 129	
Bromodichloromethane	10	10.8	108	76 - 121	
Bromoform	10	10.2	102	69 - 128	
Bromomethane	10	10.8	108	30 - 141	
Carbon tetrachloride	10	10.5	105	66 - 138	
Chlorobenzene	10	9.63	96	81 - 122	
Chloroethane	10	11.3	113	58 - 133	
Chloroform	10	10.8	108	69 - 128	
Chloromethane	10	11.0	110	56 - 131	
cis-1,2-Dichloroethene	10	10.1	101	72 - 126	
cis-1,3-Dichloropropene	10	10.1	101	69 - 131	
Dibromochloromethane	10	10.3	103	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10016

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10016 **Initial Calibration ID:** 973

Concentration Units (mg/L or mg/kg): µg/L **File ID:** J3298.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	10.4	104	76 - 125	
Dichlorodifluoromethane	10	9.19	92	30 - 153	
Ethylbenzene	10	10.6	106	73 - 127	
Hexachlorobutadiene	10	9.88	99	67 - 131	
Isopropylbenzene	10	10.5	105	75 - 127	
Methyl tert-butyl ether	10	10.7	107	65 - 123	
Methylene chloride	10	10.2	102	63 - 137	
n-Butylbenzene	10	10.7	107	69 - 137	
n-Propylbenzene	10	10.9	109	72 - 129	
Naphthalene	10	9.24	92	54 - 138	
o-Xylene	10	9.20	92	80 - 121	
p-Isopropyltoluene	10	10.0	100	73 - 130	
sec-Butylbenzene	10	10.6	106	72 - 127	
Styrene	10	9.18	92	65 - 134	
tert-Butylbenzene	10	10.2	102	70 - 129	
Tetrachloroethene	10	9.34	93	66 - 128	
Toluene	10	9.83	98	77 - 122	
trans-1,2-Dichloroethene	10	9.78	98	63 - 137	
trans-1,3-Dichloropropene	10	10.3	103	59 - 135	
Trichloroethene	10	9.91	99	70 - 127	
Trichlorofluoromethane	10	10.6	106	57 - 129	
Vinyl chloride	10	11.2	112	50 - 134	
Xylenes (total)	30	27.6	92	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	102	72 - 119	
4-Bromofluorobenzene	98	76 - 119	
Dibromofluoromethane	102	85 - 115	
Toluene-d8	103	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	752166	349954 - 1399814	
Chlorobenzene-d5	1207074	532652 - 2130606	
Fluorobenzene	3303362	1485912 - 5943646	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10074 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9139.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	22.3	112	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.9	109	81 - 129	
1,1,1-Trichloroethane	10	9.71	97	67 - 132	
1,1,2,2-Tetrachloroethane	10	8.41	84	63 - 128	
1,1,2-Trichloroethane	10	9.61	96	75 - 125	
1,1-Dichloroethane	10	8.85	88	69 - 133	
1,1-Dichloroethene	10	10.8	108	68 - 130	
1,1-Dichloropropene	10	9.64	96	73 - 132	
1,2,3-Trichlorobenzene	10	9.73	97	67 - 137	
1,2,3-Trichloropropane	10	8.22	82	73 - 124	
1,2,4-Trichlorobenzene	10	9.56	96	66 - 134	
1,2,4-Trimethylbenzene	10	9.48	95	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.24	82	50 - 132	
1,2-Dibromoethane	10	10.8	108	80 - 121	
1,2-Dichlorobenzene	10	10.1	101	71 - 122	
1,2-Dichloroethane	10	8.58	86	69 - 132	
1,2-Dichloropropane	10	8.93	89	75 - 125	
1,3,5-Trimethylbenzene	10	9.54	95	74 - 131	
1,3-Dichlorobenzene	10	10.2	102	75 - 124	
1,3-Dichloropropane	10	9.78	98	73 - 126	
1,4-Dichlorobenzene	10	9.74	97	74 - 123	
1-Chlorohexane	10	10.3	103	70 - 125	
2,2-Dichloropropane	10	9.24	92	69 - 137	
2-Butanone	20	17.5	87	49 - 136	
2-Chlorotoluene	10	9.08	91	73 - 126	
4-Chlorotoluene	10	9.19	92	74 - 128	
4-Methyl-2-pentanone	20	16.6	83	58 - 134	
Acetone	20	19.1	95	40 - 135	
Benzene	10	9.43	94	81 - 122	
Bromobenzene	10	9.87	99	76 - 124	
Bromochloromethane	10	10.5	105	65 - 129	
Bromodichloromethane	10	8.94	89	76 - 121	
Bromoform	10	9.97	100	69 - 128	
Bromomethane	10	8.57	86	30 - 141	
Carbon tetrachloride	10	9.86	99	66 - 138	
Chlorobenzene	10	11.0	110	81 - 122	
Chloroethane	10	9.79	98	58 - 133	
Chloroform	10	9.16	92	69 - 128	
Chloromethane	10	9.11	91	56 - 131	
cis-1,2-Dichloroethene	10	10.3	103	72 - 126	
cis-1,3-Dichloropropene	10	9.29	93	69 - 131	
Dibromochloromethane	10	10.3	103	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10074 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9139.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	9.19	92	76 - 125	
Dichlorodifluoromethane	10	10.8	108	30 - 153	
Ethylbenzene	10	10.4	104	73 - 127	
Hexachlorobutadiene	10	9.03	90	67 - 131	
Isopropylbenzene	10	9.69	97	75 - 127	
Methyl tert-butyl ether	10	9.77	98	65 - 123	
Methylene chloride	10	9.50	95	63 - 137	
n-Butylbenzene	10	8.68	87	69 - 137	
n-Propylbenzene	10	9.51	95	72 - 129	
Naphthalene	10	10.0	100	54 - 138	
o-Xylene	10	10.9	109	80 - 121	
p-Isopropyltoluene	10	10.0	100	73 - 130	
sec-Butylbenzene	10	9.95	100	72 - 127	
Styrene	10	9.83	98	65 - 134	
tert-Butylbenzene	10	9.59	96	70 - 129	
Tetrachloroethene	10	11.6	116	66 - 128	
Toluene	10	10.2	102	77 - 122	
trans-1,2-Dichloroethene	10	10.5	105	63 - 137	
trans-1,3-Dichloropropene	10	9.43	94	59 - 135	
Trichloroethene	10	9.75	98	70 - 127	
Trichlorofluoromethane	10	9.28	93	57 - 129	
Vinyl chloride	10	10.1	101	50 - 134	
Xylenes (total)	30	33.2	111	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	88	72 - 119	
4-Bromofluorobenzene	102	76 - 119	
Dibromofluoromethane	103	85 - 115	
Toluene-d8	108	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	929492	353482 - 1413926	
Chlorobenzene-d5	887278	383378 - 1533514	
Fluorobenzene	2128565	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9183.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	24.2	121	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.6	106	81 - 129	
1,1,1-Trichloroethane	10	9.02	90	67 - 132	
1,1,2,2-Tetrachloroethane	10	9.16	92	63 - 128	
1,1,2-Trichloroethane	10	9.78	98	75 - 125	
1,1-Dichloroethane	10	9.02	90	69 - 133	
1,1-Dichloroethene	10	11.2	112	68 - 130	
1,1-Dichloropropene	10	9.63	96	73 - 132	
1,2,3-Trichlorobenzene	10	10.0	101	67 - 137	
1,2,3-Trichloropropane	10	8.59	86	73 - 124	
1,2,4-Trichlorobenzene	10	10.1	101	66 - 134	
1,2,4-Trimethylbenzene	10	10.2	102	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.12	81	50 - 132	
1,2-Dibromoethane	10	11.1	111	80 - 121	
1,2-Dichlorobenzene	10	10.7	107	71 - 122	
1,2-Dichloroethane	10	7.66	77	69 - 132	
1,2-Dichloropropane	10	9.10	91	75 - 125	
1,3,5-Trimethylbenzene	10	10.2	102	74 - 131	
1,3-Dichlorobenzene	10	10.6	106	75 - 124	
1,3-Dichloropropane	10	10.2	102	73 - 126	
1,4-Dichlorobenzene	10	10.2	102	74 - 123	
1-Chlorohexane	10	11.2	112	70 - 125	
2,2-Dichloropropane	10	8.95	90	69 - 137	
2-Butanone	20	17.1	85	49 - 136	
2-Chlorotoluene	10	9.60	96	73 - 126	
4-Chlorotoluene	10	9.68	97	74 - 128	
4-Methyl-2-pentanone	20	16.2	81	58 - 134	
Acetone	20	17.9	90	40 - 135	
Benzene	10	9.94	99	81 - 122	
Bromobenzene	10	10.3	103	76 - 124	
Bromochloromethane	10	10.4	104	65 - 129	
Bromodichloromethane	10	8.41	84	76 - 121	
Bromoform	10	9.78	98	69 - 128	
Bromomethane	10	8.85	88	30 - 141	
Carbon tetrachloride	10	8.83	88	66 - 138	
Chlorobenzene	10	11.6	116	81 - 122	
Chloroethane	10	9.99	100	58 - 133	
Chloroform	10	8.84	88	69 - 128	
Chloromethane	10	9.17	92	56 - 131	
cis-1,2-Dichloroethene	10	10.5	105	72 - 126	
cis-1,3-Dichloropropene	10	9.50	95	69 - 131	
Dibromochloromethane	10	10.1	101	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCS-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9183.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	8.91	89	76 - 125	
Dichlorodifluoromethane	10	9.84	98	30 - 153	
Ethylbenzene	10	11.0	110	73 - 127	
Hexachlorobutadiene	10	9.44	94	67 - 131	
Isopropylbenzene	10	10.4	104	75 - 127	
Methyl tert-butyl ether	10	9.60	96	65 - 123	
Methylene chloride	10	10.1	101	63 - 137	
n-Butylbenzene	10	9.14	91	69 - 137	
n-Propylbenzene	10	10.3	103	72 - 129	
Naphthalene	10	10.8	108	54 - 138	
o-Xylene	10	11.8	118	80 - 121	
p-Isopropyltoluene	10	10.6	106	73 - 130	
sec-Butylbenzene	10	10.8	108	72 - 127	
Styrene	10	10.6	106	65 - 134	
tert-Butylbenzene	10	10.2	102	70 - 129	
Tetrachloroethene	10	11.9	119	66 - 128	
Toluene	10	10.6	106	77 - 122	
trans-1,2-Dichloroethene	10	10.8	108	63 - 137	
trans-1,3-Dichloropropene	10	9.25	92	59 - 135	
Trichloroethene	10	9.56	96	70 - 127	
Trichlorofluoromethane	10	8.21	82	57 - 129	
Vinyl chloride	10	10.1	101	50 - 134	
Xylenes (total)	30	35.9	120	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	72 - 119	
4-Bromofluorobenzene	99	76 - 119	
Dibromofluoromethane	95	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	984533	353482 - 1413926	
Chlorobenzene-d5	967358	383378 - 1533514	
Fluorobenzene	2409712	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9184.D

Analyte	Expected	Found	%R	Control Limits	Q
(m+p)-Xylene	20	21.8	109	76 - 128	
1,1,1,2-Tetrachloroethane	10	10.0	101	81 - 129	
1,1,1-Trichloroethane	10	8.67	87	67 - 132	
1,1,2,2-Tetrachloroethane	10	9.08	91	63 - 128	
1,1,2-Trichloroethane	10	9.64	96	75 - 125	
1,1-Dichloroethane	10	8.71	87	69 - 133	
1,1-Dichloroethene	10	10.7	107	68 - 130	
1,1-Dichloropropene	10	9.28	93	73 - 132	
1,2,3-Trichlorobenzene	10	9.75	98	67 - 137	
1,2,3-Trichloropropane	10	8.48	85	73 - 124	
1,2,4-Trichlorobenzene	10	9.57	96	66 - 134	
1,2,4-Trimethylbenzene	10	9.70	97	74 - 132	
1,2-Dibromo-3-chloropropane	10	8.39	84	50 - 132	
1,2-Dibromoethane	10	10.4	104	80 - 121	
1,2-Dichlorobenzene	10	10.1	101	71 - 122	
1,2-Dichloroethane	10	7.45	75	69 - 132	
1,2-Dichloropropane	10	8.91	89	75 - 125	
1,3,5-Trimethylbenzene	10	9.62	96	74 - 131	
1,3-Dichlorobenzene	10	10.2	102	75 - 124	
1,3-Dichloropropane	10	9.63	96	73 - 126	
1,4-Dichlorobenzene	10	9.81	98	74 - 123	
1-Chlorohexane	10	10.3	103	70 - 125	
2,2-Dichloropropane	10	8.35	84	69 - 137	
2-Butanone	20	17.2	86	49 - 136	
2-Chlorotoluene	10	9.33	93	73 - 126	
4-Chlorotoluene	10	9.26	93	74 - 128	
4-Methyl-2-pentanone	20	15.9	79	58 - 134	
Acetone	20	18.1	91	40 - 135	
Benzene	10	9.47	95	81 - 122	
Bromobenzene	10	10.1	101	76 - 124	
Bromochloromethane	10	9.94	99	65 - 129	
Bromodichloromethane	10	8.02	80	76 - 121	
Bromoform	10	9.15	92	69 - 128	
Bromomethane	10	8.79	88	30 - 141	
Carbon tetrachloride	10	8.54	85	66 - 138	
Chlorobenzene	10	10.7	107	81 - 122	
Chloroethane	10	9.79	98	58 - 133	
Chloroform	10	8.47	85	69 - 128	
Chloromethane	10	8.79	88	56 - 131	
cis-1,2-Dichloroethene	10	10.2	102	72 - 126	
cis-1,3-Dichloropropene	10	9.06	91	69 - 131	
Dibromochloromethane	10	9.65	97	66 - 133	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 8
LABORATORY CONTROL SAMPLE

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

LCS ID: LCSD-10095 **Initial Calibration ID:** 986

Concentration Units (mg/L or mg/kg): µg/L **File ID:** T9184.D

Analyte	Expected	Found	%R	Control Limits	Q
Dibromomethane	10	8.61	86	76 - 125	
Dichlorodifluoromethane	10	9.54	95	30 - 153	
Ethylbenzene	10	10.1	101	73 - 127	
Hexachlorobutadiene	10	8.85	88	67 - 131	
Isopropylbenzene	10	10.2	102	75 - 127	
Methyl tert-butyl ether	10	9.35	94	65 - 123	
Methylene chloride	10	9.59	96	63 - 137	
n-Butylbenzene	10	8.65	86	69 - 137	
n-Propylbenzene	10	9.87	99	72 - 129	
Naphthalene	10	10.6	106	54 - 138	
o-Xylene	10	10.6	106	80 - 121	
p-Isopropyltoluene	10	9.95	100	73 - 130	
sec-Butylbenzene	10	10.2	103	72 - 127	
Styrene	10	9.54	95	65 - 134	
tert-Butylbenzene	10	9.82	98	70 - 129	
Tetrachloroethene	10	11.0	110	66 - 128	
Toluene	10	10.1	101	77 - 122	
trans-1,2-Dichloroethene	10	10.4	104	63 - 137	
trans-1,3-Dichloropropene	10	8.94	89	59 - 135	
Trichloroethene	10	9.35	94	70 - 127	
Trichlorofluoromethane	10	7.97	80	57 - 129	
Vinyl chloride	10	9.90	99	50 - 134	
Xylenes (total)	30	32.4	108	80 - 121	

Surrogate	Recovery	Control Limits	Qualifier
1,2-Dichloroethane-d4	76	72 - 119	
4-Bromofluorobenzene	97	76 - 119	
Dibromofluoromethane	94	85 - 115	
Toluene-d8	106	81 - 120	

Internal Std	Area Counts	Area Count Limits	Qualifier
1,4-Dichlorobenzene-d4	973475	353482 - 1413926	
Chlorobenzene-d5	1021460	383378 - 1533514	
Fluorobenzene	2472373	866434 - 3465734	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): ug/L **% Solids:** 0

Parent Field Sample ID: AOC9-TW86-GW **MS ID:** 0706097-004AMS **MSD ID:** 0706097-004AMSD

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	22.7	113	21.9	110	3	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	10.3	103	10.3	103	0	81 - 129	20	
1,1,1-Trichloroethane		10.0	8.78	88	9.08	91	3	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	9.08	91	9.65	97	6	63 - 128	20	
1,1,2-Trichloroethane		10.0	9.54	95	9.86	99	3	75 - 125	20	
1,1-Dichloroethane		10.0	8.60	86	8.93	89	4	69 - 133	20	
1,1-Dichloroethene		10.0	10.5	105	10.9	109	3	68 - 130	20	
1,1-Dichloropropene		10.0	9.35	94	9.70	97	4	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	9.77	98	10.2	103	5	67 - 137	20	
1,2,3-Trichloropropane		10.0	8.23	82	8.82	88	7	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	9.72	97	10.1	101	4	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	9.83	98	9.76	98	1	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	7.54	75	7.87	79	4	50 - 132	20	
1,2-Dibromoethane		10.0	10.8	108	10.6	106	2	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.3	103	10.5	105	2	71 - 122	20	
1,2-Dichloroethane		10.0	7.59	76	7.86	79	3	69 - 132	20	
1,2-Dichloropropane		10.0	8.83	88	9.19	92	4	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	9.80	98	9.88	99	1	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.3	103	10.5	105	3	75 - 124	20	
1,3-Dichloropropane		10.0	9.81	98	9.85	98	0	73 - 126	20	
1,4-Dichlorobenzene		10.0	9.81	98	10.0	100	2	74 - 123	20	
1-Chlorohexane		10.0	10.6	106	10.6	106	1	70 - 125	20	
2,2-Dichloropropane		10.0	7.51	75	7.58	76	1	69 - 137	20	
2-Butanone		20.0	15.0	75	14.7	74	2	49 - 136	20	
2-Chlorotoluene		10.0	9.34	93	9.62	96	3	73 - 126	20	
4-Chlorotoluene		10.0	9.41	94	9.73	97	3	74 - 128	20	
4-Methyl-2-pentanone		20.0	15.5	78	15.5	78	0	58 - 134	20	
Acetone		20.0	13.4	67	13.6	68	1	40 - 135	20	
Benzene		10.0	9.56	96	9.93	99	4	81 - 122	20	
Bromobenzene		10.0	10.2	102	10.7	107	5	76 - 124	20	
Bromochloromethane		10.0	10.1	101	10.2	103	1	65 - 129	20	
Bromodichloromethane		10.0	8.04	80	8.23	82	2	76 - 121	20	
Bromoform		10.0	9.00	90	9.12	91	1	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: AOC9-TW86-GW **MS ID:** 0706097-004AMS **MSD ID:** 0706097-004AMSD

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	8.05	80	8.72	87	8	30 - 141	20	
Carbon tetrachloride		10.0	8.37	84	8.59	86	3	66 - 138	20	
Chlorobenzene		10.0	11.2	112	11.1	111	1	81 - 122	20	
Chloroethane		10.0	9.25	92	10.1	101	9	58 - 133	20	
Chloroform		10.0	8.49	85	8.75	88	3	69 - 128	20	
Chloromethane		10.0	8.31	83	9.02	90	8	56 - 131	20	
cis-1,2-Dichloroethene		10.0	10.3	103	10.5	105	2	72 - 126	20	
cis-1,3-Dichloropropene		10.0	8.79	88	9.02	90	3	69 - 131	20	
Dibromochloromethane		10.0	9.64	96	9.65	97	0	66 - 133	20	
Dibromomethane		10.0	8.65	86	9.03	90	4	76 - 125	20	
Dichlorodifluoromethane		10.0	8.93	89	9.67	97	8	30 - 153	20	
Ethylbenzene		10.0	10.6	106	10.5	105	2	73 - 127	20	
Hexachlorobutadiene		10.0	9.16	92	9.26	93	1	67 - 131	20	
Isopropylbenzene		10.0	10.1	101	10.6	106	5	75 - 127	20	
Methyl tert-butyl ether		10.0	9.14	91	9.52	95	4	65 - 123	20	
Methylene chloride		10.0	9.09	91	9.42	94	4	63 - 137	20	
n-Butylbenzene		10.0	8.93	89	9.09	91	2	69 - 137	20	
n-Propylbenzene		10.0	9.85	98	10.1	101	2	72 - 129	20	
Naphthalene		10.0	10.4	104	10.7	107	2	54 - 138	20	
o-Xylene		10.0	11.2	112	10.8	108	3	80 - 121	20	
p-Isopropyltoluene		10.0	10.2	102	10.4	104	2	73 - 130	20	
sec-Butylbenzene		10.0	10.4	104	10.6	106	2	72 - 127	20	
Styrene		10.0	9.91	99	9.15	92	8	65 - 134	20	
tert-Butylbenzene		10.0	9.92	99	10.2	102	2	70 - 129	20	
Tetrachloroethene	0.210	10.0	11.6	114	11.6	114	0	66 - 128	20	
Toluene		10.0	10.4	104	10.6	106	2	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.1	101	10.6	106	4	63 - 137	20	
trans-1,3-Dichloropropene		10.0	8.62	86	8.88	89	3	59 - 135	20	
Trichloroethene	0.510	10.0	9.73	92	10.0	95	3	70 - 127	20	
Trichlorofluoromethane		10.0	7.81	78	8.19	82	5	57 - 129	20	
Vinyl chloride		10.0	9.22	92	10.1	101	9	50 - 134	20	
Xylenes (total)		30.0	33.8	113	32.7	109	3	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10095 **MS ID:** LCS-10095 **MSD ID:** LCSD-10095

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
(m+p)-Xylene		20.0	24.2	121	21.8	109	10	76 - 128	20	
1,1,1,2-Tetrachloroethane		10.0	10.6	106	10.0	101	5	81 - 129	20	
1,1,1-Trichloroethane		10.0	9.02	90	8.67	87	4	67 - 132	20	
1,1,2,2-Tetrachloroethane		10.0	9.16	92	9.08	91	1	63 - 128	20	
1,1,2-Trichloroethane		10.0	9.78	98	9.64	96	1	75 - 125	20	
1,1-Dichloroethane		10.0	9.02	90	8.71	87	3	69 - 133	20	
1,1-Dichloroethene		10.0	11.2	112	10.7	107	5	68 - 130	20	
1,1-Dichloropropene		10.0	9.63	96	9.28	93	4	73 - 132	20	
1,2,3-Trichlorobenzene		10.0	10.0	101	9.75	98	3	67 - 137	20	
1,2,3-Trichloropropane		10.0	8.59	86	8.48	85	1	73 - 124	20	
1,2,4-Trichlorobenzene		10.0	10.1	101	9.57	96	5	66 - 134	20	
1,2,4-Trimethylbenzene		10.0	10.2	102	9.70	97	5	74 - 132	20	
1,2-Dibromo-3-chloropropane		10.0	8.12	81	8.39	84	3	50 - 132	20	
1,2-Dibromoethane		10.0	11.1	111	10.4	104	7	80 - 121	20	
1,2-Dichlorobenzene		10.0	10.7	107	10.1	101	6	71 - 122	20	
1,2-Dichloroethane		10.0	7.66	77	7.45	75	3	69 - 132	20	
1,2-Dichloropropane		10.0	9.10	91	8.91	89	2	75 - 125	20	
1,3,5-Trimethylbenzene		10.0	10.2	102	9.62	96	6	74 - 131	20	
1,3-Dichlorobenzene		10.0	10.6	106	10.2	102	4	75 - 124	20	
1,3-Dichloropropane		10.0	10.2	102	9.63	96	5	73 - 126	20	
1,4-Dichlorobenzene		10.0	10.2	102	9.81	98	4	74 - 123	20	
1-Chlorohexane		10.0	11.2	112	10.3	103	8	70 - 125	20	
2,2-Dichloropropane		10.0	8.95	90	8.35	84	7	69 - 137	20	
2-Butanone		20.0	17.1	85	17.2	86	1	49 - 136	20	
2-Chlorotoluene		10.0	9.60	96	9.33	93	3	73 - 126	20	
4-Chlorotoluene		10.0	9.68	97	9.26	93	4	74 - 128	20	
4-Methyl-2-pentanone		20.0	16.2	81	15.9	79	2	58 - 134	20	
Acetone		20.0	17.9	90	18.1	91	1	40 - 135	20	
Benzene		10.0	9.94	99	9.47	95	5	81 - 122	20	
Bromobenzene		10.0	10.3	103	10.1	101	2	76 - 124	20	
Bromochloromethane		10.0	10.4	104	9.94	99	4	65 - 129	20	
Bromodichloromethane		10.0	8.41	84	8.02	80	5	76 - 121	20	
Bromoform		10.0	9.78	98	9.15	92	7	69 - 128	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
MATRIX SPIKE/MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Concentration Units (mg/L or mg/kg): µg/L **% Solids:** 0

Parent Field Sample ID: LCSD-10095 **MS ID:** LCS-10095 **MSD ID:** LCSD-10095

Calibration ID: 986

Analyte	Parent Sample Result	Spike Added	Spiked Sample Result	%R	Duplicate Spiked Sample Result	%R	%RPD	Control Limits %R	Control Limits %RPD	Q
Bromomethane		10.0	8.85	88	8.79	88	1	30 - 141	20	
Carbon tetrachloride		10.0	8.83	88	8.54	85	3	66 - 138	20	
Chlorobenzene		10.0	11.6	116	10.7	107	8	81 - 122	20	
Chloroethane		10.0	9.99	100	9.79	98	2	58 - 133	20	
Chloroform		10.0	8.84	88	8.47	85	4	69 - 128	20	
Chloromethane		10.0	9.17	92	8.79	88	4	56 - 131	20	
cis-1,2-Dichloroethene		10.0	10.5	105	10.2	102	2	72 - 126	20	
cis-1,3-Dichloropropene		10.0	9.50	95	9.06	91	5	69 - 131	20	
Dibromochloromethane		10.0	10.1	101	9.65	97	5	66 - 133	20	
Dibromomethane		10.0	8.91	89	8.61	86	3	76 - 125	20	
Dichlorodifluoromethane		10.0	9.84	98	9.54	95	3	30 - 153	20	
Ethylbenzene		10.0	11.0	110	10.1	101	8	73 - 127	20	
Hexachlorobutadiene		10.0	9.44	94	8.85	88	6	67 - 131	20	
Isopropylbenzene		10.0	10.4	104	10.2	102	2	75 - 127	20	
Methyl tert-butyl ether		10.0	9.60	96	9.35	94	3	65 - 123	20	
Methylene chloride		10.0	10.1	101	9.59	96	5	63 - 137	20	
n-Butylbenzene		10.0	9.14	91	8.65	86	6	69 - 137	20	
n-Propylbenzene		10.0	10.3	103	9.87	99	4	72 - 129	20	
Naphthalene		10.0	10.8	108	10.6	106	2	54 - 138	20	
o-Xylene		10.0	11.8	118	10.6	106	10	80 - 121	20	
p-Isopropyltoluene		10.0	10.6	106	9.95	100	6	73 - 130	20	
sec-Butylbenzene		10.0	10.8	108	10.2	103	5	72 - 127	20	
Styrene		10.0	10.6	106	9.54	95	10	65 - 134	20	
tert-Butylbenzene		10.0	10.2	102	9.82	98	4	70 - 129	20	
Tetrachloroethene		10.0	11.9	119	11.0	110	7	66 - 128	20	
Toluene		10.0	10.6	106	10.1	101	5	77 - 122	20	
trans-1,2-Dichloroethene		10.0	10.8	108	10.4	104	4	63 - 137	20	
trans-1,3-Dichloropropene		10.0	9.25	92	8.94	89	3	59 - 135	20	
Trichloroethene		10.0	9.56	96	9.35	94	2	70 - 127	20	
Trichlorofluoromethane		10.0	8.21	82	7.97	80	3	57 - 129	20	
Vinyl chloride		10.0	10.1	101	9.90	99	2	50 - 134	20	
Xylenes (total)		30.0	35.9	120	32.4	108	10	80 - 121	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10016

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW56R-GW	0706097-003A	18-Jun-07	19-Jun-07	21-Jun-07			21-Jun-07	14	2.3	
AOC9-TW88-GW	0706097-005A	19-Jun-07	19-Jun-07	21-Jun-07			21-Jun-07	14	1.8	
AOC9-TW49-GW	0706097-006A	19-Jun-07	19-Jun-07	21-Jun-07			21-Jun-07	14	1.8	
AOC9-TW46-GW	0706097-007A	19-Jun-07	19-Jun-07	21-Jun-07			21-Jun-07	14	1.7	
AOC9-TW54B-GW	0706097-008A	19-Jun-07	19-Jun-07	21-Jun-07			21-Jun-07	14	1.7	
AOC9-TW94-GW	0706109-004A	19-Jun-07	20-Jun-07	21-Jun-07			21-Jun-07	14	1.6	
AOC9-TW91-GW	0706109-005A	19-Jun-07	20-Jun-07	21-Jun-07			21-Jun-07	14	1.6	
AOC9-TW90-GW	0706109-006A	19-Jun-07	20-Jun-07	21-Jun-07			21-Jun-07	14	1.6	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10074

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TB06	0706097-001A	18-Jun-07	19-Jun-07	25-Jun-07			25-Jun-07	14	6.8	
AOC9-TW72R-GW	0706097-002A	18-Jun-07	19-Jun-07	25-Jun-07			25-Jun-07	14	6.8	
AOC9-TW86-GW	0706097-004A	19-Jun-07	19-Jun-07	25-Jun-07			25-Jun-07	14	6.2	
AOC9-TW86-GW	0706097-004AMS	19-Jun-07	19-Jun-07	25-Jun-07			25-Jun-07	14	6.5	
AOC9-TW86-GW	0706097-004AMSD	19-Jun-07	19-Jun-07	25-Jun-07			25-Jun-07	14	6.5	
AOC9-TW49-GW DL	0706097-006ADL	19-Jun-07	19-Jun-07	25-Jun-07			25-Jun-07	14	6.2	
AOC9-TB07	0706109-001A	19-Jun-07	20-Jun-07	25-Jun-07			25-Jun-07	14	6.1	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
HOLDING TIMES

Analytical Method: SW8260B **AAB #:** R10095

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Field Sample ID	Lab Sample ID	Date Collected	Date Received	Date Extracted	Max. Holding Time E	Time Held Ext.	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
AOC9-TW56R-GW DL	0706097-003ADL	18-Jun-07	19-Jun-07	26-Jun-07			26-Jun-07	14	7.9	
AOC9-TW46-GW DL	0706097-007ADL	19-Jun-07	19-Jun-07	26-Jun-07			26-Jun-07	14	7.3	
AOC9-TW54B-GW DL	0706097-008ADL	19-Jun-07	19-Jun-07	26-Jun-07			26-Jun-07	14	7.3	
AOC9-TW92-GW	0706109-002A	19-Jun-07	20-Jun-07	26-Jun-07			26-Jun-07	14	7.2	
AOC9-TW93-GW	0706109-003A	19-Jun-07	20-Jun-07	26-Jun-07			26-Jun-07	14	7.2	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS03_10

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB060107A3	TB060107A3	01-Jun-07	12:09	01-Jun-07	12:39
ICAL 0.3PPB	ICAL 0.3PPB	01-Jun-07	12:39	01-Jun-07	13:14
ICAL 0.5PPB	ICAL 0.5PPB	01-Jun-07	13:14	01-Jun-07	13:48
ICAL 2.0PPB	ICAL 2.0PPB	01-Jun-07	13:48	01-Jun-07	14:22
ICAL 10PPB	ICAL 10PPB	01-Jun-07	14:22	01-Jun-07	14:56
ICAL 20PPB	ICAL 20PPB	01-Jun-07	14:56	01-Jun-07	15:31
ICAL 30PPB	ICAL 30PPB	01-Jun-07	15:31	01-Jun-07	16:05
ICAL 40PPB	ICAL 40PPB	01-Jun-07	16:05	01-Jun-07	17:48
ICV-9809	ICV-9809	01-Jun-07	17:48	01-Jun-07	17:48
TB062007B3	TB062007B3	20-Jun-07	22:02	20-Jun-07	22:33
CCV-10016	CCV-10016	20-Jun-07	22:33	20-Jun-07	23:07
LCS-10016	LCS-10016	20-Jun-07	23:07	21-Jun-07	0:15
MB-10016	MB-10016	21-Jun-07	0:15	21-Jun-07	2:32
AOC9-TW56R-GW	0706097-003A	21-Jun-07	2:32	21-Jun-07	3:40
AOC9-TW88-GW	0706097-005A	21-Jun-07	3:40	21-Jun-07	4:14
AOC9-TW49-GW	0706097-006A	21-Jun-07	4:14	21-Jun-07	4:48
AOC9-TW46-GW	0706097-007A	21-Jun-07	4:48	21-Jun-07	5:22
AOC9-TW54B-GW	0706097-008A	21-Jun-07	5:22	21-Jun-07	7:05
AOC9-TW94-GW	0706109-004A	21-Jun-07	7:05	21-Jun-07	7:39
AOC9-TW91-GW	0706109-005A	21-Jun-07	7:39	21-Jun-07	8:13
AOC9-TW90-GW	0706109-006A	21-Jun-07	8:13	21-Jun-07	8:13

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8260B **AAB#:**

Lab Name: Life Science Laboratories, Inc. **Contract #:**

Instrument ID #: MS01_11

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
TB062107A1	TB062107A1	21-Jun-07	6:45	21-Jun-07	7:14
ICAL 0.3 PPB	ICAL 0.3 PPB	21-Jun-07	7:14	21-Jun-07	7:47
ICAL 0.5 PPB	ICAL 0.5 PPB	21-Jun-07	7:47	21-Jun-07	8:19
ICAL 2.0 PPB	ICAL 2.0 PPB	21-Jun-07	8:19	21-Jun-07	8:52
ICAL 10 PPB	ICAL 10 PPB	21-Jun-07	8:52	21-Jun-07	9:25
ICAL 20 PPB	ICAL 20 PPB	21-Jun-07	9:25	21-Jun-07	9:58
ICAL 30 PPB	ICAL 30 PPB	21-Jun-07	9:58	21-Jun-07	10:30
ICAL 40 PPB	ICAL 40 PPB	21-Jun-07	10:30	21-Jun-07	11:36
ICV-10014	ICV-10014	21-Jun-07	11:36	21-Jun-07	11:36
TB062507A1	TB062507A1	25-Jun-07	8:33	25-Jun-07	9:02
CCV-10074	CCV-10074	25-Jun-07	9:02	25-Jun-07	9:35
LCS-10074	LCS-10074	25-Jun-07	9:35	25-Jun-07	11:47
MB-10074	MB-10074	25-Jun-07	11:47	25-Jun-07	12:53
AOC9-TB06	0706097-001A	25-Jun-07	12:53	25-Jun-07	13:26
AOC9-TW72R-GW	0706097-002A	25-Jun-07	13:26	25-Jun-07	13:59
AOC9-TW86-GW	0706097-004A	25-Jun-07	13:59	25-Jun-07	14:32
AOC9-TW49-GW DL	0706097-006ADL	25-Jun-07	14:32	25-Jun-07	16:44
AOC9-TB07	0706109-001A	25-Jun-07	16:44	25-Jun-07	20:01
AOC9-TW86-GW	0706097-004AMS	25-Jun-07	20:01	25-Jun-07	20:34
AOC9-TW86-GW	0706097-004AMSD	25-Jun-07	20:34	25-Jun-07	20:34
TB062607A1	TB062607A1	26-Jun-07	13:24	26-Jun-07	13:54
CCV-10095	CCV-10095	26-Jun-07	13:54	26-Jun-07	14:27
LCS-10095	LCS-10095	26-Jun-07	14:27	26-Jun-07	15:00
LCSD-10095	LCSD-10095	26-Jun-07	15:00	26-Jun-07	16:05
MB-10095	MB-10095	26-Jun-07	16:05	26-Jun-07	18:17
AOC9-TW56R-GW DL	0706097-003ADL	26-Jun-07	18:17	26-Jun-07	18:50
AOC9-TW46-GW DL	0706097-007ADL	26-Jun-07	18:50	26-Jun-07	19:23
AOC9-TW54B-GW DL	0706097-008ADL	26-Jun-07	19:23	26-Jun-07	19:56
AOC9-TW92-GW	0706109-002A	26-Jun-07	19:56	26-Jun-07	20:29
AOC9-TW93-GW	0706109-003A	26-Jun-07	20:29	26-Jun-07	20:29

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070601A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/1/2007 12:09:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3000.D
Compound:	SW8260B	**Sample ID:**	TB060107A3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.0	
75	30 - 60% of m/z 95	50.1	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.6	
174	Greater than 50% of m/z 95	68.0	
175	5 - 9% of m/z 174	7.5	
176	Greater than 95% but less than 101% of m/z 174	96.0	
177	5 - 9% of m/z 176	6.3	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS03_10_070620B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS03_10	**Injection Date/Time:**	6/20/2007 10:02:00 PM
Initial Calibration ID:	973	**File ID:**	C:\HPCHEM\1\DATA\J3296.D
Compound:	SW8260B	**Sample ID:**	TB062007B3

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.6	
75	30 - 60% of m/z 95	50.2	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	1.3	
174	Greater than 50% of m/z 95	83.9	
175	5 - 9% of m/z 174	7.3	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070621A
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/21/2007 6:45:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9024.D
Compound:	SW8260B	**Sample ID:**	TB062107A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	21.2	
75	30 - 60% of m/z 95	54.9	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.7	
173	Less than 2% of m/z 174	0	
174	Greater than 50% of m/z 95	85.9	
175	5 - 9% of m/z 174	7.6	
176	Greater than 95% but less than 101% of m/z 174	97.6	
177	5 - 9% of m/z 176	6.4	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070625B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/25/2007 8:33:00 AM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9137.D
Compound:	SW8260B	**Sample ID:**	TB062507A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	17.3	
75	30 - 60% of m/z 95	48.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.8	
173	Less than 2% of m/z 174	0.8	
174	Greater than 50% of m/z 95	96.3	
175	5 - 9% of m/z 174	7.2	
176	Greater than 95% but less than 101% of m/z 174	99.5	
177	5 - 9% of m/z 176	6.2	

AFCEE
ORGANIC ANALYSES DATA SHEET 12
INSTRUMENT PERFORMANCE CHECK
(BFB or DFTPP)

Analytical Method:	SW8260B	**AAB #:**	MS01_11_070626B
Lab Name:	Life Science Laboratories, Inc.	**Contract #:**	
Instrument ID:	MS01_11	**Injection Date/Time:**	6/26/2007 1:24:00 PM
Initial Calibration ID:	986	**File ID:**	C:\HPCHEM\1\DATA\T9181.D
Compound:	SW8260B	**Sample ID:**	TB062607A1

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15 - 40% of m/z 95	16.0	
75	30 - 60% of m/z 95	44.8	
95	Base peak, 100% relative abundance	100	
96	5 - 9% of m/z 95	6.6	
173	Less than 2% of m/z 174	0.2	
174	Greater than 50% of m/z 95	91.7	
175	5 - 9% of m/z 174	7.4	
176	Greater than 95% but less than 101% of m/z 174	96.6	
177	5 - 9% of m/z 176	6.6	

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Data Usability Summary Report

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 2, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Lab Sample ID	Client Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-TB01	0706054-001A	Water	6/11/2007	Method 8260		
AOC9-TW41-GW	0706054-002A	Water	6/11/2007	Method 8260		
AOC9-TW43-GW	0706054-003A	Water	6/11/2007	Method 8260		
AOC9-TW44-GW	0706054-004A	Water	6/11/2007	Method 8260		
AOC9-TW47-GW	0706054-005A	Water	6/12/2007	Method 8260	MS/MSD	
AOC9-LS-GW	0706054-006A	Water	6/12/2007	Method 8260		
AOC9-TW68-GW	0706054-007A	Water	6/12/2007	Method 8260		
AOC9-TB02	0706067-001A	Water	6/12/2007	Method 8260		
AOC9-TW69-GW	0706067-002A	Water	6/12/2007	Method 8260		
AOC9-TW70-GW	0706067-003A	Water	6/12/2007	Method 8260		
AOC9-TW71-GW	0706067-004A	Water	6/12/2007	Method 8260		
AOC9-TW52-GW	0706067-005A	Water	6/12/2007	Method 8260		
AOC9-TW45-GW	0706067-006A	Water	6/12/2007	Method 8260		
AOC9-TW67-GW	0706067-007A	Water	6/13/2007	Method 8260		
AOC9-TW67-GW/D	0706067-008A	Water	6/13/2007	Method 8260		
AOC9-TW65-GW	0706067-009A	Water	6/13/2007	Method 8260		
AOC9-TW62-GW	0706067-010A	Water	6/13/2007	Method 8260		
AOC9-TB03	0706077-001A	Water	6/13/2007	Method 8260		
AOC9-TW61-GW	0706077-002A	Water	6/13/2007	Method 8260		
AOC9-TW56-GW	0706077-003A	Water	6/14/2007	Method 8260		
AOC9-TW80-GW	0706077-004A	Water	6/14/2007	Method 8260		
AOC9-TW59-GW	0706077-005A	Water	6/14/2007	Method 8260		
AOC9-TW79-GW	0706077-006A	Water	6/14/2007	Method 8260		
AOC9-TW77-GW	0706077-007A	Water	6/14/2007	Method 8260		
AOC9-TW77-GW/D	0706077-008A	Water	6/14/2007	Method 8260		

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 2, 2007	Completed by: B. Krajewski

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0706054	Water	SW8260	VOCs by GCMS Method 8260	7
0706067	Water	SW8260	VOCs by GCMS Method 8260	10
0706077	Water	SW8260	VOCs by GCMS Method 8260	8

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	No – Cooler temperature below zero. No indication that samples were frozen. No qualifiers applied.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blanks and field duplicate included in SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes – Methylene chloride detected in method blanks. Methylene chloride and chlorobenzene detected in trip blanks.
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	Yes – All positive methylene chloride result qualified "U". Results >10 times blank concentration also qualified because dilution effect indicated.
Surrogate for method blanks and LCS within limits?	Yes

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 2, 2007	Completed by: B. Krajewski

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	Yes
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	No – Recoveries high for 1,1,2-trichloroethane, 1,2,4-trimethylbenzene, 1,2-dibromo-3-chloropropane, 1,2-dichlorobenzene, 1,3,5-trimethylbenzene, 2-butanone, chlorobenzene, n-propylbenzene, n-butylbenzene, p-isopropyltoluene, sec-butylbenzene. Several RPD values also high. Associated positive results qualified J.
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No – Acetone recovery high for LCS-9963. 1,1,2,2-Tetrachloroethene, 1,2,3-trichloropropane, 2,2-dichloropropane, 2-butanone, acetone, benzene, MTBE, and trichlorofluoromethane recoveries high for LCSD-9963. Associated positive results qualified "J".
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for acetone, chloroethane, 1,2-dichloroethane, 2,2-dichloropropane, and 1,1,2,2-tetrachloroethane. Associated results biased high. No results qualified.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes – Samples AOC9-TW69-GW, AOC-TW67-GW, AOC-TW45-GW, AOC9-TW71-GW, AOC9-TW77-GW, AOC9-TW44-GW analyzed at dilution based on level of target compounds detected.
For TICs are there any system related compounds that should not be reported?	Yes – Unknown at RT 2.7 also in method blanks.
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on method and trip blank results, MS/MSD/LCS recoveries and CCV %D values.

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 2, 2007	Completed by: B. Krajewski

Table 2 - List of Positive Results for Blank Samples

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	MDL	PQL
SW8260	MB-9902	MBLK	Methylene Chloride	0.13	F	A	ug/L	0.034	1
SW8260	MB-9908	MBLK	Methylene Chloride	0.13	F	A	ug/L	0.034	1
SW8260	MB-9935	MBLK	Methylene Chloride	0.19	F	A	ug/L	0.034	1
SW8260	MB-9963	MBLK	Methylene Chloride	0.22	F	A	ug/L	0.034	1
SW8260	MB-9993	MBLK	Methylene Chloride	0.14	F	A	ug/L	0.034	1

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-9908	Water	Methylene Chloride	0.13	0.25	F	1.000	0706054-001A	U
SW8260	MB-9908	Water	Methylene Chloride	0.13	1.6	F	10.0000	0706054-004A	U
SW8260	MB-9908	Water	Methylene Chloride	0.13	4.5	F	25.0000	0706054-004A	U
SW8260	MB-9908	Water	Methylene Chloride	0.13	0.65	F	5.0000	0706054-007A	U
SW8260	MB-9908	Water	Methylene Chloride	0.13	0.21	F	1.0000	0706067-00A	U
SW8260	MB-9908	Water	Methylene Chloride	0.13	0.3	F	2.0000	0706067-002A	U
SW8260	MB-9908	Water	Methylene Chloride	0.13	16	F	100.0000	0706067-003A	U
SW8260	MB-9908	Water	Methylene Chloride	0.13	18	F	100.0000	0706067-004A	U
SW8260	MB-9935	Water	Methylene Chloride	0.19	7.5	F	50.0000	0706067-006A	U
SW8260	MB-9963	Water	Methylene Chloride	0.22	2.2	F	10.0000	0706067-006A	U
SW8260	MB-9993	Water	Methylene Chloride	0.14	0.25	F	1.0000	0706077-001A	U
SW8260	MB-9993	Water	Methylene Chloride	0.14	1.2	F	10.0000	0706077-003A	U

Table 2B - List of Samples Qualified for Field Blank Contamination

Method	Field Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	AOC9-TB02	Water	Chlorobenzene	0.12	1.17		0.5000	0706067-005A	None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Sample Type	Analyte	Orig. Result	Spike Amount	Rec.	Dil Fac	Low Limit	High Limit	Sample Qual.	REPORTABLE
SW8260	AOC9-TW47-GW	MS	1,1,2-Trichlorethane	ND	10.0	212	1	55	125	None	Yes
SW8260	AOC9-TW47-GW	MS	1,2-Dichlorobenzene	ND	10.0	125	1	71	122	None	Yes
SW8260	AOC9-TW47-GW	MS	Chlorobenzene	0.290	10.0	143	1	81	122	J	Yes
SW8260	AOC9-TW47-GW	MS	n-Butylbenzene	0.350	10.0	139	1	69	137	None	Yes
SW8260	AOC9-TW47-GW	MS	sec-Butylbenzene	0.210	10.0	133	1	72	127	None	Yes
SW8260	AOC9-TW47-GW	MSD	1,1,2-Trichlorethane	ND	10.0	294	1	55	125	None	Yes
SW8260	AOC9-TW47-GW	MSD	1,2,4-Trimethylbenzene	0.260	10.0	148	1	74	132	J	Yes
SW8260	AOC9-TW47-GW	MSD	1,2-Dibromo-3-chloropropane	ND	10.0	134	1	50	132	None	Yes
SW8260	AOC9-TW47-GW	MSD	1,2-Dichlorobenzene	ND	10.0	131	1	71	122	J	Yes
SW8260	AOC9-TW47-GW	MSD	1,3,5-Trimethylbenzene	0.260	10.0	138	1	74	131	J	Yes
SW8260	AOC9-TW47-GW	MSD	2-Butanone	ND	10.0	163	1	49	136	None	Yes
SW8260	AOC9-TW47-GW	MSD	Chlorobenzene	0.290	10.0	152	1	81	122	None	Yes
SW8260	AOC9-TW47-GW	MSD	n-Butylbenzene	0.350	10.0	192	1	69	137	J	Yes
SW8260	AOC9-TW47-GW	MSD	n-Propylbenzene	ND	10.0	140	1	72	129	None	Yes
SW8260	AOC9-TW47-GW	MSD	p-Isopropyltoluene	0.480	10.0	160	1	73	130	None	Yes
SW8260	AOC9-TW47-GW	MSD	sec-Butylbenzene	0.210	10.0	172	1	72	127	J	Yes

Method	Sample ID	Sample Type	Analyte	RPD	RPD Limit	Sample Qual.
SW8260	AOC9-TW47-GW	MSD	1,1,2-Trichlorethane	32	20	None
SW8260	AOC9-TW47-GW	MSD	1,2,4-Trimethylbenzene	27	20	J
SW8260	AOC9-TW47-GW	MSD	2-Butanone	22	20	None

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 2, 2007	Completed by: B. Krajewski

Method	Sample ID	Sample Type	Analyte	RPD	RPD Limit	Sample Qual.
SW8260	AOC9-TW47-GW	MSD	n-Butylbenzene	31	20	J
SW8260	AOC9-TW47-GW	MSD	p-Isopropyltoluene	23	20	J
SW8260	AOC9-TW47-GW	MSD	sec-Butylbenzene	25	20	J

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
SW8260	LCS-9963	Acetone	150	40	135	None	None
SW8260	LCSD-9963	1,1,2,2-Tetrachloroethane	132	63	128	None	None
SW8260	LCSD-9963	1,2,3-Trichloropropane	137	73	124	None	None
SW8260	LCSD-9963	2-Butanone	138	49	136	None	None
SW8260	LCSD-9963	Acetone	154	40	135	None	None
SW8260	LCSD-9963	Benzene	131	81	122	AOC9-TW70-GWDL, AOC9-TW71-GWDL	J
SW8260	LCSD-9963	MTBE	126	65	123	None	None
SW8260	LCSD-9963	Trichlorofluoromethane	133	57	129	None	None

Table 6 –Samples that were Reanalyzed

Sample ID	Lab ID	Method	Sample Type	Action
AOC9-TW69-GW	0706067-002A	SW8260	DL	Report for over-range data only
AOC9-TW45-GW	0706067-006A	SW8260	DL	Report for over-range data only
AOC9-TW71-GW	0706067-004A	SW8260	DL	Report for over-range data only
AOC9-TW44-GW	0706054-004A	SW8260	DL	Report for over-range data only

Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	PQL	AOC9-TW67-GW	AOC9-TW67-GW /D	RPD	RPD Rating	Samp Qual
SW8260	Acetone	Ug/L	10	ND	1.36	NC	NA	NA

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 2, 2007	Completed by: B. Krajewski

Method	Analyte	Unit	PQL	AOC9-TW77-GW	AOC9-TW77-GW /D	RPD	RPD Rating	Samp Qual
SW8260	Trichloroethene	Ug/L	1.0	0.44	0.43	2.3	Good	None

Key:
A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Lab Sample ID	Client Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-TB04	0706082-001A	Water	6/14/2007	Method 8260		
AOC9-TW60-GW	0706082-002A	Water	6/14/2007	Method 8260	MS/MSD	
AOC9-TW73-GW	0706082-003A	Water	6/14/2007	Method 8260		
AOC9-TW72-GW	0706082-004A	Water	6/14/2007	Method 8260		
AOC9-TW58-GW	0706082-005A	Water	6/14/2007	Method 8260		
AOC9-TW75-GW	0706082-006A	Water	6/14/2007	Method 8260		
AOC9-TW74-GW	0706082-007A	Water	6/14/2007	Method 8260		
AOC9-TW76-GW	0706082-008A	Water	6/15/2007	Method 8260		
AOC9-TW82-GW	0706082-009A	Water	6/15/2007	Method 8260		
AOC9-TW81-GW	0706082-010A	Water	6/15/2007	Method 8260		
AOC9-TW57-GW	0706082-011A	Water	6/15/2007	Method 8260		
AOC9-TW81-GW/D	0706082-012A	Water	6/15/2007	Method 8260		
AOC9-TW54-GW	0706082-013A	Water	6/15/2007	Method 8260		
AOC9-TB05	0706090-001A	Water	6/18/2007	Method 8260		
AOC9TW83-GW	0706090-002A	Water	6/18/2007	Method 8260		
AOC9-TW42-GW	0706090-003A	Water	6/18/2007	Method 8260		
AOC9-TW84-GW	0706090-004A	Water	6/18/2007	Method 8260		
AOC9-TW85-GW	0706090-005A	Water	6/18/2007	Method 8260		
AOC9-TW87-GW	0706090-006A	Water	6/18/2007	Method 8260		
AOC9-TW66-GW	0706090-007A	Water	6/18/2007	Method 8260		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0706082	Water	SW8260	VOCs by GCMS Method 8260	13
0706090	Water	SW8260	VOCs by GCMS Method 8260	7

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	No – Cooler temperature below zero. No indication that samples were frozen. No qualifiers applied.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blanks and field duplicate included in SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes – Methylene chloride was detected in trip blank, AOC9-TB05.
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	Methylene chloride not detected in associated samples.
Surrogate for method blanks and LCS within limits?	No – Dibromofluoromethane recovery at 116%(UL=115%) for LCS-9973. All other surrogate recoveries within limits. No qualifiers applied.
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	Yes
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	Yes

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No – Bromoform recovery high for LCS-9995. 1,1,1-Trichloroethene, bromoform, dibromochloromethane, tetrachloroethene and trichlorofluoromethane recoveries high for LCS-9973 and/or LCSD-9973. No associated positive results.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several compounds. All but 1,1,2,2-tetrachloroethane result in high bias and no positive results associated. 1,1,2,2-tetrachloroethane results for samples AOC9-TW82-GW, AOC9-TW81-GW and AOC9-TW57-GW qualified "UJ".
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	No
For TICs are there any system related compounds that should not be reported?	No.
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	No compounds detected in sample AOC-TW81-GW and its field duplicate.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
1,1,2,2-tetrachloroethane results for samples AOC9-TW82-GW, AOC9-TW81-GW and AOC9-TW57-GW qualified "UJ" based on CCV %D value.

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
SW8260	LCS-9995	Bromoform	133	69	128	None	None
SW8260	LCS-9973	1,1,1-Trichloroethane	134	67	132	None	None
SW8260	LCS-9973	Bromoform	155	69	128	None	None
SW8260	LCS-9973	Dibromochloromethane	148	66	133	None	None
SW8260	LCS-9973	Tetrachloroethene	131	66	128	None	None
SW8260	LCS-9973	Trichlorofluoromethane	130	57	129	None	None
SW8260	LCSD-9973	Bromoform	158	69	128	None	None
SW8260	LCSD-9973	Dibromochloromethane	148	66	133	None	None
SW8260	LCSD-9973	Tetrachloroethene	133	66	128	None	None
SW8260	LCSD-9973	Trichlorofluoromethane	130	57	129	None	None

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
NA

Key:
A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Lab Sample ID	Client Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-TB06	0706097-001A	Water	6/18/2007	Method 8260		
AOC9-TW72R-GW	0706097-002A	Water	6/18/2007	Method 8260		
AOC9-TW56R-GW	0706097-003A	Water	6/18/2007	Method 8260		
AOC9-TW86-GW	0706097-004A	Water	6/19/2007	Method 8260	MS/MSD	
AOC9-TW88-GW	0706097-005A	Water	6/19/2007	Method 8260		
AOC9-TW49-GW	0706097-006A	Water	6/19/2007	Method 8260		
AOC9-TW46-GW	0706097-007A	Water	6/19/2007	Method 8260		
AOC9-TW54B-GW	0706097-008A	Water	6/19/2007	Method 8260		AOC9-TW54-GW
AOC9-TB07	0706109-001A	Water	6/19/2007	Method 8260		
AOC9-TW92-GW	0706109-002A	Water	6/19/2007	Method 8260		
AOC9-TW93-GW	0706109-003A	Water	6/19/2007	Method 8260		
AOC9-TW94-GW	0706109-004A	Water	6/19/2007	Method 8260		
AOC9-TW91-GW	0706109-005A	Water	6/19/2007	Method 8260		
AOC9-TW90-GW	0706109-006A	Water	6/19/2007	Method 8260		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0706097	Water	SW8260	VOCs by GCMS Method 8260	8
0706109	Water	SW8260	VOCs by GCMS Method 8260	6

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	No – COC lists sample AOC9-TW54-GW. Lab identified sample as AOC9-TW54B-GW
Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	No – Cooler temperature below 2°C. No indication that samples were frozen. No qualifiers applied.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blanks included. Field duplicate not included in this SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes – Methylene chloride was detected in method blank, MB-10016.
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	Methylene chloride results for sample AOC9-TW49-GW qualified “U”.
Surrogate for method blanks and LCS within limits?	Yes
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	Yes
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	Yes

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several compounds. Positive benzene results for samples AOC9-TW56R-GW, AOC9-TW49-GW, AOC9-TW46-GW and AOC9-TW54-GW qualified "J". Positive 1,2-dichloroethane results for sample AOC9-TW54-GW qualified "J". Positive PCE results for samples AOC9-TW86-GW and AOC9-TW93-GW qualified "J". Positive xylene results for samples AOC9-TW56R-GWDL, AOC9-TW46-GWDL, AOC9-T54-GWDL qualified "J". M&p-xylene results for samples AOC9-TW92-GW and AOC9-TW93-GW qualified "UJ".
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	No
For TICs are there any system related compounds that should not be reported?	Yes – Unknown at RT 2.7 also in method blank -10016.
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified "UJ" or "J" based on CCV %D values and method blank.

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

Table 2 - List of Positive Results for Blank Samples

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	MDL	PQL
SW8260	MB-10016	MBLK	Methylene Chloride	0.12	F	A	ug/L	0.034	1

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-10016	Water	Methylene Chloride	0.12	0.22	F	1.0	0706097-006A	U

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Table 6 –Samples that were Reanalyzed

Sample ID	Lab ID	Method	Sample Type	Action
AOC9-TW56R-GW	0706097-003A	SW8260	DL	Report for over-range data only
AOC9-TW49-GW	0706097-006A	SW8260	DL	Report for over-range data only
AOC9-TW46-GW	0706097-007A	SW8260	DL	Report for over-range data only
AOC9-TW54R-GW	0706097-008A	SW8260	DL	Report for over-range data only

Table 7 – Summary of Field Duplicate Results
NA

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 3, 2007	Completed by: B. Krajewski

Key:

A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 11, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Lab Sample ID	Client Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-SB01-1	0706110-001A	Soil	6/20/2007	Method 8260B		
AOC9-SB01-1	0706110-001B	Soil	6/20/2007	Method 8260B		
AOC9-SB01-1DUP	0706110-001BDUP	Soil	6/20/2007	Method 8260B		
AOC9-SB01-2	0706110-002A	Soil	6/20/2007	Method 8260B		
AOC9-SB01-2	0706110-002B	Soil	6/20/2007	Method 8260B		
AOC9-SB01-3	0706110-003A	Soil	6/20/2007	Method 8260B		
AOC9-SB01-3	0706110-003B	Soil	6/20/2007	Method 8260B		
AOC9-SB02-1	0706110-004A	Soil	6/20/2007	Method 8260B		
AOC9-SB02-1	0706110-004B	Soil	6/20/2007	Method 8260B		
AOC9-SB02-2	0706127-001A	Soil	6/20/2007	Method 8260B		
AOC9-SB02-2	0706127-001B	Soil	6/20/2007	Method 8260B		
AOC9-SB03-1	0706127-002A	Soil	6/21/2007	Method 8260B		
AOC9-SB03-1	0706127-002B	Soil	6/21/2007	Method 8260B		
AOC9-SB03-2	0706127-003A	Soil	6/21/2007	Method 8260B		
AOC9-SB03-2	0706127-003C	Soil	6/21/2007	Method 8260B		
AOC9-SB04-1	0706127-004A	Soil	6/21/2007	Method 8260B		
AOC9-SB04-1	0706127-004C	Soil	6/21/2007	Method 8260B		
AOC9-SB04-2	0706127-005A	Soil	6/21/2007	Method 8260B		
AOC9-SB04-2	0706127-005C	Soil	6/21/2007	Method 8260B		
AOC9-SB05-1	0706127-006A	Soil	6/21/2007	Method 8260B		
AOC9-SB05-1	0706127-006C	Soil	6/21/2007	Method 8260B		
AOC9-SB05-1DUP	0706127-006CDUP	Soil	6/21/2007	Method 8260B		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0706110	Soil	SW8260B	VOCs by GCMS Method 8260BB	4
0706127	Soil	SW8260B	VOCs by GCMS Method 8260BB	6

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 11, 2007	Completed by: B. Krajewski

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	No – One cooler was received at -1.6˚C. No indication that samples were frozen.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blanks not required. Field duplicate not included in this SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	See Table 2
Surrogate for method blanks and LCS within limits?	Yes
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	No - Matrix effect substantiated for effected samples, except AOC9-SB01-3, by reanalysis or dilution. AOC9-SB01-3 reanalyzed with acceptable recovery. Results of reanalysis reported.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	NA
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No - No positive results associated; no qualifiers applied.

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 11, 2007	Completed by: B. Krajewski

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	No – 1,4-Dichlorobenzene-d4 response was low for samples AOC9-SB03-2 and AOC9-SB-04-2 and their reanalyses. Chlorobenzene-d5 response was low for sample AOC9-SB04-2 but acceptable for the reanalysis. A matrix effect was substantiated for these samples. 1,4-Dichlorobenzene-d4 response was low for sample AOC9-SB01-3 but acceptable for the reanalysis. Results of the reanalysis are reported.
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes. - Second source standard (ICV) criteria was not met for dichlorodifluoromethane. A high bias is indicated. No positive results associated.
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several compounds. The 2-butanone results for sample AOC9-SB04-2 is qualified “J”. Dichlorodifluoromethane and tetrachloroethene results for samples AOC9-SB03-2, AOC9-SB04-1 and AOC9-SB04-2 are qualified “UJ” or “J”.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes
For TICs are there any system related compounds that should not be reported?	NA
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified “J” or “UJ” based on CCV %D values, surrogate recovery, IS response and method blank.

Table 2 - List of Positive Results for Blank Samples

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	PQL
SW8260B	MB-10015	MBLK	Naphthalene	0.00120	F	A	Mg/Kg	0.005
SW8260B	MB-10015	MBLK	1,2,3-Trichlorobenzene	0.000510	F	A	Mg/Kg	0.005
SW8260B	MB-10023	MBLK	Naphthalene	0.00162	F	A	Mg/Kg	0.005
SW8260B	MB-10023	MBLK	1,2,3-Trichlorobenzene	0.000810	F	A	Mg/Kg	0.005
SW8260B	MB-10023	MBLK	1,2,4-Trichlorobenzene	0.000530	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Acetone	0.00158	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Toluene	0.00099	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Methylene Chloride	0.00253	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Naphthalene	0.0016	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	1,2,3-Trichlorobenzene	0.0008	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	1,2,4-Trichlorobenzene	0.00052	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Acetone	0.0026	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Methylene Chloride	0.00229	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Naphthalene	0.00250	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	1,2,3-Trichlorobenzene	0.00082	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	1,2,4-Trichlorobenzene	0.00058	F	A	Mg/Kg	0.005
SW8260B	MB-10190	MBLK	Methylene Chloride	0.0800	F	A	Mg/Kg	0.005
SW8260B	MB-10190	MBLK	Naphthalene	0.0750	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Acetone	0.00206	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Toluene	0.00155	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Methylene Chloride	0.00365	F	A	Mg/Kg	0.005

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 11, 2007	Completed by: B. Krajewski

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	PQL
SW8260B	MB-10091	MBLK	Naphthalene	0.00138	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	1,2,3-Trichlorobenzene	0.00062	F	A	Mg/Kg	0.005

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10190	Soil	Methylene Chloride	0.0800	2.38	F	18.3000	AOC9-SB01-2	None
SW8260B	MB-10190	Soil	Methylene Chloride	0.0800	11.7	F	36.6000	AOC9-SB01-2DL	None
SW8260B	MB-10069	Soil	Methylene Chloride	0.00253	0.0015	F	0.0051	AOC9-SB01-3RA	U
SW8260B	MB-10069	Soil	Methylene Chloride	0.00253	0.0019	F	0.0057	AOC9-SB02-1	U
SW8260B	MB-10069	Soil	Methylene Chloride	0.00253	0.0033	F	0.0058	AOC9-SB02-2	U
SW8260B	MB-10171	Soil	Methylene Chloride	0.00229	0.003	F	0.0057	AOC-SB03-2RA	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0037	F	0.0056	AOC9-SB04-2RA	U
SW8260B	MB-10069	Soil	Acetone	0.00158	0.0018	F	0.512	AOC9-SB01-3RA	U
SW8260B	MB-10069	Soil	Acetone	0.00158	0.0132	F	0.0565	AOC9-SB02-1	U
SW8260B	MB-10069	Soil	Acetone	0.00158	0.0143	F	0.0580	AOC9-SB02-2	U
SW8260B	MB-10171	Soil	Acetone	0.0026	0.0057	F	0.0565	AOC9-SB03-2RA	U
SW8260B	MB-10190	Soil	Naphthalene	0.0750	2.95	F	4.4100	AOC9-SB01-1	None
SW8260B	MB-10190	Soil	Naphthalene	0.0750	11.5	F	18.3000	AOC9-SB01-2	None
SW8260B	MB-10190	Soil	Naphthalene	0.0750	4.75	F	36.6000	AOC9-SB01-2DL	None
SW8260B	MB-10015	Soil	Naphthalene	0.00120	0.0008	F	0.0051	AOC9-SB01-3	U
SW8260B	MB-10069	Soil	Naphthalene	0.0016	0.0072		0.0058	AOC9-SB02-2	U

Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10023	Soil	Naphthalene	0.00162	0.0006	F	0.0057	AOC9-SB03-2	U
SW8260B	MB-10023	Soil	Naphthalene	0.00162	0.0018	F	0.0056	AOC9-SB04-2	U
SW8260B	MB-10023	Soil	1,2,4-Trichlorobenzene	0.000530	0.0012	F	0.5800	AOC9-SB04-1	U
SW8260B	MB-10069	Soil	Toluene	0.00099	0.0007	F	0.0057	AOC9-SB02-1	U
SW8260B	MB-10069	Soil	Toluene	0.00099	0.0018		0.0058	AOC9-SB02-2	U

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits

Method	Sample ID	Sample Type	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260B	AOC9-SB01-2	DL	4-Bromofluorobenzene	147	84	118	64	J Positive Values
SW8260B	AOC9-SB01-3	SAMP	4-Bromofluorobenzene	83	84	118	0.9	UJ/J
SW8260B	AOC9-SB03-1	SAMP	4-Bromofluorobenzene	173	84	118	1	J Positive Values
SW8260B	AOC9-SB03-1	SAMP	Toluene-d8	119	84	116	1	J Positive Values
SW8260B	AOC9-SB04-2	SAMP	4-Bromofluorobenzene	50	84	118	0.91	UJ/J
SW8260B	AOC9-SB04-2	RA	4-Bromofluorobenzene	72	84	118	1	UJ/J
SW8260B	AOC9-SB05-1	SAMP	4-Bromofluorobenzene	133	84	118	0.96	J Positive Values

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
SW8260B	LCSD-10023	Chloroethane	152	41	141	None	None

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
SW8260B	LCS-10091	Naphthalene	145	51	135	None	None
SW8260B	LCS-10171	Naphthalene	142	51	135	None	None
SW8260B	LCSD-10171	Naphthalene	154	51	135	None	None
SW8260B	LCSD-10171	1,2-Dibromo-3-Chloropropane	136	49	135	None	None

Table 6 –Samples that were Reanalyzed

Sample ID	Lab ID	Method	Sample Type	Action
AOC9-SB01-2	0706110-002A	SW8260B	DL	Report for over-range data only
AOC9-SB03-1	0706127-002A	SW8260B	DL	Report for over-range data only
AOC9-SB05-1	0706127-006A	SW8260B	DL	Report for over-range data only
AOC9-SB03-2	0716127-003A	SW8260B	RA	REPORT INITIAL ANALYSIS
AOC9-SB01-3	0706110-003A	SW8260B	RA	REPORT REANALYSIS
AOC9-SB04-2	0706127-005A	SW8260B	RA	REPORT INITIAL ANALYSIS

Table 7 – Summary of Field Duplicate Results

NA

Key:

A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 6, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Lab Sample ID	Client Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-TB08	0706129-001A	Water	20-Jun-2007	Method 8260		
AOC9-TW95-GW	0706129-002A	Water	20-Jun-2007	Method 8260		
AOC9-TW96-GW	0706129-003A	Water	20-Jun-2007	Method 8260		
AOC9-TW97-GW	0706129-004A	Water	20-Jun-2007	Method 8260		
AOC9-TW51-GW	0706129-005A	Water	20-Jun-2007	Method 8260		
AOC9-TW48-GW	0706129-006A	Water	20-Jun-2007	Method 8260		
AOC9-TW89-GW	0706129-007A	Water	21-Jun-2007	Method 8260		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0706129	Water	SW8260	VOCs by GCMS Method 8260	7

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blanks included. Field duplicate not included in this SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

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The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes – Naphthalene was detected in method blank, MB-10163.
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on method blank results.
Surrogate for method blanks and LCS within limits?	Yes
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	Yes
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	NA
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several compounds. Positive chlorobenzene and m.p-xylene results for samples AOC9-TW96-GW and AOC9-TW97-GW qualified “J”. Positive tetrachloroethene results for sample AOC9-TW51-GW and AOC9-TW48-GW qualified “J”.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes
For TICs are there any system related compounds that should not be reported?	No

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Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified “J” based on CCV %D values.

Table 2 - List of Positive Results for Blank Samples

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	MDL	PQL
SW8260	MB-10163	MBLK	Naphthalene	0.37	F	A	ug/L	0.024	1

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Table 6 –Samples that were Reanalyzed

Sample ID	Lab ID	Method	Sample Type	Action
AOC9-TW96-GW	0706129-003A	SW8260	DL	Report for over-range data only
AOC9-TW97-GW	0706129-004A	SW8260	DL	Report for over-range data only

Table 7 – Summary of Field Duplicate Results
NA

Key:
A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

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Data Usability Summary Report	Project: Griffiss AFB
Date Completed: July 13, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Lab Sample ID	Client Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-SB06-1 (7.5')	0706136-001A	Soil	6/21/2007	Method 8260B		
AOC9-SB06-1 (7.5')	0706136-001C	Soil	6/21/2007	Method 8260B		
AOC9-SB06-2 (10.5')	0706136-002A	Soil	6/21/2007	Method 8260B		
AOC9-SB06-2 (10.5')	0706136-002C	Soil	6/21/2007	Method 8260B		
AOC9-SB07-1 (7.0')	0706136-003A	Soil	6/21/2007	Method 8260B		
AOC9-SB07-1 (7.0')	0706136-003C	Soil	6/21/2007	Method 8260B		
AOC9-SB07-2 (12.5')	0706136-004A	Soil	6/21/2007	Method 8260B		
AOC9-SB07-2 (12.5')	0706136-004C	Soil	6/21/2007	Method 8260B		
AOC9-SB08-1 (9.0')	0706136-005A	Soil	6/21/2007	Method 8260B		
AOC9-SB08-1 (9.0')	0706136-005C	Soil	6/21/2007	Method 8260B		
AOC9-SB09-1 (11.5')	0706136-006A	Soil	6/22/2007	Method 8260B		
AOC9-SB09-1 (11.5')	0706136-006C	Soil	6/22/2007	Method 8260B		
AOC9-SB09-2 (16.0')	0706136-007A	Soil	6/22/2007	Method 8260B		
AOC9-SB09-2 (16.0')	0706136-007C	Soil	6/22/2007	Method 8260B		
AOC9-SB10-1 (16.5')	0706136-008A	Soil	6/22/2007	Method 8260B		
AOC9-SB10-1 (16.5')	0706136-008C	Soil	6/22/2007	Method 8260B		
AOC9-SB10-2 (20.5')	0706136-009A	Soil	6/22/2007	Method 8260B		
AOC9-SB10-2 (20.5')	0706136-009C	Soil	6/22/2007	Method 8260B		
AOC9-SB10-2 (20.5')DUP	0706136-009CDUP	Soil	6/22/2007	Method 8260B		
AOC9-SB11-1 (11.5')	0706146-001B	Soil	6/25/2007	Method 8260B	MS/MSD	
AOC9-SB11-1 (11.5')	0706146-001C	Soil	6/25/2007	Method 8260B		
AOC9-SB11-1 (11.5')DUP	0706146-001CDUP	Soil	6/25/2007	Method 8260B		
AOC9-SB11-2 (15.5')	0706146-002A	Soil	6/25/2007	Method 8260B		
AOC9-SB11-2 (15.5')	0706146-002C	Soil	6/25/2007	Method 8260B		
AOC9-SB12-1 (12')	0706146-003B	Soil	6/25/2007	Method 8260B		
AOC9-SB12-1 (12')	0706146-003C	Soil	6/25/2007	Method 8260B		
AOC9-SB12-1/D (12')	0706146-004B	Soil	6/25/2007	Method 8260B		

AOC9-SB12-1/D (12')	0706146-004C	Soil	6/25/2007	Method 8260B		
AOC9-SB12-2 (15.5')	0706146-005A	Soil	6/25/2007	Method 8260B		
AOC9-SB12-2 (15.5')	0706146-005C	Soil	6/25/2007	Method 8260B		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0706136	Soil	SW8260B	VOCs by GCMS Method 8260BB	9
0706146	Soil	SW8260B	VOCs by GCMS Method 8260BB	5

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	No – Cooler temps at -0.2˚C and -3.2˚C upon receipt. No indication that samples were frozen.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blanks not required. Field duplicate included in this SDG (AOC9-SB12-1/D (12')).
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

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Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	See Table 2
Surrogate for method blanks and LCS within limits?	No

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Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	No - Matrix effect substantiated for effected samples by reanalysis or dilution.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No - Positive naphthalene results for samples AOC9-SB06-2(10.5)DL; AOC9-SB10-2(20.5) qualified "J".
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes. - Second source standard (ICV) criteria was not met for dichlorodifluoromethane. A high bias is indicated. No positive results associated.
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several compounds. 1,1,2,2-Tetrachloroethane results for samples AOC0-SB07-2(12.5), AOC9-SB09-1 (11.5) and AOC9-SB10-1(16.5) qualified "UJ/J". Dichlorodifluoromethane result for sample AOC9-SB06-2 (10.5) qualified "UJ". 2,2-Dichloropropane and 1,2-Dibromo-3-chloropropane results for samples AOC9-SB09-1(11.5)RA, AOC9-SB10-1 (16,5)DL, AOC9-SB07-S(12.5)DL, AOC9-SB08-1(9.0)DL, AOC9-SB11-1(11.5), AOC9-SB12-1(12) and AOC9-SB12-1/D(12) qualified "UJ"
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes
For TICs are there any system related compounds that should not be reported?	NA
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Summary of Potential Impacts on Data Usability
Major Concerns
None

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Minor Concerns
Results qualified “J” or “UJ” based on CCV %D values, surrogate recovery and method blank.

Table 2 - List of Positive Results for Blank Samples

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	PQL
SW8260B	MB-10059	MBLK	Naphthalene	0.00142	F	A	Mg/Kg	0.005
SW8260B	MB-10059	MBLK	1,2,3-Trichlorobenzene	0.00068	F	A	Mg/Kg	0.005
SW8260B	MB-10059	MBLK	Ethylbenzene	0.00214	F	A	Mg/Kg	0.005
SW8260B	MB-10059	MBLK	Xylene (total)	0.000510	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Acetone	0.00158	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Toluene	0.00099	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Methylene Chloride	0.00253	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	Naphthalene	0.0016	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	1,2,3-Trichlorobenzene	0.0008	F	A	Mg/Kg	0.005
SW8260B	MB-10069	MBLK	1,2,4-Trichlorobenzene	0.00052	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Methylene Chloride	0.00229	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Naphthalene	0.00250	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	1,2,3-Trichlorobenzene	0.00082	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	1,2,4-Trichlorobenzene	0.00058	F	A	Mg/Kg	0.005
SW8260B	MB-10191	MBLK	Acetone	0.00206	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Toluene	0.00155	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Methylene Chloride	0.00365	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Naphthalene	0.00138	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	1,2,3-Trichlorobenzene	0.00062	F	A	Mg/Kg	0.005
SW8260B	MB-10077	MBLK	Naphthalene	0.0950	F	A	Mg/Kg	0.005
SW8260B	MB-10196	MBLK	Methylene Chloride	0.0800	F	A	Mg/Kg	0.005

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Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	PQL
SW8260B	MB-10196	MBLK	Naphthalene	0.075	F	A	Mg/Kg	0.005
SW8260B	MB-10207	MBLK	Methylene Chloride	0.0675	F	A	Mg/Kg	0.005

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10069	Soil	Acetone	0.00158	0.0029	F	0.0572	AOC9-SB11-2(15.5)	U
SW8260B	MB-10069	Soil	Acetone	0.00158	0.003	F	0.0630	AOC9-SB12-2(15.)	U
SW8260B	MB-10091	Soil	Acetone	0.00206	0.0316	F	0.3000	AOC9-SB06-2(10.5)DL	None
SW8260B	MB-10091	Soil	Acetone	0.00206	0.0029	F	0.0561	AOC9-SB09-2(16.0)	U
SW8260B	MB-10091	Soil	Acetone	0.00206	0.023	F	0.0600	AOC9-SB10-2(20.5)	U
SW8260B	MB-10059	Soil	Ethylbenzene	0.0021	0.0055	F	0.0058	AOC9-SB06-2(10.5)	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0111	F	0.0300	AOC9-SB06-2(10.5)DL	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.00336	F	0.00561	AOC9-SB09-2(16.0)	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.00413	F	0.00600	AOC9-SB10-2(20.5)	U
SW8260B	MB-10069	Soil	Methylene Chloride	0.00253	0.00377	F	0.00572	AOC9-SB11-2(15.5)	U
SW8260B	MB-10069	Soil	Methylene Chloride	0.00253	0.00321	F	0.00630	AOC9-SB12-2(15.5)	U
SW8260B	MB-10091	Soil	Naphthalene	0.00138	0.00225	F	0.00600	AOC9-SB10-2(20.5)	U
SW8260B	MB-10069	Soil	Naphthalene	0.00160	0.000893	F	0.00572	AOC9-SB11-2(15.5)	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.00116	F	0.00561	AOC9-SB09-2(16.0)	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.00157	F	0.00600	AOC9-SB10-2(20.5)	U

Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10069	Soil	Toluene	0.00099	0.00180	F	0.00572	AOC9-SB11-2(15.5)	U
SW8260B	MB-10069	Soil	Toluene	0.00099	0.000933	F	0.00630	AOC9-SB12-2(15.5)	U

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits

Method	Sample ID	Sample Type	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260B	AOC9-SB06-1(7.5)	SAMP	Toluene-d8	117	84	116	16	J Positive Values
SW8260B	AOC9-SB06-1(7.5)	SAMP	4-Bromofluorobenzene	189	84	118	16	J Positive Values
SW8260B	AOC9-SB07-2(12.5)	SAMP	Toluene-d8	123	84	116	1	J Positive Values
SW8260B	AOC9-SB07-2(12.5)	SAMP	4-Bromofluorobenzene	132	84	118	1	J Positive Values
SW8260B	AOC9-SB07-2(12.5)	DL	4-Bromofluorobenzene	125	84	118	4	J Positive Values
SW8260B	AOC9-SB08-1(9.0)	SAMP	Toluene-d8	122	84	116	1	J Positive Values
SW8260B	AOC9-SB08-1(9.0)	SAMP	4-Bromofluorobenzene	189	84	118	1	J Positive Values
SW8260B	AOC9-SB08-1(9.0)	DL	Toluene-d8	124	84	116	4	J Positive Values
SW8260B	AOC9-SB08-1(9.0)	DL	4-Bromofluorobenzene	204	84	118	4	J Positive Values
SW8260B	AOC9-SB09-1(11.5)	SAMP	Toluene-d8	128	84	116	1	J Positive Values
SW8260B	AOC9-SB09-1(11.5)	SAMP	4-Bromofluorobenzene	144	84	118	1	J Positive Values
SW8260B	AOC9-SB09-1(11.5)	RA	Toluene-d8	126	84	116	1	J Positive Values
SW8260B	AOC9-SB09-1(11.5)	RA	4-Bromofluorobenzene	136	84	118	1	J Positive Values
SW8260B	AOC9-SB10-1(16.5)	SAMP	4-Bromofluorobenzene	139	84	118	1	J Positive Values

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Method	Sample ID	Sample Type	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260B	AOC9-SB10-1(16.5)	DL	Toluene-d8	122	84	116	2	J Positive Values
SW8260B	AOC9-SB10-1(16.5)	DL	4-Bromofluorobenzene	147	84	118	2	J Positive Values
SW8260B	AOC9-SB11-1(11.5)	SAMP	4-Bromofluorobenzene	141	84	118	4	J Positive Values
SW8260B	AOC9-SB11-1(11.5)	DL	Toluene-d8	74	84	116	20	UJ/J
SW8260B	AOC9-SB12-1(12)	SAMP	4-Bromofluorobenzene	146	84	118	8	J Positive Values
SW8260B	AOC9-SB12-1(12)	DL	Toluene-d8	77	84	116	64	UJ/J
SW8260B	AOC9-SB12-1(12)	DL	Dibromofluoromethane	64	65	135	64	UJ/J
SW8260B	AOC9-SB12-1(12)	DL	4-Bromofluorobenzene	192	84	118	64	J Positive Values
SW8260B	AOC9-SB12-1/D(12)	SAMP	4-Bromofluorobenzene	134	84	118	8	J Positive Values
SW8260B	AOC9-SB12-1/D(12)	DL	Dibromofluoromethane	51	65	135	128	UJ/J
SW8260B	AOC9-SB12-1/D(12)	DL	4-Bromofluorobenzene	179	84	118	128	J Positive Values
SW8260B	MB-5630	MB	Toluene-d8	118	84	116	1	None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Sample Type	Analyte	Orig. Result	Spike Amount	Rec.	Dil Fac	Low Limit	High Limit	Sample Qual.	REPORTABLE
SW8260B	AOC9-SB11-1(11.5)	MS	1,4-Dichlorobenzene	106	59.2	25	20	72	125	J	Yes
SW8260B	AOC9-SB11-1(11.5)	MS	Chlorobenzene	260	59.2	0	20	72	123	J	Yes
SW8260B	AOC9-SB11-1(11.5)	MSD	1,4-Dichlorobenzene	106	59.2	22	20	72	125	J	Yes
SW8260B	AOC9-SB11-1(11.5)	MSD	Chlorobenzene	260	59.2	0	20	72	123	J	Yes

Data Usability Summary Report	Project: Griffiss AFB
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Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
SW8260B	LCS-10091	Naphthalene	145	51	135	AOC9-SB06-2(10.5)DL; AOC9-SB10-2(20.5)	J

Table 6 –Samples that were Reanalyzed

Sample ID	Lab ID	Method	Sample Type	Action
AOC9-SB06-2(10.5)	0706136-002A	SW8260B	DL	Report for over-range data only
AOC9-SB07-2(12.5)	0706136-004A	SW8260B	DL	Report for over-range data only
AOC9-SB08-1(9.0)	0706136-005A	SW8260B	DL	Report for over-range data only
AOC9-SB09-1(11.5)	0716136-006A	SW8260B	RA	REPORT INITIAL ANALYSIS
AOC9-SB10-1(16.5)	0706136-008A	SW8260B	DL	Report for over-range data only
AOC9-SB11-1(11.5)	0706146-001B	SW8260B	DL	Report for over-range data only
AOC9-SB12-1(12)	0706146-003B	SW8260B	DL	Report for over-range data only
AOC9-SB12-1/D(12)	0706146-004B	SW8260B	DL	Report for over-range data only

Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	RL	AOC9-SB12-1 (12)	AOC9-SB12-1/D (12)	RPD	RPD Rating	Samp Qual
SW8260B	(m+p)-Xylene	Mg/Kg	4.6	17.0	23.8	33.3	NA	NA
	1,2,3- Trichloropropane		4.6	0.736	0.719	2.3	Good	None
	1,2,4-Trichlorobenzene		4.6	4.74	4.89	3.1	Good	None
	1,2,4-Trimethylbenzene		5.52	40.0	41.6	3.9	Good	None
	1,2-Dichlorobenzene		4.6	473	613	25.8	Good	None
	1,3,5-Trimethylbenzene		4.6	20.1	19.3	4.1	Good	None
	1,3- Dichlorobenzene		5.52	19.0	23.5	21.2	Good	None
	1,4-Dichlorobenzene		2.3	168	158	6.1	Good	None
	Benzene		2.3	1.06	1.63	42.4	Good	None
	Chlorobenzene		2.3	399	339	16.3	Good	None
	Ethylbenzene		4.6	3.49	4.84	32.4	Good	None
	Isopropylbenzene		4.6	3.54	4.70	28.2	Good	None
	n-Butylbenzene		4.6	3.13	2.64	17.0	Good	None
	n-Propylbenzene		4.6	3.22	4.08	23.6	Good	None
	Naphthalene		4.6	11.7	13.3	12.8	Good	None
	o-Xylene		4.6	7.03	9.74	32.3	Good	None
	p-Isopropyltoluene		5.52	3.82	3.36	12.8	Good	None
	Sec-Butylbenzene		4.6	2.99	2.83	5.5	Good	None
	Tert-Butylbenzene		4.6	0.782	0.624	22.5	Good	None
	Toluene		4.6	1.43	3.36	80.6	Good	None
	Trichloroethene		4.6	ND	1.53	NC	NA	None
	Xylenes (total)		9.2	24.0	33.5	33.0	Good	None

Key:
A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

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The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Lab Sample ID	Client Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-SB13-1 (16.5')	0706159-001B	Soil	25-Jun-2007	Method 8260B		
AOC9-SB13-1 (16.5')	0706159-001C	Soil	25-Jun-2007	Method 8260B		
AOC9-SB13-2 (21.5')	0706159-002A	Soil	25-Jun-2007	Method 8260B		
AOC9-SB13-2 (21.5')	0706159-002C	Soil	25-Jun-2007	Method 8260B		
AOC9-SB14-1 (16.5')	0706159-003B	Soil	25-Jun-2007	Method 8260B		
AOC9-SB14-1 (16.5')	0706159-003C	Soil	25-Jun-2007	Method 8260B		
AOC9-SB14-2 (22.5')	0706159-004A	Soil	25-Jun-2007	Method 8260B		
AOC9-SB14-2 (22.5')	0706159-004C	Soil	25-Jun-2007	Method 8260B		
AOC9-SB15-1 (18.5')	0706159-005B	Soil	25-Jun-2007	Method 8260B		
AOC9-SB15-1 (18.5')	0706159-005C	Soil	25-Jun-2007	Method 8260B		
AOC9-SB15-2 (22.5')	0706159-006A	Soil	25-Jun-2007	Method 8260B		
AOC9-SB15-2 (22.5')	0706159-006C	Soil	25-Jun-2007	Method 8260B		
AOC9-SB16-1 (15.5')	0706159-007A	Soil	26-Jun-2007	Method 8260B	MS/MSD	
AOC9-SB16-1 (15.5')	0706159-007C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB16-1 (15.5')DUP	0706159-007CDUP	Soil	26-Jun-2007	Method 8260B		
AOC9-SB16-2 (20.5')	0706159-008A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB16-2 (20.5')	0706159-008C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB17-1 (11.5')	0706159-009B	Soil	26-Jun-2007	Method 8260B		
AOC9-SB17-1 (11.5')	0706159-009C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB17-2 (12.0')	0706159-010A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB17-2 (12.0')	0706159-010C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB18-1 (8.5')	0706159-011B	Soil	26-Jun-2007	Method 8260B		
AOC9-SB18-1 (8.5')	0706159-011C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB18-1/D (8.5')	0706159-012B	Soil	26-Jun-2007	Method 8260B		
AOC9-SB18-1/D (8.5')	0706159-012C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB18-2 (12.5')	0706159-013A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB18-2 (12.5')	0706159-013C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB19-1 (10.5')	0706159-014B	Soil	26-Jun-2007	Method 8260B		

AOC9-SB19-1 (10.5')	0706159-014C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB19-2 (11.5')	0706159-015A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB19-2 (11.5')	0706159-015C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB19-2 (11.5')DUP	0706159-015CDUP	Soil	26-Jun-2007	Method 8260B		
AOC9-SB20-1 (11.5')	0706165-001A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB20-1 (11.5')	0706165-001C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB20-2 (12.5')	0706165-002A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB20-2 (12.5')	0706165-002C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB21-1 (11.5')	0706165-003B	Soil	26-Jun-2007	Method 8260B		
AOC9-SB21-1 (11.5')	0706165-003C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB21-2 (15.5')	0706165-004A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB21-2 (15.5')	0706165-004C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB22-1 (12.5')	0706165-005B	Soil	26-Jun-2007	Method 8260B		
AOC9-SB22-1 (12.5')	0706165-005C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB22-2 (15.5')	0706165-006A	Soil	26-Jun-2007	Method 8260B		
AOC9-SB22-2 (15.5')	0706165-006C	Soil	26-Jun-2007	Method 8260B		
AOC9-SB23-1 (13.5')	0706165-007B	Soil	27-Jun-2007	Method 8260B		
AOC9-SB23-1 (13.5')	0706165-007C	Soil	27-Jun-2007	Method 8260B		
AOC9-SB23-2 (15.5')	0706165-008A	Soil	27-Jun-2007	Method 8260B	MS/MSD	
AOC9-SB23-2 (15.5')	0706165-008C	Soil	27-Jun-2007	Method 8260B		
AOC9-SB23-2 (15.5')DUP	0706165-008CDUP	Soil	27-Jun-2007	Method 8260B		
AOC9-SB24-1 (12.5')	0706165-009B	Soil	27-Jun-2007	Method 8260B		
AOC9-SB24-1 (12.5')	0706165-009C	Soil	27-Jun-2007	Method 8260B		
AOC9-SB24-1/D (12.5')	0706165-010B	Soil	27-Jun-2007	Method 8260B		
AOC9-SB24-1/D (12.5')	0706165-010C	Soil	27-Jun-2007	Method 8260B		
AOC9-SB24-2 (15.5')	0706165-011A	Soil	27-Jun-2007	Method 8260B		
AOC9-SB24-2 (15.5')	0706165-011C	Soil	27-Jun-2007	Method 8260B		
AOC9-SB25-1 (11.5')	0706165-012B	Soil	27-Jun-2007	Method 8260B		
AOC9-SB25-1 (11.5')	0706165-012C	Soil	27-Jun-2007	Method 8260B		
AOC9-SB25-2 (16.5')	0706165-013A	Soil	27-Jun-2007	Method 8260B		
AOC9-SB25-2 (16.5')	0706165-013C	Soil	27-Jun-2007	Method 8260B		
AOC9-SB25-2 (16.5')DUP	0706165-013CDUP	Soil	27-Jun-2007	Method 8260B		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0706159	Soil	SW8260B	VOCs by GCMS Method 8260BB	15
0706165	Soil	SW8260B	VOCs by GCMS Method 8260BB	13

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	No – Cooler temps at -0.2˚C and -3.2˚C upon receipt. No indication that samples were frozen.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blanks not required. Field duplicate included in this SDG (AOC9-SB12-1/D (12') and AOC9-SB18-1/D (8.5')).
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations?	Yes- Reanalysis of sample AOC9-SB20-1(11.5') analyzed past hold time (Three hours) No results reported.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	See Table 2
Surrogate for method blanks and LCS within limits?	No
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	No - Matrix effect substantiated for effected samples by reanalysis or dilution.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No

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Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	No -1,4-Dichlorobenzene-d4 and chlorobenzene-d5 responses were low for sample AOC9-SB15-2 (22.5') DL. All IS responses were low for AOC9-SB16-1 (15.5')DL and AOC9-SB16-2 (20.5'). 1,4-Dichlorobenzene-d4 response was for AOC9-SB16-2 (20.5')RA, AOC9-SB20-2 (12.5') and RA, AOC9-SB21-2 (15.5') and RA, AOC9-SB23-2 (15.5') and RA, AOC9-SB24-2 (15.5') and RA, AOC9-SB25-2 (16.5') and RA.
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes. - Second source standard (ICV) criteria were not met for dichlorodifluoromethane. A high bias is indicated. No positive results associated. Also not met for 4-methyl-2-pentanone. AOC9-SB20-1(11.5) RA associated. No results reported.
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several compounds. Positive Naphthalene results for AOC9-SB22-2(15.5);AOC9-SB23-2(15.5);AOC9-2B24-2(15.5);AOC9-SB20-2(12.5);AOC9-SB25-2(16.5);AOC9-21-2(15.5), AOC9-SB16-2(20.5)RA, AOC9-SB-23-S(15.5)RA, AOC9-SB24-2 (15.5)RA, AOC9-SB20-2(12.5)RA, AOC9-SB25-2(16.5)RA, AOC9-SB-15-2(22.5)DL, AOC9-SB-16-2(20.5) qualified "J". Other Outliers indicated high bias and were not detected in the associated samples.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes
For TICs are there any system related compounds that should not be reported?	NA
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	No

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified "J" or "UJ" based on CCV %D values, surrogate recovery, IS response, field duplicate RPD and method blank.

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Table 2 - List of Positive Results for Blank Samples

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	PQL
SW8260B	MB-10191	MBLK	Acetone	0.00206	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Toluene	0.00155	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Methylene Chloride	0.00365	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	Naphthalene	0.00138	F	A	Mg/Kg	0.005
SW8260B	MB-10091	MBLK	1,2,3-Trichlorobenzene	0.00062	F	A	Mg/Kg	0.005
SW8260B	MB-10157	MBLK	Acetone	0.0019	F	A	Mg/Kg	0.005
SW8260B	MB-10157	MBLK	Methylene Chloride	0.0034	F	A	Mg/Kg	0.005
SW8260B	MB-10157	MBLK	Naphthalene	0.0007	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Acetone	0.0026	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Methylene Chloride	0.00229	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	Naphthalene	0.00250	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	1,2,3-Trichlorobenzene	0.00082	F	A	Mg/Kg	0.005
SW8260B	MB-10171	MBLK	1,2,4-Trichlorobenzene	0.00058	F	A	Mg/Kg	0.005
SW8260B	MB-10188	MBLK	Acetone	0.0016	F	A	Mg/Kg	0.005
SW8260B	MB-10188	MBLK	Methylene Chloride	0.0021	F	A	Mg/Kg	0.005
SW8260B	MB-10188	MBLK	Naphthalene	0.0025	F	A	Mg/Kg	0.005
SW8260B	MB-10188	MBLK	1,2,3-Trichlorobenzene	0.0008	F	A	Mg/Kg	0.005
SW8260B	MB-10188	MBLK	1,2,4-Trichlorobenzene	0.0006	F	A	Mg/Kg	0.005
SW8260B	MB-10197	MBLK	Methylene Chloride	0.0800	F	A	Mg/Kg	0.5
SW8260B	MB-10197	MBLK	Naphthalene	0.0750	F	A	Mg/Kg	0.5
SW8260B	MB-10208	MBLK	Methylene Chloride	0.0675	F	A	Mg/Kg	0.5

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Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	PQL
SW8260B	MB-10251	MBLK	Methylene Chloride	0.0650	F	A	Mg/Kg	0.5
SW8260B	MB-10251	MBLK	Naphthalene	0.0725	F	A	Mg/Kg	0.5
SW8260B	MB-10252	MBLK	Methylene Chloride	0.0650	F	A	Mg/Kg	0.5
SW8260B	MB-10252	MBLK	Naphthalene	0.0725	F	A	Mg/Kg	0.5
SW8260B	MB-10273	MBLK	Acetone	0.0014	F	A	Mg/Kg	0.05
SW8260B	MB-10273	MBLK	Toluene	0.0009	F	A	Mg/Kg	0.005
SW8260B	MB-10273	MBLK	1,4-Dichlorobenzene	0.0007	F	A	Mg/Kg	0.025
SW8260B	MB-10273	MBLK	Methylene Chloride	0.0022	F	A	Mg/Kg	0.005
SW8260B	MB-10273	MBLK	Naphthalene	0.0015	F	A	Mg/Kg	0.005
SW8260B	MB-10273	MBLK	1,2,3-Trichlorobenzene	0.0006	F	A	Mg/Kg	0.005
SW8260B	MB-10274	MBLK	Methylene Chloride	0.1500	F	A	Mg/Kg	0.5
SW8260B	MB-10274	MBLK	Naphthalene	0.0800	F	A	Mg/Kg	0.5
SW8260B	MB-5724	MBLK	Methylene Chloride	0.1250	F	A	Mg/Kg	0.5
SW8260B	MB-5724	MBLK	Naphthalene	0.1550	F	A	Mg/Kg	0.5
SW8260B	MB-5724	MBLK	1,2,3-Trichlorobenzene	0.0550	F	A	Mg/Kg	0.5
SW8260B	MB-5749	MBLK	Methylene Chloride	0.1200	F	A	Mg/Kg	0.5

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0212	F	0.2930	0706159-002ADL	U
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0103	F	0.0527	0706159-002A	U

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Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0142	F	0.0560	0706159-004A	U
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0022	F	0.0547	0706159-006A	U
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0130	F	0.2910	0706159-006A	U
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0268	F	0.0581	0706159-007A	U
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0295	F	0.2970	0706159-007A	U
SW8260B	MB-10171	Soil	Acetone	0.0026	0.0132	F	0.0569	0706159-008A	U
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0049	F	0.0563	0706159-008A	U
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0017	F	0.0560	0706159-010A	U
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0094	F	0.0624	0706159-013A	U
SW8260B	MB-10191	Soil	Acetone	0.00206	0.0031	F	0.0651	0706159-015A	U
SW8260B	MB-10157	Soil	Acetone	0.0019	0.0202	F	0.0578	0706165-001A	U
SW8260B	MB-10273	Soil	Acetone	0.0014	0.0223	F	0.0578	0706165-001A	U
SW8260B	MB-10157	Soil	Acetone	0.0019	0.0044	F	0.0576	0706165-002A	U
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0049	F	0.0582	0706165-002A	U
SW8260B	MB-10157	Soil	Acetone	0.0019	0.0029	F	0.0618	0706165-004A	U
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0035	F	0.0594	0706165-004A	U
SW8260B	MB-10157	Soil	Acetone	0.0019	0.0021	F	0.0599	0706165-006A	U
SW8260B	MB-10157	Soil	Acetone	0.0019	0.0037	F	0.0635	0706165-008A	U
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0034	F	0.0606	0706165-008A	U
SW8260B	MB-10157	Soil	Acetone	0.0019	0.0038	F	0.0590	0706165-011A	U

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Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0032	F	0.0596	0706165-011A	U
SW8260B	MB-10157	Soil	Acetone	0.0019	0.0048	F	0.0635	0706165-013A	U
SW8260B	MB-10188	Soil	Acetone	0.0016	0.0048	F	0.0594	0706165-013A	U
SW8260B	MB-10197	Soil	Methylene Chloride	0.0800	0.1300	F	0.5930	0706159-001B	U
SW8260B	MB-5749	Soil	Methylene Chloride	0.1200	0.6410	F	2.3700	0706159-001BDL	U
SW8260B	MB10091	Soil	Methylene Chloride	0.00365	0.0146	F	0.0293	0706159-002A	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0033	F	0.0053	0706159-002ADL	U
SW8260B	MB-10197	Soil	Methylene Chloride	0.0800	1.2400	F	4.7700	0706159-003B	U
SW8260B	MB-5749	Soil	Methylene Chloride	0.1200	5.5300	F	19.1000	0706159-003DL	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0033	F	0.0056	0706159-004A	U
SW8260B	MB-5749	Soil	Methylene Chloride	0.1200	5.0800	F	19.5000	0706159-005B	U
SW8260B	MB-5749	Soil	Methylene Chloride	0.1200	10.5000	F	39.1000	0706159-005BDL	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0031	F	0.0055	0706159-006A	U
SW8260B	MB-10188	Soil	Methylene Chloride	0.0021	0.0078	F	0.0291	0706159-006ADL	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0029	F	0.0058	0706159-007A	U
SW8260B	MB-10188	Soil	Methylene Chloride	0.0021	0.0099	F	0.0297	0706159-007ADL	U
SW8260B	MB-10171	Soil	Methylene Chloride	0.00229	0.0053	F	0.0057	0706159-008A	U
SW8260B	MB-10188	Soil	Methylene Chloride	0.0021	0.0026	F	0.0056	0706159-008ARA	U
SW8260B	MB-10208	Soil	Methylene Chloride	0.0675	0.1310	F	0.5480	0706159-009B	U
SW8260B	MB-5749	Soil	Methylene Chloride	0.1200	0.5480	F	2.1900	0706159-009BDL	U

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Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10197	Soil	Methylene Chloride	0.0800	0.0030	F	0.0056	0706159-010A	U
SW8260B	MB-10208	Soil	Methylene Chloride	0.0675	0.5820	F	2.4200	0706159-011B	U
SW8260B	MB-5749	Soil	Methylene Chloride	0.1200	2.6200	F	9.7000	0706159-011BDL	U
SW8260B	MB-10208	Soil	Methylene Chloride	0.0675	0.6170	F	2.3700	0706159-012B	U
SW8260B	MB-5749	Soil	Methylene Chloride	0.1200	2.2800	F	9.4900	0706159-012BDL	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0037	F	0.0062	0706159-013A	U
SW8260B	MB-10208	Soil	Methylene Chloride	0.0675	0.1650	F	0.5890	0706159-014B	U
SW8260B	MB-10091	Soil	Methylene Chloride	0.00365	0.0032	F	0.0065	0706159-015A	U
SW8260B	MB-10157	Soil	Methylene Chloride	0.0034	0.0024	F	0.0058	0706165-002A	U
SW8260B	MB-10157	Soil	Methylene Chloride	0.0034	0.0028	F	0.0058	0706165-002A	U
SW8260B	MB-10251	Soil	Methylene Chloride	0.0650	1.0900	F	4.5600	0706165-003B	U
SW8260B	MB-10274	Soil	Methylene Chloride	0.1500	3.4700	F	9.1200	0706165-003BDL	U
SW8260B	MB-10157	Soil	Methylene Chloride	0.0034	0.0022	F	0.0062	0706165-004A	U
SW8260B	MB-10188	Soil	Methylene Chloride	0.0021	0.0029	F	0.0059	0706165-004ARA	U
SW8260B	MB-10251	Soil	Methylene Chloride	0.0650	1.2100	F	4.6300	0706165-005B	U
SW8260B	MB-10274	Soil	Methylene Chloride	0.1500	2.1300	F	9.2700	0706165-005BDL	U
SW8260B	MB-10157	Soil	Methylene Chloride	0.0034	0.0027	F	0.0060	0706165-006A	U
SW8260B	MB-10251	Soil	Methylene Chloride	0.0650	1.4000	F	4.8400	0706165-007B	U
SW8260B	MB-10274	Soil	Methylene Chloride	0.1500	2.8100	F	9.6900	0706165-007BDL	U
SW8260B	MB-10157	Soil	Methylene Chloride	0.0034	0.0029	F	0.0064	0706165-008A	U

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Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10188	Soil	Methylene Chloride	0.0021	0.0023	F	0.0061	0706165-008ARA	U
SW8260B	MB-10251	Soil	Methylene Chloride	0.0650	1.1600	F	4.6200	0706165-009B	U
SW8260B	MB-10251	Soil	Methylene Chloride	0.0650	1.2000	F	4.6300	0706165-010B	U
SW8260B	MB-10274	Soil	Methylene Chloride	0.1500	5.7400	F	18.5000	0706165-010BDL	U
SW8260B	MB-10157	Soil	Methylene Chloride	0.0034	0.0026	F	0.0059	0706165-011A	U
SW8260B	MB-10188	Soil	Methylene Chloride	0.0021	0.0026	F	0.0060	0706165-011ARA	U
SW8260B	MB-10274	Soil	Methylene Chloride	0.1500	1.4300	F	4.6000	0706165-012B	U
SW8260B	MB-10157	Soil	Methylene Chloride	0.0034	0.0052	F	0.0064	0706165-013A	U
SW8260B	MB-10188	Soil	Methylene Chloride	0.0021	0.0043	F	0.0059	0706165-013ARA	U
SW8260B	MB-10091	Soil	Naphthalene	0.00138	0.0028		0.0056	0706159-004A	U
SW8260B	MB-10091	Soil	Naphthalene	0.00138	0.0009		0.0055	0706159-006A	U
SW8260B	MB-10188	Soil	Naphthalene	0.0025	0.0099		0.0291	0706159-006ADL	U
SW8260B	MB-10171	Soil	Naphthalene	0.00250	0.0012		0.0057	0706159-008A	U
SW8260B	MB-10188	Soil	Naphthalene	0.0025	0.0009		0.0056	0706159-008ARA	U
SW8260B	MB-10091	Soil	Naphthalene	0.00138	0.0025		0.0062	0706159-013A	U
SW8260B	MB-10091	Soil	Naphthalene	0.00138	0.0009		0.0065	0706159-015A	U
SW8260B	MB-10273	Soil	Naphthalene	0.0015	0.0086		0.0058	0706165-001A	U
SW8260B	MB-10273	Soil	Naphthalene	0.0015	0.0021		0.0058	0706165-001ARA	U
SW8260B	MB-10157	Soil	Naphthalene	0.0007	0.0008		0.0058	0706165-002A	U
SW8260B	MB-10188	Soil	Naphthalene	0.0025	0.0009		0.0058	0706165-002ARA	U

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Method	Lab Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260B	MB-10157	Soil	Naphthalene	0.0007	0.0010		0.0060	0706165-006A	U
SW8260B	MB-10157	Soil	Naphthalene	0.0007	0.0028		0.0064	0706165-008A	U
SW8260B	MB-10188	Soil	Naphthalene	0.0025	0.0029		0.0061	0706165-008ARA	U
SW8260B	MB-10157	Soil	Naphthalene	0.0007	0.0008		0.0059	0706165-011A	U
SW8260B	MB-10188	Soil	Naphthalene	0.0025	0.0006		0.0060	0706165-011ARA	U
SW8260B	MB-10157	Soil	Naphthalene	0.0007	0.0015		0.0064	0706165-013A	U
SW8260B	MB-10188	Soil	Naphthalene	0.0025	0.0015		0.0059	0706165-013ARA	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0049		0.0293	0706159-002ADL	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0025		0.0053	0706159-002A	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0013		0.0056	0706159-004A	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0012		0.0055	0706159-006A	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0019		0.0058	0706159-007A	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0010		0.0056	0706159-010A	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0014		0.0062	0706159-013A	U
SW8260B	MB-10091	Soil	Toluene	0.00155	0.0010		0.0065	0706159-015A	U
SW8260B	MB-10273	Soil	Toluene	0.0009	0.0022		0.0058	0706165-001A	U
SW8260B	MB-10273	Soil	Toluene	0.0009	0.0021		0.0058	0706165-001ARA	U
SW8260B	MB-10273	Soil	1,2,3-Trichlorobenzene	0.0006	0.0028		0.0058	0706165-001A	U
SW8260B	MB-10273	Soil	1,2,3-Trichlorobenzene	0.0006	0.0007		0.0058	0706165-001ARA	U

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits

Method	Sample ID	Sample Type	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260B	AOC9-SB13-1 (16.5')	SAMP	4-Bromofluorobenzene	122	84	118	1	J Positive Values
SW8260B	AOC9-SB14-1 (16.5')	SAMP	4-Bromofluorobenzene	119	84	118	8	J Positive Values
SW8260B	AOC9-SB14-1 (16.5')	SAMP	Dibromofluoromethane	58	65	135	8	UJ/J
SW8260B	AOC9-SB14-1 (16.5')	DL	4-Bromofluorobenzene	131	84	118	32	J Positive Values
SW8260B	AOC9-SB15-1 (18.5')	SAMP	4-Bromofluorobenzene	195	84	118	32	J Positive Values
SW8260B	AOC9-SB15-1 (18.5')	DL	4-Bromofluorobenzene	173	84	118	64	J Positive Values
SW8260B	AOC9-SB15-2 (22.5')	DL	4-Bromofluorobenzene	79	84	118	5	UJ/J
SW8260B	AOC9-SB16-1 (15.5')	DL	4-Bromofluorobenzene	80	84	118	5	UJ/J
SW8260B	AOC9-SB17-1 (11.5')	SAMP	4-Bromofluorobenzene	145	84	118	1	J Positive Values
SW8260B	AOC9-SB18-1 (8.5')	SAMP	4-Bromofluorobenzene	126	84	118	4	J Positive Values
SW8260B	AOC9-SB18-1/D (8.5')	SAMP	4-Bromofluorobenzene	135	84	118	4	J Positive Values
SW8260B	AOC9-SB18-1/D (8.5')	DL	4-Bromofluorobenzene	134	84	118	16	J Positive Values
SW8260B	AOC9-SB18-1/D (8.5')	RA	4-Bromofluorobenzene	83	84	118	0.96	UJ/J
SW8260B	AOC9-SB18-1/D (8.5')	SAMP	4-Bromofluorobenzene	120	84	118	8	J Positive Values
SW8260B	AOC9-SB18-1/D (8.5')	DL	4-Bromofluorobenzene	153	84	118	16	J Positive Values
SW8260B	AOC9-SB18-1/D (8.5')	DL	Toluene-D8	117	84	116	16	J Positive Values

Method	Sample ID	Sample Type	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260B	AOC9-SB21-2 (15.5')	SAMP	4-Bromofluorobenzene	83	84	118	0.99	UJ/J
SW8260B	AOC9-SB22-1 (12.5')	SAMP	4-Bromofluorobenzene	130	84	118	8	J Positive Values
SW8260B	AOC9-SB22-1 (12.5')	DL	4-Bromofluorobenzene	136	84	118	16	J Positive Values
SW8260B	AOC9-SB23-1 (13.5')	SAMP	4-Bromofluorobenzene	154	84	118	8	J Positive Values
SW8260B	AOC9-SB23-1 (13.5')	DL	4-Bromofluorobenzene	138	84	118	16	J Positive Values
SW8260B	AOC9-SB23-2 (15.5')	RA	4-Bromofluorobenzene	83	84	118	1.08	UJ/J
SW8260B	AOC9-SB24-1/D (12.5')	SAMP	4-Bromofluorobenzene	146	84	118	8	J Positive Values
SW8260B	AOC9-SB24-1/D (12.5')	DL	4-Bromofluorobenzene	141	84	118	32	J Positive Values
SW8260B	AOC9-SB24-2 (15.5')	RA	4-Bromofluorobenzene	83	84	118	1	UJ/J
SW8260B	AOC9-SB25-2 (16.5')	SAMP	4-Bromofluorobenzene	83	84	118	0.99	UJ/J
SW8260B	AOC9-SB25-2 (16.5')	RA	4-Bromofluorobenzene	81	84	118	1.06	UJ/J

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Sample Type	Analyte	Orig. Result	Spike Amount	Rec.	Dil Fac	Low Limit	High Limit	Sample Qual.	REPORTABLE
SW8260B	AOC9-SB16-1(15.5)	MS	(M+P)Xylene	0.0865	0.115	58	1	79	125	J	Yes
SW8260B	AOC9-SB16-1(15.5)	MS	1,1,2-Trichloroethene	ND	0.0575	151	1	62	127	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MS	1,2,4-Trimethylbenzene	0.398	0.0575	0	1	65	135	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MS	1,2-Dibromo-3-Chloropropane	ND	0.0575	137	1	49	135	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MS	1,3,5-Trimethylbenzene	0.228	0.0575	0	1	65	123	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MS	2-Chlorotoluene	ND	0.0575	133	1	69	128	None	Yes

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Method	Sample ID	Sample Type	Analyte	Orig. Result	Spike Amount	Rec.	Dil Fac	Low Limit	High Limit	Sample Qual.	REPORTABLE
SW8260B	AOC9-SB16-1(15.5)	MS	Chlorobenzene	0.355	0.0575	0	1	75	123	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MS	o-Xylene	0.0506	0.0575	57	1	77	125	J	Yes
SW8260B	AOC9-SB16-1(15.5)	MS	Total Xylene	0.137	0.173	58	1	77	125	J	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	(M+P)Xylene	0.0865	0.115	30	1	79	125	J	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	1,2,4-Trimethylbenzene	0.398	0.0575	0	1	65	135	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	1,3,5-Trimethylbenzene	0.228	0.0575	0	1	65	123	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	1,4-Dichlorobenzene	0.0611	0.0575	64	1	72	125	J	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	Chlorobenzene	0.355	0.0575	0	1	75	123	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	Naphthalene	0.140	0.0575	0	1	51	135	None	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	o-Xylene	0.0506	0.0575	24	1	77	125	J	Yes
SW8260B	AOC9-SB16-1(15.5)	MSD	Total Xylene	0.137	0.173	28	1	77	125	J	Yes
SW8260B	AOC9-SB23-2(15.5)	MSD	1,2-Dibromo-3-Chloropropane	ND	0.0552	143	1	49	135	None	Yes
SW8260B	AOC9-SB23-2(15.5)	MS	Naphthalene	0.00292	0.0552	142	1	51	135	None	Yes
SW8260B	AOC9-SB23-2(15.5)	MSD	Naphthalene	0.00292	0.0552	152	1	51	135	None	Yes

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
SW8260B	LCS-10091	Naphthalene	145	51	135	AOC9-SB15-2(22.5);AOC9-SB18-2(12.5);AOC9-SB19-2(11.5);AOC9-SB-13-2(21.5) and DL;AOC9-SB14-2(22.5);AOC9-SB16-1(15.5)	J
SW8260B	LCS-10157	1,2-Dibromo-3-chloropropane	139	49	135	None	None
SW8260B	LCS-10157	Naphthalene	162	51	135	AOC9-SB22-2(15.5);AOC9-SB23-	J

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
						2(15.5);AOC9-2B24-2(15.5);AOC9-SB20-2(12.5);AOC9-SB25-2(16.5);AOC9-21-2(15.5)	
SW8260B	LCS-10171	Naphthalene	142	51	135	AOC9-SB-16-2 (20.5)	J
SW8260B	LCSD-10171	Naphthalene	154	51	135	AOC9-SB-16-2 (20.5)	J
SW8260B	LCSD-10171	1,2-Dibromo-3-chloropropane	136	49	135	None	None
SW8260B	LCS-10188	1,2-Dibromo-3-chloropropane	69	49	135	None	None
SW8260B	LCS-10188	M+p-Xylene	76	79	126	None	None
SW8260B	LCS-10188	1,1,2,2-Tetrachloroethane	71	74	125	None	None
SW8260B	LCS-10188	1,2-Dibromoethane	69	70	124	None	None
SW8260B	LCS-10188	Bromochloromethane	69	71	127	None	None
SW8260B	LCS-10188	Chlorobenzene	74	75	123	AOC9-SB16-1(15.5)DL	J
SW8260B	LCS-10188	Chloroethane	147	41	141	None	None
SW8260B	LCS-10188	Dibromochloromethane	65	66	130	None	None
SW8260B	LCS-10188	Naphthalene	138	51	135	AOC9-SB16-1(15.5)DL	J
SW8260B	LCS-10188	o-Xylene	72	74	138	None	None
SW8260B	LCS-10188	Styrene	72	74	128	None	None
SW8260B	LCS-10188	Trichloroethene	76	77	124	None	None
SW8260B	LCS-10188	Total Xylene	76	77	125	AOC9-SB16-1(15.5)DL	J
SW8260B	LCSD-10188	1,2-Dibromo-3-chloropropane	142	49	135	None	None
SW8260B	LCSD-10188	Chloroethane	145	41	141	None	None
SW8260B	LCSD-10188	Naphthalene	155	51	135	AOC9-SB16-1(15.5)DL	J
SW8260B	LCS-10273	Dichlorodifluoromethane	159	34	136	None	None

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	No. of Affected Samples	Samp Qual
SW8260B	LCSD-10273	Dichlorodifluoromethane	162	34	136	None	None

Table 6 –Samples that were Reanalyzed

Sample ID	Lab ID	Method	Sample Type	Action
AOC9-SB13-1 (16.5')	0706159-001B	SW8260B	DL	Report for over-range data only
AOC9-SB13-2 (21.5')	0706159-002A	SW8260B	DL	Report for over-range data only
AOC9-SB14-1 (16.5')	0706159-003B	SW8260B	DL	Report for over-range data only
AOC9-SB15-1 (18.5')	0716159-005B	SW8260B	DL	Report for over-range data only
AOC9-SB15-2(22.5')	0706159-006A	SW8260B	DL	Report for over-range data only
AOC9-SB16-1(15.5')	0706159-007A	SW8260B	DL	Report for over-range data only
AOC9-SB16-2(20.5')	0706159-008A	SW8260B	RA	Report Re-Analysis
AOC9-SB17-1 (11.5')	0706159-009B	SW8260B	DL	Report for over-range data only
AOC9-SB18-1 (8.5')	0706159-011B	SW8260B	DL	Report for over-range data only
AOC9-SB18-1/D (8.5')	0706159-012B	SW8260B	DL	Report for over-range data only
AOC9-SB20-1 (11.5')	0706165-001A	SW8260B	RA	Report Initial Analysis
AOC9-SB20-2 (12.5')	0706165-002A	SW8260B	RA	Report Initial Analysis
AOC9-SB21-1 (11.5')	0706165-003B	SW8260B	DL	Report for over-range data only
AOC9-SB21-2 (15.5')	0706165-004A	SW8260B	RA	Report Initial Analysis
AOC9-SB22-1 (12.5')	0706165-005B	SW8260B	DL	Report for over-range data only
AOC9-SB23-1 (13.5')	0706165-007B	SW8260B	DL	Report for over-range data only
AOC9-SB23-2 (15.5')	0706165-008A	SW8260B	RA	Report Initial Analysis
AOC9-SB24-1/D (12.5')	0706165-010B	SW8260B	DL	Report for over-range data only
AOC9-SB24-2 (15.5')	0706165-011A	SW8260B	RA	Report Initial Analysis
AOC9-SB25-2 (16.5')	0706165-013A	SW8260B	RA	Report Initial Analysis

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Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	RL	AOC9-SB18-1 (8.5)	AOC9-SB18-1/D (8.5)	RPD	RPD Rating	Samp Qual
SW8260B	1,2,4-Trimethylbenzene	Mg/Kg	2.91	17.6	24.6	33.2	Good	None
SW8260B	1,3,5-Trimethylbenzene	Mg/Kg	2.42	44.7	54.0	18.8	Good	None
SW8260B	1,4-Dichlorobenzene	Mg/Kg	1.21	0.606	2.14	111.7	Poor	J
SW8260B	Chlorobenzene	Mg/Kg	1.21	3.56	6.50	58.4	Good	None
SW8260B	Isopropylbenzene	Mg/Kg	2.37	ND	0.878	NC		
SW8260B	Methylene Chloride	Mg/Kg	2.42	0.582	0.617	5.8	Good	None
SW8260B	n-Propylbenzene	Mg/Kg	2.42	5.58	6.50	15.2	Good	None
SW8260B	p-Isopropyltoluene	Mg/Kg	2.92	7.83	12.9	48.9	Good	None
SW8260B	Sec-Butylbenzene	Mg/Kg	2.42	6.28	9.49	40.7	Good	None

Method	Analyte	Unit	RL	AOC9-SB24-1 (12.5)	AOC9-SB24-1/D (12.5)	RPD	RPD Rating	Samp Qual
SW8260B	Methylene Chloride	Mg/Kg	4.62	1.16	1.20	3.4	Good	None
SW8260B	n-Propylbenzene	Mg/Kg	4.62	1.48	1.34	9.9	Good	None
SW8260B	p-Isopropyltoluene	Mg/Kg	5.55	3.79	2.04	60.0	Good	None
SW8260B	Sec-Butylbenzene	Mg/Kg	4.62	4.07	4.49	9.8	Good	None
SW8260B	1,3,5-Trimethylbenzene	Mg/Kg	5.55	18.0	3.89	128.9	Poor	J

Key:
A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 23, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Client Sample ID	Lab Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-SB33-01	0709149-001A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB33-01	0709149-001C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB35-01	0709149-002A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB35-01	0709149-002B	Soil	25-Sep-2007	Method 8260B		
AOC9-SB35-01	0709149-002C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB35-02	0709149-003A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB35-02	0709149-003C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB35-02/D	0709149-004A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB35-02/D	0709149-004C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB34-01	0709149-005B	Soil	25-Sep-2007	Method 8260B		
AOC9-SB34-01	0709149-005C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB34-02	0709149-006A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB34-02	0709149-006C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB37-01	0709149-007A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB37-01	0709149-007C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB38-01	0709149-008A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB38-01	0709149-008C	Soil	25-Sep-2007	Method 8260B		
AOC9-SB38-02	0709149-009A	Soil	25-Sep-2007	Method 8260B		
AOC9-SB38-02	0709149-009C	Soil	25-Sep-2007	Method 8260B		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0709149	Soil	SW8260	VOCs by GCMS Method 8260B	9

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes

Did coolers arrive at lab between 2 and 6°C and in good condition as indicated on COC and Cooler Receipt Form?	No – Cooler temperature below 2 °C. No indication that samples were frozen. No qualifiers applied.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank not required. Field duplicate included.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	Yes – Positive sample results qualified "U" except where results >10 times blank concentration.
Surrogate for method blanks and LCS within limits?	Yes
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	No – Positive results associated with high surrogate recoveries qualified "J". Similar recoveries for dilutions indicating matrix effect.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	NA.
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No – Positive results associated with high surrogate recoveries qualified "J".

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 23, 2007	Completed by: B. Krajewski

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	No - Low 1,4-dichlorobenzene-d4 and high chlorobenzene-d5 for sample AOC9-SB35-01. Associated positive results qualified "J". Response acceptable for dilution.
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is second source standard within +/-25% for target compounds?	Yes
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for chloromethane, chloroethane, trichlorofluoromethane for CCV-11241 and for bromomethane, chloroethane and trichlorofluoromethane for CCV-11283.No positive results associated. High bias indicated for all but chloromethane. Chloromethane marginally out at 21%. No results qualified.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes – Samples AOC9-SB34-01 and AOC9-SB35-01 analyzed at dilutions based on levels of target compounds present.
For TICs are there any system related compounds that should not be reported?	NA
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on method blank results, surrogate recoveries and IS response. Comment: JP-10 detected in sample AOC9-SB34-02.

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 23, 2007	Completed by: B. Krajewski

Table 2 - List of Positive Results for Blank Samples

Method	SampID	Analyte	Result	Lab Qualifier	Units	MDL	PQL
SW8260	MB-11241	1,4-DICHLOROBENZENE	0.0008	F	MG/KG	0.0001	0.0025
SW8260	MB-11241	ACETONE	0.0055	F	MG/KG	0.0003	0.0500
SW8260	MB-11241	DICHLORODIFLUOROMETHANE	0.0007	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	ETHYLBENZENE	0.0008	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	HEXACHLOROBUTADIENE	0.0005	F	MG/KG	0.0004	0.0030
SW8260	MB-11241	ISOPROPYLBENZENE (CUMENE)	0.0009	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	M,P-XYLENE (SUM OF ISOMERS)	0.0008	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	NAPHTHALENE	0.0016	F	MG/KG	0.0002	0.0050
SW8260	MB-11241	n-BUTYLBENZENE	0.0018	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	n-PROPYLBENZENE	0.0009	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	SEC-BUTYLBENZENE	0.0011	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	TOLUENE	0.0010	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	XYLENES, TOTAL	0.0008	F	MG/KG	0.0003	0.0050
SW8260	MB-11283	ACETONE	0.0079	F	MG/KG	0.0003	0.0500
SW8260	MB-11283	BROMOMETHANE	0.0011	F	MG/KG	0.0001	0.0100
SW8260	MB-11283	NAPHTHALENE	0.0017	F	MG/KG	0.0002	0.0050
SW8260	MB-11323	ACETONE	0.4920	F	MG/KG	0.0300	5.0000
SW8260	MB-6284	ACETONE	0.9600	F	MG/KG	0.0300	5.0000

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Sample Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-11241	SO	1,4-DICHLOROBENZENE	0.0008	4.1600	J	0.0139	AOC9-SB35-01	Not Qualified
SW8260	MB-11241	SO	ACETONE	0.0055	0.1330	F	0.2770	AOC9-SB35-01	Not Qualified
SW8260	MB-11241	SO	ISOPROPYLBENZENE (CUMENE)	0.0009	0.1430	J	0.0277	AOC9-SB35-01	Not Qualified
SW8260	MB-11241	SO	NAPHTHALENE	0.0016	0.0131	F	0.0277	AOC9-SB35-01	Not Qualified
SW8260	MB-11241	SO	n-BUTYLBENZENE	0.0018	0.9410	J	0.0277	AOC9-SB35-01	Not Qualified
SW8260	MB-11241	SO	SEC-BUTYLBENZENE	0.0011	1.1900	J	0.0277	AOC9-SB35-01	Not Qualified
SW8260	MB-11283	SO	ACETONE	0.0079	0.0055	F	0.0548	AOC9-SB35-02/D	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0056	F	0.0544	AOC9-SB38-01	U Flag

Method	Lab Blank	Matrix	Analyte	Blank Result	Sample Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0064	F	0.0582	AOC9-SB38-02	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0078	F	0.0529	AOC9-SB35-02	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0107	F	0.0502	AOC9-SB37-01	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0118	F	0.0604	AOC9-SB34-02	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0487	F	0.3020	AOC9-SB33-01	Not Qualified
SW8260	MB-11283	SO	BROMOMETHANE	0.0011	0.0006	F	0.0106	AOC9-SB35-02	U Flag
SW8260	MB-11283	SO	BROMOMETHANE	0.0011	0.0007	F	0.0116	AOC9-SB38-02	U Flag
SW8260	MB-11283	SO	BROMOMETHANE	0.0011	0.0008	F	0.0100	AOC9-SB37-01	U Flag
SW8260	MB-11283	SO	BROMOMETHANE	0.0011	0.0009	F	0.0110	AOC9-SB35-02/D	U Flag
SW8260	MB-11283	SO	BROMOMETHANE	0.0011	0.0009	F	0.0121	AOC9-SB34-02	U Flag
SW8260	MB-11323	SO	ACETONE	0.492	1.2300	F	5.8100	AOC9-SB35-01	U Flag
SW8260	MB-6284	SO	ACETONE	0.96	1.2300	F	5.8100	AOC9-SB35-01	U Flag

Table 2B - List of Samples Qualified for Field Blank Contamination
NA

Table 3 - List of Samples with Surrogates outside Control Limits

Method	Sample ID	Sample Type	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260	AOC9-SB34-01	N	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	124	84	118	8.0	Diluted Out
SW8260	AOC9-SB34-01	N	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	171	84	118	1.0	None
SW8260	AOC9-SB34-01	N	TOLUENE-D8	120	84	116	1.0	None
SW8260	AOC9-SB35-01	N	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	124	84	118	8.0	Diluted Out
SW8260	AOC9-SB35-01	N	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	191	84	118	1.0	None
SW8260	AOC9-SB35-01	N	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	333	84	118	5.0	Diluted Out
SW8260	AOC9-SB35-01	N	TOLUENE-D8	118	84	116	1.0	None

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 23, 2007	Completed by: B. Krajewski

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

NA

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	Qual	BatchID
LCS-11323	ACETONE	SW8260	146	40	141		11323
LCSD-11386	1,2-DICHLOROBENZENE	SW8260	121	74	120		11386
LCSD-11386	2-CHLOROTOLUENE	SW8260	129	69	128		11386
LCSD-11386	4-CHLOROTOLUENE	SW8260	129	73	126		11386
LCSD-11386	ACETONE	SW8260	155	40	141		11386
LCSD-11386	ISOPROPYLBENZENE (CUMENE)	SW8260	135	77	129		11386
LCSD-11386	SEC-BUTYLBENZENE	SW8260	134	63	132		11386

Table 6 –Samples that were Reanalyzed

None

Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	PQL	AOC9-SB35-02	AOC9-SB35-02/D	RPD	RPD Rating	Samp Qual
SW8260	ACETONE	MG/KG	0.0548	0.0055	0.0078	34.5	Good	None
SW8260	BROMOMETHANE	MG/KG	0.0110	0.0009	0.0006	40.0	Good	None
SW8260	CHLOROBENZENE	MG/KG	0.0027	0.0006	ND	NC		
SW8260	METHYLENE CHLORIDE	MG/KG	0.0055	0.0050	ND	NC		
SW8260	n-BUTYLBENZENE	MG/KG	0.0055	0.0018	0.0020	10.5	Good	None
SW8260	SEC-BUTYLBENZENE	MG/KG	0.0053	ND	0.0012	NC		

Key:

A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 10, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Client Sample ID	Lab Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-TB09	0709150-001A	Water	9/24/2007	Method 8260		
AOC9-TW98-GW	0709150-002A	Water	9/24/2007	Method 8260		
AOC9-TW99-GW	0709150-003A	Water	9/24/2007	Method 8260		
AOC9-TW100-GW	0709150-004A	Water	9/24/2007	Method 8260		
AOC9-TW101-GW	0709150-005A	Water	9/24/2007	Method 8260		
AOC9-TW102-GW	0709150-006A	Water	9/24/2007	Method 8260		
AOC9-TW103-GW	0709150-007A	Water	9/24/2007	Method 8260		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0709150	Water	SW8260	VOCs by GCMS Method 8260	7

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	No – Cooler temperature below 2 ^{o}C. No indication that samples were frozen. No qualifiers applied.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank included in SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes – Methylene chloride and 1.4-dichlorobenzene detected in trip blank.
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	Yes – Positive sample results qualified "U" except where results >10 times blank concentration.
Surrogate for method blanks and LCS within limits?	Yes
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	Yes
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	NA.
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is second source standard within +/-25% for target compounds?	
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for ispropylbenzene, n-propylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, and n-isopropyltoluene in 10/1/2007 standard. No positive results associated. High bias indicated. No results qualified.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes – Sample AOC9-TW100-GW analyzed at DF100 based on levels of target compounds present.
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 10, 2007	Completed by: B. Krajewski

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on trip blank results.

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 10, 2007	Completed by: B. Krajewski

Table 2 - List of Positive Results for Blank Samples

Method	Sample ID	Samp Type	Analyte	Result	Qual	Anal Type	Units	MDL	PQL
SW8260	AOC9-TB09	Trip Blank	Methylene Chloride	0.12	F	A	ug/L	0.034	1
SW8260	AOC9-TB09	Trip Blank	1,4-Dichlorobenzene	0.4	F	A	ug/L	0.017	0.5

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination

Method	Field Blank	Matrix	Analyte	Blank Result	Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	AOC9-TB09	Water	1,4-Dichlorobenzene	0.4	0.23	F	0.017	0709150-002A	U Flag
SW8260	AOC9-TB09	Water	1,4-Dichlorobenzene	0.4	0.21	F	0.017	0709150-003A	U Flag
SW8260	AOC9-TB09	Water	1,4-Dichlorobenzene	0.4	0.17	F	0.017	0709150-005A	U Flag
SW8260	AOC9-TB09	Water	1,4-Dichlorobenzene	0.4	0.17	F	0.017	0709150-006A	U Flag
SW8260	AOC9-TB09	Water	1,4-Dichlorobenzene	0.4	0.15	F	0.017	0709150-007A	U Flag
SW8260	AOC9-TB09	Water	Methylene Chloride	0.12	0.16	F	0.034	0709150-003A	U Flag

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
NA

Table 5 - List LCS Recoveries outside Control Limits
None

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
NA

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 10, 2007	Completed by: B. Krajewski

Key:

A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 24, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Client Sample ID	Lab Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-SB29-01	0709160-007	Soil	9/26/2007	Method 8260B		
AOC9-SB29-02	0709160-008	Soil	9/26/2007	Method 8260B		
AOC9-SB29-03	0709160-009	Soil	9/26/2007	Method 8260B		
AOC9-SB39-01	0709160-001	Soil	9/26/2007	Method 8260B	MS/MSD	
AOC9-SB39-01MS	0709160-001	Soil	9/26/2007	Method 8260B	MS/MSD	
AOC9-SB39-01MSD	0709160-001	Soil	9/26/2007	Method 8260B	MS/MSD	
AOC9-SB39-02	0709160-004	Soil	9/26/2007	Method 8260B		
AOC9-SB41-01	0709160-005	Soil	9/26/2007	Method 8260B		
AOC9-SB41-02	0709160-006	Soil	9/26/2007	Method 8260B		
AOC9-SB26-01	0709160-016	Soil	9/26/2007	Method 8260B		
AOC9-SB26-02	0709160-017	Soil	9/26/2007	Method 8260B		
AOC9-SB26-03	0709160-018	Soil	9/26/2007	Method 8260B		
AOC9-SB27-01	0709160-013	Soil	9/26/2007	Method 8260B		
AOC9-SB27-02	0709160-014	Soil	9/26/2007	Method 8260B		
AOC9-SB27-03	0709160-015	Soil	9/26/2007	Method 8260B		
AOC9-SB28-01	0709160-010	Soil	9/26/2007	Method 8260B		
AOC9-SB28-02	0709160-011	Soil	9/26/2007	Method 8260B		
AOC9-SB28-03	0709160-012	Soil	9/26/2007	Method 8260B		
AOC9-SB30-01	0709160-019	Soil	9/26/2007	Method 8260B		
AOC9-SB30-02	0709160-020	Soil	9/26/2007	Method 8260B		
AOC9-SB30-03	0709160-021	Soil	9/26/2007	Method 8260B		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0709160	Soil	SW8260	VOCs by GCMS Method 8260B	19

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 24, 2007	Completed by: B. Krajewski

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank not required. Field duplicate not included in this SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

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Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	Yes – Positive sample results qualified "U" except where results >10 times blank concentration.
Surrogate for method blanks and LCS within limits?	Yes
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	No – Positive results associated with high surrogate recoveries qualified "J". Similar recoveries for dilutions indicating matrix effect. (Fuel pattern noted in case narrative)
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	No – High recoveries except low recovery for 1,2,4-trimethylbenzene. Associated sample AOC9-SB39-01 results qualified "J".

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Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No – Positive results associated with high surrogate recoveries qualified "J".
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	No - Low 1,4-dichlorobenzene-d4 for dilution of sample AOC9-SB26-02. Associated positive results qualified "J".
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is second source standard within +/-25% for target compounds?	Yes
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several standards. High bias indicated for all but chloromethane, acetone, dichlorodifluoromethane, bromomethane, 2-butanone. Positive results qualified "J". Chloromethane marginally out at 21%.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes – Samples AOC9-SB27-03, AOC9-SB30-02, AOC9-SB26-02 and AOC9-SB28-02 analyzed at dilutions based on levels of target compounds present. Samples AOC9-SB29-02 and AOC9-SB26-01 reanalyzed to confirm matrix and because of suspect carry-over.
For TICs are there any system related compounds that should not be reported?	NA
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on method blank results, calibration standards, surrogate/matrix spike/LCS recoveries and IS response. Comment: Fuel pattern detected in several samples.

Table 2 - List of Positive Results for Blank Samples

Method	SampID	Analyte	Result	Lab Qualifier	Units	MDL	PQL
SW8260	MB-11241	1,4-DICHLOROBENZENE	0.0008	F	MG/KG	0.0001	0.0025
SW8260	MB-11241	ACETONE	0.0055	F	MG/KG	0.0003	0.0500
SW8260	MB-11241	DICHLORODIFLUOROMETHANE	0.0007	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	ETHYLBENZENE	0.0008	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	HEXACHLOROBUTADIENE	0.0005	F	MG/KG	0.0004	0.0030
SW8260	MB-11241	ISOPROPYLBENZENE (CUMENE)	0.0009	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	M,P-XYLENE (SUM OF ISOMERS)	0.0008	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	NAPHTHALENE	0.0016	F	MG/KG	0.0002	0.0050
SW8260	MB-11241	n-BUTYLBENZENE	0.0018	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	n-PROPYLBENZENE	0.0009	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	SEC-BUTYLBENZENE	0.0011	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	TOLUENE	0.0010	F	MG/KG	0.0001	0.0050
SW8260	MB-11241	XYLENES, TOTAL	0.0008	F	MG/KG	0.0003	0.0050
SW8260	MB-11283	ACETONE	0.0079	F	MG/KG	0.0003	0.0500
SW8260	MB-11283	BROMOMETHANE	0.0011	F	MG/KG	0.0001	0.0100
SW8260	MB-11283	NAPHTHALENE	0.0017	F	MG/KG	0.0002	0.0050
SW8260	MB-11324	ACETONE	0.4920	F	MG/KG	0.0300	5.0000
SW8260	MB-6284	ACETONE	0.9600	F	MG/KG	0.0300	5.0000
SW8260	MB-11301	ACETONE	0.0044	F	MG/KG	0.0003	0.0500
SW8260	MB-11301	BROMOMETHANE	0.0010	F	MG/KG	0.0001	0.0100
SW8260	MB-11301	NAPHTHALENE	0.0016	F	MG/KG	0.0002	0.0050
SW8260	MB-11327	ACETONE	0.0040	F	MG/KG	0.0003	0.0500

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Sample Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-11241	SO	1,4-DICHLOROBENZENE	0.0008	0.0325		0.0029	AOC9-SB30-03	Not Qualified

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Method	Lab Blank	Matrix	Analyte	Blank Result	Sample Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-11241	SO	1,4-DICHLOROBENZENE	0.0008	0.0405		0.0027	AOC9-SB26-02	Not Qualified
SW8260	MB-11241	SO	1,4-DICHLOROBENZENE	0.0008	0.0497		0.0028	AOC9-SB26-03	Not Qualified
SW8260	MB-11241	SO	1,4-DICHLOROBENZENE	0.0008	0.0500	J	0.0055	AOC9-SB26-02	Not Qualified
SW8260	MB-11241	SO	ACETONE	0.0055	0.0068	F	0.0586	AOC9-SB30-03	U Flag
SW8260	MB-11241	SO	ACETONE	0.0055	0.0091	F	0.0556	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	ACETONE	0.0055	0.0260	F	0.0537	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	ACETONE	0.0055	0.0340	F	0.1100	AOC9-SB26-02	Not Qualified
SW8260	MB-11241	SO	ETHYLBENZENE	0.0008	0.0009	F	0.0059	AOC9-SB30-03	U Flag
SW8260	MB-11241	SO	ETHYLBENZENE	0.0008	0.0012	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	ETHYLBENZENE	0.0008	0.0018	F	0.0054	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	ISOPROPYLBENZENE (CUMENE)	0.0009	0.0009	F	0.0059	AOC9-SB30-03	U Flag
SW8260	MB-11241	SO	ISOPROPYLBENZENE (CUMENE)	0.0009	0.0018	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	ISOPROPYLBENZENE (CUMENE)	0.0009	0.0021	F	0.0110	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	ISOPROPYLBENZENE (CUMENE)	0.0009	0.0025	F	0.0054	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	M,P-XYLENE (SUM OF ISOMERS)	0.0008	0.0008	F	0.0059	AOC9-SB30-03	U Flag
SW8260	MB-11241	SO	M,P-XYLENE (SUM OF ISOMERS)	0.0008	0.0012	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	M,P-XYLENE (SUM OF ISOMERS)	0.0008	0.0049	F	0.0054	AOC9-SB26-02	Not Qualified
SW8260	MB-11241	SO	NAPHTHALENE	0.0016	0.0391		0.0054	AOC9-SB26-02	Not Qualified
SW8260	MB-11241	SO	NAPHTHALENE	0.0016	0.0022	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	NAPHTHALENE	0.0016	0.0241	J	0.0110	AOC9-SB26-02	Not Qualified
SW8260	MB-11241	SO	n-BUTYLBENZENE	0.0018	0.0019	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	n-BUTYLBENZENE	0.0018	0.0037	F	0.0054	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	n-BUTYLBENZENE	0.0018	0.0058	F	0.0110	AOC9-SB26-02	U Flag

Data Usability Summary Report	Project: Griffiss AFB
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Method	Lab Blank	Matrix	Analyte	Blank Result	Sample Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-11241	SO	n-PROPYLBENZENE	0.0009	0.0008	F	0.0059	AOC9-SB30-03	U Flag
SW8260	MB-11241	SO	n-PROPYLBENZENE	0.0009	0.0011	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	n-PROPYLBENZENE	0.0009	0.0027	F	0.0110	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	n-PROPYLBENZENE	0.0009	0.0031	F	0.0054	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	SEC-BUTYLBENZENE	0.0011	0.0011	F	0.0059	AOC9-SB30-03	U Flag
SW8260	MB-11241	SO	SEC-BUTYLBENZENE	0.0011	0.0013	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	SEC-BUTYLBENZENE	0.0011	0.0028	F	0.0054	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	SEC-BUTYLBENZENE	0.0011	0.0030	F	0.0110	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	TOLUENE	0.001	0.0008	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11241	SO	TOLUENE	0.001	0.0011	F	0.0054	AOC9-SB26-02	U Flag
SW8260	MB-11241	SO	XYLENES, TOTAL	0.0008	0.0055		0.0054	AOC9-SB26-02	Not Qualified
SW8260	MB-11241	SO	XYLENES, TOTAL	0.0008	0.0008	F	0.0059	AOC9-SB30-03	U Flag
SW8260	MB-11241	SO	XYLENES, TOTAL	0.0008	0.0012	F	0.0056	AOC9-SB26-03	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0064	F	0.0509	AOC9-SB30-01	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0260	F	0.0537	AOC9-SB26-02	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0340	F	0.1100	AOC9-SB26-02	U Flag
SW8260	MB-11283	SO	ACETONE	0.0079	0.0487	F	0.3020	AOC9-SB33-01	Not Qualified
SW8260	MB-11283	SO	BROMOMETHANE	0.0011	0.0007	F	0.0107	AOC9-SB26-02	U Flag
SW8260	MB-11283	SO	BROMOMETHANE	0.0011	0.0008	F	0.0102	AOC9-SB30-01	U Flag
SW8260	MB-11283	SO	NAPHTHALENE	0.0017	0.0391		0.0054	AOC9-SB26-02	Not Qualified
SW8260	MB-11283	SO	NAPHTHALENE	0.0017	0.0241	J	0.0110	AOC9-SB26-02	Not Qualified
SW8260	MB-11301	SO	ACETONE	0.0044	0.0089	F	0.0678	AOC9-SB27-01	U Flag
SW8260	MB-11301	SO	ACETONE	0.0044	0.0252	F	0.0556	AOC9-SB28-02	Not Qualified
SW8260	MB-11301	SO	ACETONE	0.0044	0.1070	F	0.2960	AOC9-SB28-02	Not Qualified
SW8260	MB-11301	SO	NAPHTHALENE	0.0016	0.0549	J	0.0056	AOC9-SB28-02	Not Qualified
SW8260	MB-11301	SO	NAPHTHALENE	0.0016	0.1900	J	0.0296	AOC9-SB28-02	Not Qualified
SW8260	MB-11322	SO	ACETONE	0.0041	0.0648	F	0.2780	AOC9-SB31-01	Not Qualified
SW8260	MB-11324	SO	ACETONE	0.492	9.8800	M	50.7000	AOC9-SB39-01	Not Qualified
SW8260	MB-11327	SO	ACETONE	0.004	0.0931		0.0520	AOC9-SB28-01	Not Qualified

Method	Lab Blank	Matrix	Analyte	Blank Result	Sample Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-11327	SO	ACETONE	0.004	0.0074	F	0.0636	AOC9-SB26-01	U Flag
SW8260	MB-11327	SO	ACETONE	0.004	0.0076	F	0.0636	AOC9-SB26-01	U Flag
SW8260	MB-11327	SO	ACETONE	0.004	0.0265	F	0.1490	AOC9-SB29-03	Not Qualified

Table 2B - List of Samples Qualified for Field Blank Contamination

NA

Table 3 - List of Samples with Surrogates outside Control Limits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260	AOC9-SB27-03	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	203	84	118	1.0	J Flag Positive Hits
SW8260	AOC9-SB27-03	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	314	84	118	32.0	J Flag Positive Hits
SW8260	AOC9-SB27-03	TOLUENE-D8	125	84	116	32.0	J Flag Positive Hits
SW8260	AOC9-SB27-03	TOLUENE-D8	130	84	116	1.0	J Flag Positive Hits
SW8260	AOC9-SB28-02	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	121	84	118	5.0	J Flag Positive Hits
SW8260	AOC9-SB28-02	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	127	84	118	0.9	J Flag Positive Hits
SW8260	AOC9-SB29-02	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	129	84	118	8.0	J Flag Positive Hits
SW8260	AOC9-SB29-02	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	214	84	118	8.0	J Flag Positive Hits
SW8260	AOC9-SB29-02	DIBROMOFLUOROMETHANE	55	65	135	8.0	J Flag Positive Hits
SW8260	AOC9-SB29-02	TOLUENE-D8	72	84	116	8.0	J Flag Positive Hits
SW8260	AOC9-SB30-02	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	129	84	118	1.0	J Flag Positive Hits
SW8260	AOC9-SB39-01	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	131	84	118	8.0	J Flag Positive Hits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260	AOC9-SB39-01	TOLUENE-D8	125	84	116	8.0	J Flag Positive Hits
SW8260	AOC9-SB39-01MS	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	129	84	118	8.0	J Flag Positive Hits
SW8260	AOC9-SB39-01MS	TOLUENE-D8	123	84	116	8.0	J Flag Positive Hits
SW8260	AOC9-SB39-01MSD	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	132	84	118	8.0	J Flag Positive Hits
SW8260	AOC9-SB39-01MSD	TOLUENE-D8	125	84	116	8.0	J Flag Positive Hits

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Analyte	Orig. Result	Spike Amount	Rec.	Dil Fac	Low Limit	High Limit	Sample Qual.
SW8260	AOC9-SB39-01MS	1,1,2-TRICHLOROETHANE	< 0.2530	206	206	8.0	62	127	J Flag Positive Hits
SW8260	AOC9-SB39-01MS	1,2,4-TRIMETHYLBENZENE	< 0.0608	54	54	8.0	65	135	J Flag Positive Hits
SW8260	AOC9-SB39-01MS	2-CHLOROTOLUENE	< 0.0405	132	132	8.0	69	128	J Flag Positive Hits
SW8260	AOC9-SB39-01MS	ACETONE	< 0.3040	146	146	8.0	40	141	J Flag Positive Hits
SW8260	AOC9-SB39-01MS	METHYL ETHYL KETONE (2-BUTANONE)	< 0.4260	140	140	8.0	40	135	J Flag Positive Hits

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Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	Qual	BatchID
LCS-11301	1,1-DICHLOROETHENE	SW8260	157	65	136		11301
LCS-11324	ACETONE	SW8260	146	40	141		11324
LCS-11327	METHYLENE CHLORIDE	SW8260	60	63	137		11327
LCSD-11365	1,2-DICHLOROBENZENE	SW8260	121	74	120		11365
LCSD-11365	2-CHLOROTOLUENE	SW8260	129	69	128		11365
LCSD-11365	4-CHLOROTOLUENE	SW8260	129	73	126		11365
LCSD-11365	ACETONE	SW8260	155	40	141		11365
LCSD-11365	ISOPROPYLBENZENE (CUMENE)	SW8260	135	77	129		11365
LCSD-11365	SEC-BUTYLBENZENE	SW8260	134	63	132		11365

Table 6 –Samples that were Reanalyzed

Sample ID	Method	Sample Type	Action
AOC9-SB29-02	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB29-02	SW8260	RA	Do Not Report
AOC9-SB27-03	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB27-03	SW8260	DL	Report for E flag data only
AOC9-SB30-02	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB30-02	SW8260	DL	Report for E flag data only
AOC9-SB26-02	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB26-02	SW8260	DL	Report for E flag data only
AOC9-SB28-02	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB28-02	SW8260	DL	Report for E flag data only
AOC9-SB26-01	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB26-01	SW8260	RA	Do Not Report

Table 7 – Summary of Field Duplicate Results

NA

Key:
A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 30, 2007	Completed by: B. Krajewski

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness per NYSDEC Division of Environmental Remediation Guidance for the Development of DUSRs (June 1999). Specific criteria for QC limits were obtained from the project QAPP. Compliance with the project QA program is indicated on the in the checklist and tables. Any major or minor concerns affected data usability are summarized listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

Table 1 Sample Summary Tables from Electronic Data Deliverable

Client Sample ID	Lab Sample ID	Matrix	Sample Date	Method	MS/MSD	ID Corrections
AOC9-SB31-01	0709164-001	Soil	9/27/2007	Method 8260B		
AOC9-SB31-02	0709164-002	Soil	9/27/2007	Method 8260B		
AOC9-SB31-03	0709164-003	Soil	9/27/2007	Method 8260B		
AOC9-SB32-01	0709164-004	Soil	9/27/2007	Method 8260B		
AOC9-SB32-02	0709164-005	Soil	9/27/2007	Method 8260B		
AOC9-SB32-03	0709164-006	Soil	9/27/2007	Method 8260B		
AOC9-SB42-01	0709164-007	Soil	9/27/2007	Method 8260B		
AOC9-SB42-02	0709164-008	Soil	9/27/2007	Method 8260B		
AOC9-TP1-6.5'	0710111-001	Soil	10/16/2007	Method 8260B		

Work Orders, Tests and Number of Samples included in this DUSR

Lab Work Orders	Matrix	Test Method	Test Name	Number of Samples
0709164	Soil	SW8260	VOCs by GCMS Method 8260B	8
0710111	Soil	SW8260	VOCs by GCMS Method 8260B	1

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank not required. Field duplicate not included in this SDG.
All ASP Forms complete?	No – AFCEE reporting format.
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No - All samples were prepared and analyzed within holding times.

Insert Holding time table below.

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	Yes
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	Yes – Positive sample results qualified "U" except where results >10 times blank concentration.
Surrogate for method blanks and LCS within limits?	Yes
Surrogate for samples and MS/MSD within limits? (See Table 3). All samples should be re-analyzed for VOCs? Samples should re-analyzed if >1 BN and/or > AP for BNAs is out. Matrix effects should be established.	No – Positive results associated with high surrogate recoveries qualified "J".
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then J flag positive data in original sample due to matrix?	NA
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	No – Positive results associated with high surrogate recoveries qualified "J".
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	No - Low 1,4-dichlorobenzene-d4 for sample AOC9-SB31-01. Similar response for reanalysis. Associated positive results qualified "J".
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes.
Is second source standard within +/-25% for target compounds?	Yes
Is continuing calibration for target compounds < 20.5%D.	No - %D criteria not met for several standards. High bias indicated for all but chloromethane, acetone, chloroethane, dichlorodifluoromethane, bromomethane, 2-butanone. Positive results qualified "J".

Data Usability Summary Report	Project: Griffiss AFB
Date Completed: October 30, 2007	Completed by: B. Krajewski

Volatile Organics Organics by GCMS	
Description	**Notes and Qualifiers**
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes – Samples AOC9-SB31-02 and AOC9-SB42-01 analyzed at dilutions based on levels of target compounds present. Samples AOC9-SB31-01 and AOC9-SB42-02 reanalyzed to confirm matrix and because of suspect carry-over.
For TICs are there any system related compounds that should not be reported?	NA
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on method blank results, calibration standards, surrogate/LCS recoveries and IS response.

Table 2 - List of Positive Results for Blank Samples

Method	SampID	Analyte	Result	Lab Qualifier	Units	MDL	PQL
SW8260	MB-11301	ACETONE	0.0044	F	MG/KG	0.0003	0.0500
SW8260	MB-11301	BROMOMETHANE	0.0010	F	MG/KG	0.0001	0.0100
SW8260	MB-11301	NAPHTHALENE	0.0016	F	MG/KG	0.0002	0.0050
SW8260	MB-11322	ACETONE	0.0041	F	MG/KG	0.0003	0.0500
SW8260	MB-11322	TOLUENE	0.0006	F	MG/KG	0.0001	0.0050

Table 2A - List of Samples Qualified for Method Blank Contamination

Method	Lab Blank	Matrix	Analyte	Blank Result	Sample Result	Lab Qual	PQL	Affected Samples	Sample Flag
SW8260	MB-11301	SO	ACETONE	0.0044	0.0045	F	0.0533	AOC9-SB42-02	U Flag
SW8260	MB-11301	SO	ACETONE	0.0044	0.0071	F	0.0527	AOC9-SB32-01	U Flag
SW8260	MB-11301	SO	ACETONE	0.0044	0.0104	F	0.0550	AOC9-SB32-03	U Flag
SW8260	MB-11301	SO	ACETONE	0.0044	0.0146	F	0.0560	AOC9-SB42-01	U Flag
SW8260	MB-11301	SO	ACETONE	0.0044	0.0165	F	0.1190	AOC9-SB31-03	U Flag
SW8260	MB-11301	SO	ACETONE	0.0044	0.0233	F	0.1520	AOC9-SB42-01	Not Qualified
SW8260	MB-11301	SO	ACETONE	0.0044	0.0648	F	0.2780	AOC9-SB31-01	Not Qualified
SW8260	MB-11301	SO	ACETONE	0.0044	0.0854	F	0.2780	AOC9-SB31-01	Not Qualified
SW8260	MB-11301	SO	BROMOMETHANE	0.001	0.0006	F	0.0110	AOC9-SB32-03	U Flag
SW8260	MB-11301	SO	BROMOMETHANE	0.001	0.0007	F	0.0112	AOC9-SB42-01	U Flag
SW8260	MB-11301	SO	BROMOMETHANE	0.001	0.0008	F	0.0105	AOC9-SB32-01	U Flag
SW8260	MB-11301	SO	BROMOMETHANE	0.001	0.0022	F	0.0305	AOC9-SB42-01	U Flag
SW8260	MB-11301	SO	NAPHTHALENE	0.0016	0.0695		0.0152	AOC9-SB42-01	Not Qualified
SW8260	MB-11301	SO	NAPHTHALENE	0.0016	0.1080		0.0056	AOC9-SB42-01	Not Qualified
SW8260	MB-11301	SO	NAPHTHALENE	0.0016	0.0017	F	0.0053	AOC9-SB32-01	U Flag
SW8260	MB-11301	SO	NAPHTHALENE	0.0016	0.0020	F	0.0055	AOC9-SB32-03	U Flag
SW8260	MB-11301	SO	NAPHTHALENE	0.0016	0.0040	F	0.0119	AOC9-SB31-03	U Flag
SW8260	MB-11322	SO	ACETONE	0.0041	0.0648	F	0.2780	AOC9-SB31-01	Not Qualified
SW8260	MB-11322	SO	ACETONE	0.0041	0.0854	F	0.2780	AOC9-SB31-01	Not Qualified
SW8260	MB-11322	SO	TOLUENE	0.0006	0.0029	F	0.0278	AOC9-SB31-01	U Flag

Table 2B - List of Samples Qualified for Field Blank Contamination
NA

Table 3 - List of Samples with Surrogates outside Control Limits

Method	Sample ID	Analyte	Rec.	Low Limit	High Limit	Dil Fac	Sample Qual.
SW8260	AOC9-SB31-02	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	230	84	118	16.0	Diluted Out
SW8260	AOC9-SB31-02	1-BROMO-4-FLUOROBENZENE (4-BROMOFLUOROBENZENE)	371	84	118	8.0	Diluted Out
SW8260	AOC9-SB31-02	DIBROMOFLUOROMETHANE	58	65	135	16.0	Diluted Out
SW8260	AOC9-SB31-02	TOLUENE-D8	80	84	116	16.0	Diluted Out
SW8260	AOC9-SB31-02	TOLUENE-D8	125	84	116	8.0	Diluted Out

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
NA

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	Qual	BatchID
LCS-11301	1,1-DICHLOROETHENE	SW8260	157	65	136		11301
LCSD-11365	1,2-DICHLOROBENZENE	SW8260	121	74	120		11365
LCSD-11365	2-CHLOROTOLUENE	SW8260	129	69	128		11365
LCSD-11365	4-CHLOROTOLUENE	SW8260	129	73	126		11365
LCSD-11365	ACETONE	SW8260	155	40	141		11365
LCSD-11365	ISOPROPYLBENZENE (CUMENE)	SW8260	135	77	129		11365

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	Qual	BatchID
LCSD-11365	SEC-BUTYLBENZENE	SW8260	134	63	132		11365

Table 6 –Samples that were Reanalyzed

Sample ID	Method	Sample Type	Action
AOC9-SB31-01	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB31-01	SW8260	RA	Do Not Report
AOC9-SB31-02	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB42-01	SW8260	DL	Report for E flag data only
AOC9-SB42-01	SW8260	SAMP	Report, add J and UJ flags
AOC9-SB42-02	SW8260	SAMP	Do Not Report
AOC9-SB42-02	SW8260	RA	Report, add J and UJ flags

Table 7 – Summary of Field Duplicate Results

NA

Key:

A = Analyte
NC = Not Calculated
ND = Not Detected
PQL = Practical Quantitation Limit
RPD = Relative Percent Difference
T = Tentatively Identified Compound

H

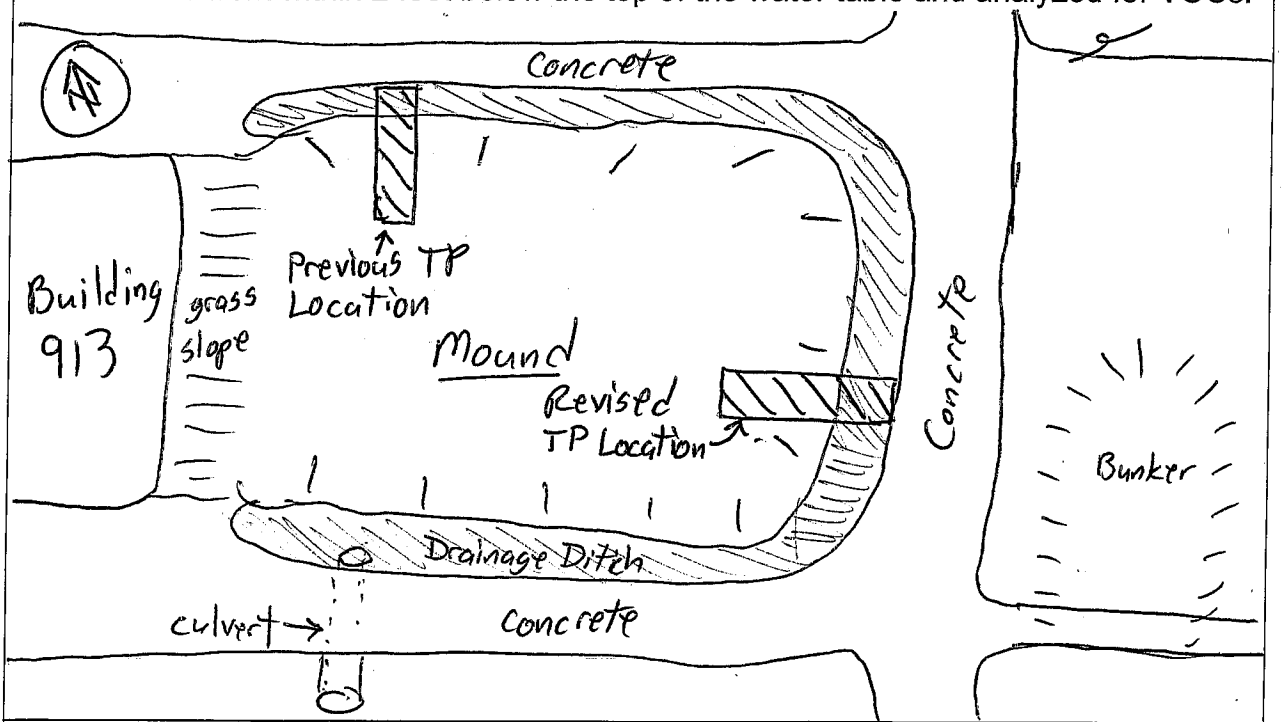
Field Adjustment Forms

Field Adjustment Form No. APDI-1
Former Griffiss AFB

To:	Mr. Douglas M. Pocze USEPA - Region 2 Federal Facilities Section 290 Broadway New York, New York 10007 Fax: (212) 637-3256 Office: (212 637-4432	Ms. Heather Bishop NYSDEC Division of Environmental Remediation 625 Broadway, 11th floor Albany, New York 12233-7015 Fax: (518) 402-9022 Office: (518) 402-9692
From:	Mr. Michael McDermott AFBCA 153 Brooks Road Rome, NY 13441-4105 Fax: (315) 356-0810 Office: (315) 356-0816	Date: 10/12/07 Time: 1100AM
Site: AOC 9		**Work Plan Section: Test Pit Excavation** **Page: 5 of 7**

Need for Field Adjustment

The proposed test pit location at AOC 9 has been moved from the NW corner of the mound adjacent to Building 913 to the SE corner of the mound to allow for the collection of up to 2 additional soil samples (see sketch below). The soil samples will be collected from within 2 feet below the top of the water table and analyzed for VOCs.



Prepared by:	Organization	Date: 10/12/07
R. Meyers	EEEPC	
Approved by:	Org:	Date:
	USACE	

Additional AOC 9 Predesign Investigation Field Adjustment Form

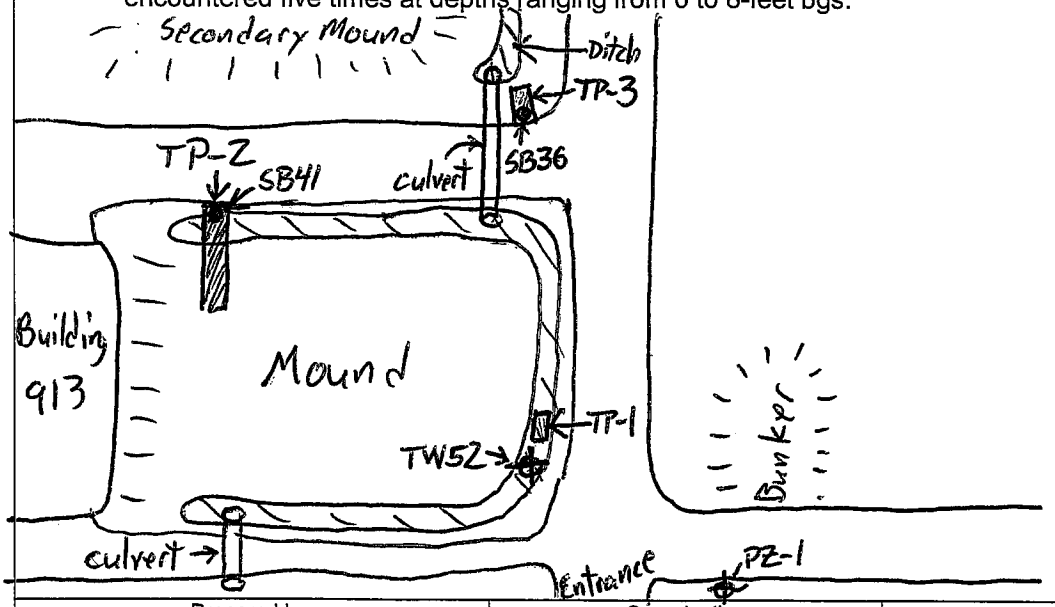
Field Adjustment Form No. APDI-2
Former Griffiss AFB

To: Mr. Douglas M. Pocze USEPA - Region 2 Federal Facilities Section 290 Broadway New York, New York 10007 Fax: (212) 637-3256 Office: (212 637-4432	Ms. Heather Bishop NYSDEC Division of Environmental Remediation 625 Broadway, 11th floor Albany, New York 12233-7015 Fax: (518) 402-9022 Office: (518) 402-9692
From: Mr. Michael McDermott AFBCA 153 Brooks Road Rome, NY 13441-4105 Fax: (315) 356-0816 Office: (315) 356-0810	Date: 10/17/07 Time: 1600
Site: AOC 9	**Work Plan Section: Test Pit Excavation** **Page: 5 of 7**

Need for Field Adjustment

In addition to the planned test pit excavation (TP-2 on figure below), two additional small test pits (TP-1 and TP-3) were excavated to gather additional information as described below;

1. TP-1 was excavated to obtain a soil sample from immediately below the water table (AOC9-TP1-6.5'),
2. TP-2 was excavated at the original planned location for TP-1, to observe how the sides of an excavation extended below the water table would behave, and
3. TP-3 was excavated at the location of soil boring SB-36 to determine why Geoprobe refusal was encountered five times at depths ranging from 6 to 8-feet bgs.



Prepared by:	Organization	Date:
R. Meyers	EEEPC	10/17/07
Approved by:	Org:	Date:
	USACE	

Additional AOC 9 Predesign Investigation Field Adjustment Form

Soil TCLP Data

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Saturday, October 20, 2007

Robert Meyers
Ecology & Environment, Inc.
368 Pleasant View Drive
Lancaster, NY 14086

TEL: 716-684-8060

Project: GRIFFISS AFB
RE: Analytical Results Order No.: 0709161

Dear Robert Meyers:

Life Science Laboratories, Inc. received 2 sample(s) on 9/27/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci

Monika Santucci
Project Manager

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-001A**
Project:	Griffiss AFB	**Client Sample ID:**	***AOC9-SB40-01***
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	MS01 11	**Sample Size:** 25 g	**PrepDate:** 10/02/07 16:45
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** 6295/R11338
Revision:	10/12/07 9:36	**TestCode** 8260L 1311	**FileID:** 1-SAMP-T0696.D
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS IN TCLP BY GC/MS				**SW8260B**		**(SW1311)**
1,1-Dichloroethene	ND		0.0100	mg/L	20	10/04/07 13:03
1,2-Dichloroethane	ND		0.0100	mg/L	20	10/04/07 13:03
2-Butanone	ND		0.0400	mg/L	20	10/04/07 13:03
Benzene	0.0502		0.0100	mg/L	20	10/04/07 13:03
Carbon tetrachloride	ND		0.0100	mg/L	20	10/04/07 13:03
Chlorobenzene	2.28	E	0.0100	mg/L	20	10/04/07 13:03
Chloroform	ND		0.0100	mg/L	20	10/04/07 13:03
Tetrachloroethene	ND		0.0100	mg/L	20	10/04/07 13:03
Trichloroethene	ND		0.0100	mg/L	20	10/04/07 13:03
Vinyl chloride	ND		0.0200	mg/L	20	10/04/07 13:03
Surr: 1,2-Dichloroethane-d4	113		75-134	%REC	20	10/04/07 13:03
Surr: 4-Bromofluorobenzene	81.3		75-125	%REC	20	10/04/07 13:03
Surr: Dibromofluoromethane	99.7		75-127	%REC	20	10/04/07 13:03
Surr: Toluene-d8	112		75-125	%REC	20	10/04/07 13:03

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-001ADL**
Project:	Griffiss AFB	**Client Sample ID:**	***AOC9-SB40-01***
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	MS02 12	**Sample Size:** 25 g	**PrepDate:** 10/02/07 16:45
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** 6295/R11444
Revision:	10/12/07 9:41	**TestCode** 8260L 1311	**FileID:** 1-DL-M2797.D
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS IN TCLP BY GC/MS				**SW8260B**		**(SW1311)**
1,1-Dichloroethene	ND		0.100	mg/L	200	10/10/07 2:05
1,2-Dichloroethane	ND		0.100	mg/L	200	10/10/07 2:05
2-Butanone	ND		0.400	mg/L	200	10/10/07 2:05
Benzene	ND		0.100	mg/L	200	10/10/07 2:05
Carbon tetrachloride	ND		0.100	mg/L	200	10/10/07 2:05
Chlorobenzene	5.89		0.100	mg/L	200	10/10/07 2:05
Chloroform	ND		0.100	mg/L	200	10/10/07 2:05
Tetrachloroethene	ND		0.100	mg/L	200	10/10/07 2:05
Trichloroethene	ND		0.100	mg/L	200	10/10/07 2:05
Vinyl chloride	ND		0.200	mg/L	200	10/10/07 2:05
Surr: 1,2-Dichloroethane-d4	104		75-134	%REC	200	10/10/07 2:05
Surr: 4-Bromofluorobenzene	105		75-125	%REC	200	10/10/07 2:05
Surr: Dibromofluoromethane	101		75-127	%REC	200	10/10/07 2:05
Surr: Toluene-d8	103		75-125	%REC	200	10/10/07 2:05

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-002A**
Project:	Griffiss AFB	**Client Sample ID:**	***AOC9-SB40-01***
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	MS05 26	**Sample Size:** 100 mL	**PrepDate:** 10/03/07 13:55
ColumnID:	DB-5MS	**%Moisture:**	**BatchNo:** 6290/R11420
Revision:	10/10/07 15:02	**TestCode** 8270L 1311	**FileID:** 1-SAMP-N8306.D
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS COMPOUNDS IN TCLP BY GC/MS				**SW8270C**		**(SW3520C)**
(3+4)-Methylphenol	ND		0.10	mg/L	1	10/09/07 18:14
1,4-Dichlorobenzene	0.65		0.10	mg/L	1	10/09/07 18:14
2,4,5-Trichlorophenol	ND		0.50	mg/L	1	10/09/07 18:14
2,4,6-Trichlorophenol	ND		0.10	mg/L	1	10/09/07 18:14
2,4-Dinitrotoluene	ND		0.10	mg/L	1	10/09/07 18:14
2-Methylphenol	ND		0.10	mg/L	1	10/09/07 18:14
Hexachlorobenzene	ND		0.10	mg/L	1	10/09/07 18:14
Hexachlorobutadiene	ND		0.10	mg/L	1	10/09/07 18:14
Hexachloroethane	ND		0.10	mg/L	1	10/09/07 18:14
Nitrobenzene	ND		0.10	mg/L	1	10/09/07 18:14
Pentachlorophenol	ND		0.50	mg/L	1	10/09/07 18:14
Pyridine	ND		0.10	mg/L	1	10/09/07 18:14
Surr: 2,4,6-Tribromophenol	108		46-149	%REC	1	10/09/07 18:14
Surr: 2-Fluorobiphenyl	88.6		42-130	%REC	1	10/09/07 18:14
Surr: 2-Fluorophenol	80.9		26-130	%REC	1	10/09/07 18:14
Surr: Nitrobenzene-d5	93.2		42-130	%REC	1	10/09/07 18:14
Surr: Phenol-d5	81.8		21-134	%REC	1	10/09/07 18:14
Surr: Terphenyl-d14	109		24-147	%REC	1	10/09/07 18:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-002A**
Project:	Griffiss AFB	**Client Sample ID:**	***AOC9-SB40-01***
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	GCGT 57G	**Sample Size:** 200 mL	**PrepDate:** 10/01/07 16:05
ColumnID:	RtxCLP	**%Moisture:**	**BatchNo:** 6270/R11321
Revision:	10/03/07 15:20	**TestCode** 8081L 1311	**FileID:** 1-SAMP-F:\GToct07\G100208.r
Col Type:	Primary		

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES IN TCLP BY GC/ECD				**SW8081A**		**(SW3520C)**
Endrin	ND		0.00050	mg/L	1	10/02/07 19:00
Heptachlor	ND		0.00025	mg/L	1	10/02/07 19:00
Heptachlor epoxide	ND		0.00025	mg/L	1	10/02/07 19:00
Lindane	ND		0.00025	mg/L	1	10/02/07 19:00
Methoxychlor	ND		0.0025	mg/L	1	10/02/07 19:00
Toxaphene	ND		0.0025	mg/L	1	10/02/07 19:00
Chlordane	ND		0.0025	mg/L	1	10/02/07 19:00
Surr: Tetrachloro-m-xylene	80.5		25-130	%REC	1	10/02/07 19:00
Surr: Decachlorobiphenyl	83.0		25-136	%REC	1	10/02/07 19:00

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-002A**
Project:	Griffiss AFB	**Client Sample ID:**	***AOC9-SB40-01***
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	GC90 20D	**Sample Size:** 200 mL	**PrepDate:** 10/03/07 13:36
ColumnID:	DB-1701	**%Moisture:**	**BatchNo:** 6293/R11345
Revision:	10/05/07 7:48	**TestCode** 8151L 1311	**FileID:** 1-SAMP-E:\90oct07\D100406.rs
Col Type:	Primary		

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
CHLORINATED HERBICIDES IN TCLP BY GC/ECD				**SW8151A**		**(SW3510C)**
2,4,5-TP (Silvex)	ND		0.010	mg/L	1	10/04/07 20:43
2,4-D	ND		0.10	mg/L	1	10/04/07 20:43
Surr: DCAA	105		25-175	%REC	1	10/04/07 20:43

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse , NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: Ecology & Environment, Inc.
Project: Griffiss AFB
W Order: 0709161
Matrix: SOIL

Lab ID: 0709161-002A
Client Sample ID: *AOC9-SB40-01*
Collection Date: 09/26/07 9:25
Date Received: 09/27/07 9:10

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TCLP MERCURY			**SW1311/7470A**		**(SW7470A)**	
Mercury	ND		0.00040	mg/L	1	09/28/07 15:46
TCLP METALS BY ICP			**SW6010B**		**(SW3010A)**	
Arsenic	ND		0.50	mg/L	1	10/01/07 15:33
Barium	ND		0.50	mg/L	1	10/01/07 15:33
Cadmium	ND		0.10	mg/L	1	10/01/07 15:33
Chromium	ND		0.50	mg/L	1	10/01/07 15:33
Lead	0.63		0.50	mg/L	1	10/01/07 15:33
Selenium	ND		0.10	mg/L	1	10/01/07 15:33
Silver	ND		0.50	mg/L	1	10/01/07 15:33

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 10/08/07 14:46 **Project Supervisor:** Monika Santucci

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-002A**
Project:	Griffiss AFB	**Client Sample ID:**	*AOC9-SB40-01*
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	Buret Type A	**Sample Size:** 10 g	**PrepDate:** 10/05/07 0:00
ColumnID:		**%Moisture:**	**BatchNo:** 6315/R11391
Revision:	10/08/07 13:35	**TestCode** RS7.3.4	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL RELEASABLE SULFIDE				**SW7.3.4.2**		**(SW7.3.4.2)**
Reactive Sulfide	ND		50	mg/Kg	1	10/08/07

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-002A**
Project:	Griffiss AFB	**Client Sample ID:**	*AOC9-SB40-01*
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	AA3	**Sample Size:** 10 g	**PrepDate:** 10/05/07 0:00
ColumnID:		**%Moisture:**	**BatchNo:** 6314/R11363
Revision:	10/05/07 18:03	**TestCode** RCN7.3.3	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL RELEASABLE CYANIDE				**SW7.3.3.2**		**(SW7.3.3.2)**
Reactive Cyanide	ND		25	mg/Kg	1	10/05/07

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-002A**
Project:	Griffiss AFB	**Client Sample ID:**	*AOC9-SB40-01*
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	pH meter	**Sample Size:** NA	**PrepDate:**
ColumnID:		**%Moisture:**	**BatchNo:** R11261
Revision:	10/01/07 9:19	**TestCode** PH9045C	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
LABORATORY (PH)				**SW-846 9045C**		
pH	8.29		1.00	pH Units	1	09/27/07 21:00

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	Ecology & Environment, Inc.	**Lab ID:**	**0709161-002A**
Project:	Griffiss AFB	**Client Sample ID:**	***AOC9-SB40-01***
W Order:	0709161	**Collection Date:**	09/26/07 9:25
Matrix:	SOIL	**Date Received:**	09/27/07 9:10
Inst. ID:	WC	**Sample Size:** NA	**PrepDate:**
ColumnID:		**%Moisture:**	**BatchNo:** R11259
Revision:	10/01/07 9:12	**TestCode** IGN1030S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
IGNITABILITY OF SOLIDS				**SW1030**		
Ignitability	ND		0	mm/sec	1	09/27/07

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
Brittonfield Lab

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East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EEE PC

Project: Former Griffiss AFB (AOC9)

Sampled by: James Mays

Client Contact: Robert Meyers Phone # 716-684-8060

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: VOCs (5 gram Encore) Method 8260 + 1-2002	PCT's 1-2002	Full TCLP + IRC	TCLP VOA		Depth Ft.	READINGS PPM FID	Comments	PID
AOC9-SB39-01 / MS/MSD	9/26/07	0820	Soil	Grab	15	12	3				12-13	*		448
AOC9-SB40-01		0925		Comp	1			1			10.5-12.5	*		754
AOC9-SB40-01		0925		Grab	1				1		16.5-12.5	*		754
AOC9-SB39-02		0840		Grab	5	4	1				15.3-15.7	*		3.1
AOC9-SB41-01		1010			5	4	1				11-11.4	*		0
AOC9-SB41-02		1022			5	4	1				16-16.4	*		0
AOC9-SB29-01		1100			5	4	1				4-4.3	*		0
AOC9-SB29-02		1124			5	4	1				17.8-18.2	*		711
AOC9-SB29-03		1135			5	4	1				20.3-20.7	*		5.1
AOC9-SB28-01		1320			5	4	1				6.8-7.2	6.9		3.6
AOC9-SB28-02		1340			5	4	1				17.8-18.2	1,485		91.2
AOC9-SB28-03	9/26/07	1349	Soil	Grab	5	4	1				21.8-22.2	68	Per 9/26/07	0.6

Relinquished by: [signature]	Date: 9/27/07	Time: 0715	Received by:	Date:	Time: 9/26/07
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab: [signature]	Date: 9/27/07	Time: 0910
Shipment Method:			Airbill Number:		

Turnaround Time Required:
Routine
Rush (Specify) 1 week

Comments: NOTE: FID NOT working at the time of some of the samples. * =

Cooler Temperature: 2.2° C on ice
Custody Seal INTACT

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: E & E

Date and Time Received: 9/27/2007 9:10:00 AM

Work Order Number 0709161

Received by: ads

Checklist completed by: _____ Initials 9/27/07 Date

Reviewed by: MS Initials 9/27/07 Date

Matrix: Carrier name: Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments: Report for TCLP Sample only

Corrective Action::