Phase II Limited Site Investigation
BASF Facility
Charlotte, North Carolina

H&H Job No. USP-001

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1.0 Introduction

This report documents Phase II Limited Site Investigation (LSI) activities recently conducted by Hart & Hickman, PC (H&H) at the BASF facility located at 4330 Chesapeake Drive in Charlotte, Mecklenburg County, North Carolina. The location of the site is indicated on Figure 1. The purpose of the Phase II LSI was to assess potential areas of environmental concern which had not been assessed or fully assessed in previous site assessment activities. These potential areas of concern were the following (see Figure 2):

- Potential for soil and ground water impact at the 29,000-gallon fuel oil underground storage tank (UST);
- Potential for soil impact at the Hazardous Waste Warehouse;
- Potential for soil impact at Wastewater Pump Station No.1;
- Potential for soil impact at Wastewater Pump Station No. 2;
- Potential for soil impact at the Northern Laboratory Sump; and
- Potential for soil impact at the Bulk Storage Area.

A brief summary of background information is provided in Section 2.0, a description of assessment activities is provided in Section 3.0, and the results and conclusions of the site assessment activities are provided in Sections 4.0 and 5.0.

2.0 Background Information

As part of a recent Phase I Environmental Site Assessment (ESA), H&H reviewed multiple reports related to environmental assessment and remediation activities conducted at the BASF facility. The results of the document review indicate that the BASF facility began operations in the mid-1960s and was used to manufacture chemicals for the textile and leather industries. The chlorinated solvent tetrachloroethene (PCE) was used as an equipment cleaner and in facility processes between 1972 and 1985. Specifically, PCE was used to clean equipment used during the manufacturing of chlorinated paraffin oil. Areas of PCE use included 1) the Sulfochlorination Unit (SU) which is located along the east side of the main Manufacturing Building, and 2) north and east of the Maintenance Building which is located just east of the subject site.

There are documented soil and ground water impacts at the site. The primary compounds of concern detected at the site include PCE and its degradation products trichloroethene (TCE) and cis-1,2-dichlorothene (cis-1,2-DCE). Ground water impacts extend from the Manufacturing Building in the central portion of the site to the southeast to off-site properties located across Pompano Road. Other compounds which have been detected in soil and ground water at levels of potential concern include bis(2-ethylhexyl)phthalate, chromium, arsenic, lead, nickel, zinc, vanadium, and manganese.

Based upon our review of the past assessment activities, H&H identified several potential areas of concern which had not been assessed or, in our opinion, had not been fully assessed in previous site assessment activities. These areas are briefly discussed below.

- Fuel Oil UST – An inactive fuel oil UST is located between the Manufacturing Building and the Office/Laboratory Building and was used to store back-up fuel for the on-site boilers. The UST has a capacity of 29,000 gallons and was installed in 1973.

  No soil samples had been collected in the area of the fuel oil UST as part of previous assessment activities. One ground water sample was previously collected in the area of

the UST. No volatile organic compounds (VOCs) or semi-VOCs (SVOCs) were detected above North Carolina Department of Environment and Natural Resources (DENR) ground water standards. However, the sample was not analyzed for hydrocarbon fractions in accordance with DENR UST Section guidelines. Metals detected above ground water standards in the sample included chromium (254 μg/l), manganese (5,300 μg/l), and nickel (213 μg/l). In addition, the UST was used to store fuel after the previous sampling was conducted.

- Wastewater Pump Stations. There are two wastewater pump stations at the site. Pump Station No. 1 is located north of the Office/Laboratory Building, and Pump Station No. 2 is located in the southeast corner of the site. Both pump stations date to the construction of the facility in the 1960s. The pump stations received on-site wastewater prior to discharge to the wastewater treatment plant. The wastewater treatment plant is located off-site southeast of the Maintenance Building.

  No previous assessment had been conducted in the area of Wastewater Pump Station No. 2. One previous ground water sample was collected in the area of Wastewater Pump Station No. 1 which indicated the presence of PCE (13 μg/l), TCE (4 μg/l), and manganese (1,270 μg/l) above DENR ground water standards. No soil samples had been collected in the area of Wastewater Pump Station No. 1 as part of previous assessment activities.

- Laboratory Sumps. There are two laboratory sumps which date back to the original construction in the 1960s. One is beneath the basement of the Office/Laboratory Building, and the second is located north of the Office/Laboratory Building. Both of the sumps served as wastewater collection points for lab and domestic waste.

  A previous soil sample was collected near the sump below the Office/Laboratory Building in 2007. Low levels of acetone, phenol, butylbenzyl phthalate, and bis(2-ethylhexyl)phthalate were detected in the soil sample. The primary metals detected at levels of potential concern in soil included vanadium and manganese. No soil sampling

had been conducted in the area of the laboratory sump located north of the Office/Laboratory Building.

- Bulk Storage Area. The Bulk Storage Area is located northeast of the main Manufacturing Building and was constructed in the 1960s. The tank farm was used to store raw materials and finished products in steel tanks. The tank farm was reportedly gravel lined until the late 1980s/early 1990s when a concrete liner was installed. Previous assessment reports indicated that there were significant stains on tanks, piping, and concrete in and adjacent to the northern truck loading station.

  No soil samples had been collected in the area of the Bulk Storage Area as part of previous assessment activities. Four ground water samples were collected from the perimeter of the bulk tank farm, and the highest compound concentrations were detected in the sample collected from the south side of the tank farm. The results of analysis of the ground water samples indicated the presence of PCE (up to 2,300 μg/l), TCE (up to 570 μg/l), cis-1,2-dichlorothene (cis-1,2-DCE; up to 190 μg/l), lead (up to 96.1 μg/l) and manganese (up to 9,440 μg/l) above ground water standards.

- Hazardous Waste Warehouse. A Hazardous Waste Warehouse is located in the eastern portion of the site. This warehouse was used to store hazardous wastes prior to shipment off-site. No previous assessment had been conducted in the area of this warehouse.

To further assess these potential areas of concern, H&H performed soil and ground water sampling at the site in August and September 2007. The methods and results of our activities are provided in the following section.

3.0 Sampling Activities

3.1 Soil Assessment

Soil sampling activities were conducted on August 3 and September 7, 2007 to investigate the potential areas of concern. Fifteen soil borings were advanced adjacent to and/or in the vicinity of the areas of concern using a hand auger or direct push technology (DPT) rig with hollow stem auger capabilities. Soil boring locations are shown on Figure 2.

H&H advanced the soil borings in the following locations:

- One soil boring (SB-1) was advanced in a grassy area approximately 3 ft to the east of the fuel oil UST fill port. Soil borings SB-2 and SB-3 were advanced to approximately 2 feet below the bottom of the west and east ends of the fuel oil UST.

- Two soil borings (SB-4 and SB-5) were advanced to the south and east downgradient of the Hazardous Waste Warehouse. SB-4 was advanced in a grassy area at the edge of the entrance due east of the Hazardous Waste Warehouse. Boring SB-5 was advanced in grass approximately 2 feet to the south of the warehouse.

- Soil boring SB-6 was advanced in a grassy area approximately 2 ft northwest of the edge of Wastewater Pump Station No. 2.

- Soil boring SB-7 was advanced in asphalt approximately 2 feet off the southwest corner of Wastewater Pump Station No. 1.

- Soil boring SB-8 was advanced in asphalt approximately 2 ft to the southeast of the northern laboratory sump.

- Three soil borings (SB-9, SB-10, and SB-11) were advanced to the south, east, and north of the Bulk Storage Area (access constraints prohibited advancing borings within the

containment). SB-9 was advanced in concrete 2 ft south from the edge of the bulk storage containment wall and approximately 44 ft west of the southeast corner of the bulk storage containment wall. SB-10 was advanced in concrete 2 ft east from the edge of the bulk storage containment wall and approximately 39 ft north of the southeast corner of the bulk storage containment wall. SB-11 was advanced in concrete 2 ft north from the edge of the bulk storage containment wall and approximately 76 ft west of the northeast corner of the bulk storage containment wall. Due to the thickness of concrete in the vicinity of the bulk storage area, vertical borings were advanced adjacent to the containment wall in lieu of angled borings as was initially planned. H&H advanced the borings to a depth that would possibly intercept potential impacted soils in the vicinity of the bulk storage area.

- To further assess conditions below the Bulk Storage Area, four additional soil borings (BSA-1 through BSA-4) were advanced within the bulk storage containment on September 7, 2007. The locations of the four additional borings are indicated in Figure 2. The borings were located to assess potential areas of concern in each "group" of tanks within the containment. A core drill was used to penetrate the concrete floor to allow access with a hand auger, and the hand auger was advanced to a depth of 3 ft below grade.

The soil borings were advanced to depths ranging from 3 ft to 40 ft below land surface. Initial borings were advanced at SB-1 through SB-11 with soil samples collected at continuous 4 ft sample intervals from each boring. Two-foot soil intervals were field screened for the presence of organic vapors with a photoionization detector (PID). Based upon the PID field screening results and/or pre-designated sample intervals, additional borings were advanced immediately adjacent to the screened borings for the purpose of collecting undisturbed soil samples for laboratory analysis.

At BSA-1 through BSA-4, soil samples were collected with the hand auger at 1-ft intervals, placed in laboratory supplies sample containers, and placed on ice. Soil from each interval was then field screened with a PID. The sample interval with the highest field screening results was

then submitted for laboratory analysis. Soil boring logs, including PID readings, are included in Appendix A.

Soil samples SB-1 through SB-3 were submitted for laboratory analysis of total petroleum hydrocarbons - diesel range organics (TPH-DRO) using EPA Method 3550/8015M, and for TPH - gasoline range organics (TPH-GRO) using EPA Method 5030/8015M. Soil samples SB-4 through SB-11 and BSA-1 through BSA-4 were submitted for laboratory analysis of VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C, and the 14 hazardous substance list (HSL) metals (antimony, arsenic, beryllium, cadmium, chromium, copper, lead, manganese, mercury, nickel, selenium, silver, thallium, and zinc). Samples SB-9, SB-10, and SB-11 were also analyzed for formaldehyde by EPA Method 8315A.

Laboratory-supplied sample bottles were used for sample collection. A chain-of-custody record was completed for samples collected and included sample description, date collected, time collected, matrix, sample container information, and analyses required. The chain-of-custody record was signed by H&H and accompanied the samples that were placed in a chilled cooler for transport to the laboratory. Laboratory analysis for the August 3, 2007 soil sampling event was conducted by Environmental Conservation Laboratories (ENCO), a North Carolina certified laboratory. Laboratory analysis for the September 7, 2007 soil sampling event was conducted by Prism Laboratories, Inc., a North Carolina certified laboratory. The chain-of-custody records and laboratory analytical data sheets are provided in Appendix B.

3.2 Ground Water Assessment

To assess the potential for ground water impact in the area of the fuel oil UST, one temporary monitoring well [(TW-1 (H&H)] was installed in the SB-2 boring. Temporary monitoring well TW-1 (H&H) was installed using a 1-inch diameter PVC casing and 10 ft well screen with 30 ft of riser (total depth of 40 ft). The well was completed to two feet above ground surface. The location of TW-1 (H&H) is indicated in Figure 2. The boring log is included as Appendix A.

TW-1 (H&H) was developed on August 6, 2007 using a dedicated, disposable 0.75-inch

diameter polyethylene bailer to remove fine-grained sediment introduced during the drilling process and to ensure communication between the well and aquifer.

On August 7, 2007, H&H returned to the site to purge and sample TW-1 (H&H). The depth to the water in the well was 39.54 ft from the top of casing. Due to a low water volume and slow recharge, there was only sufficient water for collection of ground water samples for VOC and SVOC analysis. On August 8, 2007, H&H returned to the site and completed the ground water sampling activities for analysis of volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH). Well purging and sampling were completed using a dedicated, disposable 0.75-inch polyethylene bailer.

The ground water sample was placed into laboratory supplied bottles upon collection, properly labeled, and placed in a cooler with ice for transport to ENCO. A chain-of-custody record was completed for the sample and included sample description, date collected, time collected, matrix, sample container information, and analyses required. The chain-of-custody record was signed by H&H and accompanied the samples. The ground water sample was analyzed for VOCs by EPA Method 8260B, SVOCs by EPA Method 8270C, and VPH and EPH using the Massachusetts Department of Environmental Protection (MADEP) Methods. The chain-of-custody record and laboratory data sheets are provided in Appendix B.

4.0 Results

4.1 Soil

The results of the laboratory analysis of the soil samples are summarized in Table 1. Low levels of TPH-DRO (5.7 mg/kg to 7.0 mg/kg) and TPH-GRO (1.9 mg/kg to 5.4 mg/kg) were detected in samples SB-1 through SB-3 located at the fuel oil UST. The detectable concentrations of TPH-DRO and TPH-GRO are below the DENR UST Section Action Levels of 10 mg/kg for TPH-DRO and TPH-GRO.

One or more detectable concentrations of PCE (0.0020 mg/kg to 0.430 mg/kg), TCE (0.048 mg/kg), toluene (0.0025 mg/kg to 0.0039 mg/kg), acetone (0.054 mg/kg), and cis-1,2-DCE (0.0061 mg/kg) were reported in soil samples SB-4, SB-6, SB-8, SB-9, SB-10, SB-11, and BSA-2 (Hazardous Waste Warehouse, Pump Station No. 2, Northern Laboratory Sump, and Bulk Storage Area). Of the concentrations detected, only the compound concentrations in BSA-2 located in the western portion of the Bulk Storage Area containment exceeded the regulatory screening levels.

In BSA-2, the detected concentrations of PCE (0.420 mg/kg) and TCE (0.048 mg/kg) exceeded their respective DENR soil-to-groundwater maximum soil contaminant concentrations (MSCCs) of 0.0074 mg/kg and 0.018 mg/kg, respectively. The PCE and TCE concentrations did not exceed the DENR Inactive Hazardous Sites Branch residential (unrestricted use) soil remediation goals (SRGs) or the EPA Region 9 industrial use Preliminary Remedial Goals (PRGs). The presence of concentrations of PCE and TCE above screening levels in BSA-2 confirms a release associated with the former Bulk Storage Area. Results of ground water analyses indicate that the Bulk Storage Area is a likely source of PCE impact in ground water, and the soil sampling results provide further evidence that the Bulk Storage Area is a source of chlorinated solvent impacts.

Please note that the presence of toluene in H&H's soil samples could potentially be a laboratory introduced contaminant. According to ENCO, a small amount of toluene was observed in the trip blank which was traced back to the manufacturer. However, low levels of toluene have been

previously reported at the auxiliary manufacturing area (SS-10 [0.002 J mg/kg]) and the off-site drainage swale (SB-10 (30-32') [0.02 mg/kg]). Nevertheless, the low detected levels of toluene in the samples are below the DENR screening levels.

No SVOCs were detected in any of the samples, and no formaldehyde was detected in samples analyzed for this compound.

Low concentrations of metals were detected in each soil sample and the metals may be naturally occurring in some instances. The concentration of chromium reported in SB-8 (28.6 mg/kg) and BSA-4 (33 mg/kg) slightly exceeds the DENR soil to ground water MSCC of 27 mg/kg, but did not exceed the DENR residential SRG or the EPA Region 9 industrial use PRG. The concentrations of arsenic in BSA-1 (1.8 mg/kg) and BSA-4 (1.7 mg/kg) exceed the EPA Region 9 industrial use PRG for arsenic but did not exceed the DENR residential SRG of 4.4 mg/kg (note that the EPA Region 9 industrial use PRG is lower than the DENR residential use SRG because the PRG is based upon carcinogenic effects and the SRG is based upon non-carcinogenic effects). The concentration of manganese (934 mg/kg) in SB-8 exceeds the DENR residential SRG of 360 mg/kg, but did not exceed the EPA Region 9 industrial use PRG.

Previous assessment activities conducted by BASF have not established background concentrations for metals. However, the detected concentrations of these metals are abnormally high in comparison to the low concentrations of chromium, manganese, and arsenic detected in other soil samples. The elevated concentrations reported in SB-8 appear to indicate a release from the Northern Laboratory Sump, and the elevated levels of arsenic and chromium at BSA-1 and BSA-4 indicate a potential release at the former Bulk Storage Area.

4.2 Ground Water

Only chloromethane (1.2 μg/l) was reported in TW-1 (H&H) at a concentration below the DENR 2L ground water standard of 2.6 μg/l (Table 2). Chloromethane is not typically associated with fuel oil. No other concentrations of VOCs, SVOCs, VPH, or EPH were reported in the ground water sample collected near the fuel oil UST.

5.0 Conclusions

H&H has completed Phase II LSI activities in the vicinity of the fuel oil UST, the Hazardous Waste Warehouse, Wastewater Pump Station No.1, Wastewater Pump Station No. 2, the Northern Laboratory Sump, and the Bulk Storage Area at the BASF facility. In addition, a ground water sample was collected adjacent to the fuel oil UST.

The results of analysis of the samples indicate the presence of low levels of TPH-DRO and TPH-GRO in soil samples near the inactive fuel oil UST. The detected concentrations of TPH are below the DENR Action Levels. In addition, no petroleum-related ground water impacts were detected in the area of the fuel oil UST.

Results of analysis of soil samples indicated the presence of low levels of VOCs (PCE, TCE, toluene, and cis-1,2-DCE) in the area of the Hazardous Waste Warehouse, Pump Station No. 2, Northern Laboratory Sump, and/or Bulk Storage Area. Of the VOC compounds detected, the concentrations of PCE and TCE in a sample from the west side of the Bulk Storage Area exceed their respective DENR soil to ground water MSCCs. The presence of concentrations of PCE and TCE above screening levels indicates a release associated with the former Bulk Storage Area. Results of ground water analyses indicate that the Bulk Storage Area is a likely source of PCE impact in ground water, and the soil sampling results provide further evidence that the Bulk Storage Area is a source of chlorinated solvent impacts.

Chromium and manganese concentrations in soil are elevated in the soil sample collected near the Northern Laboratory Sump and exceed DENR screening levels for protection of ground water or residential use. The concentrations do not exceed the screening levels for industrial use. The elevated metals concentrations appear to indicate a release from the Northern Laboratory Sump.

Concentrations of chromium and arsenic were also detected above regulatory screening levels in two samples collected from below the Bulk Storage Area. The concentration of chromium exceeded its screening level for protection of ground water, and the concentrations of arsenic

exceed the industrial use PRG. The elevated levels of metals may indicate a release of metals associated with the Bulk Storage Area.

Table 1
Summary of Soil Analytical Results
BASF Facility
Charlotte, North Carolina
H&H Job No. USP-001

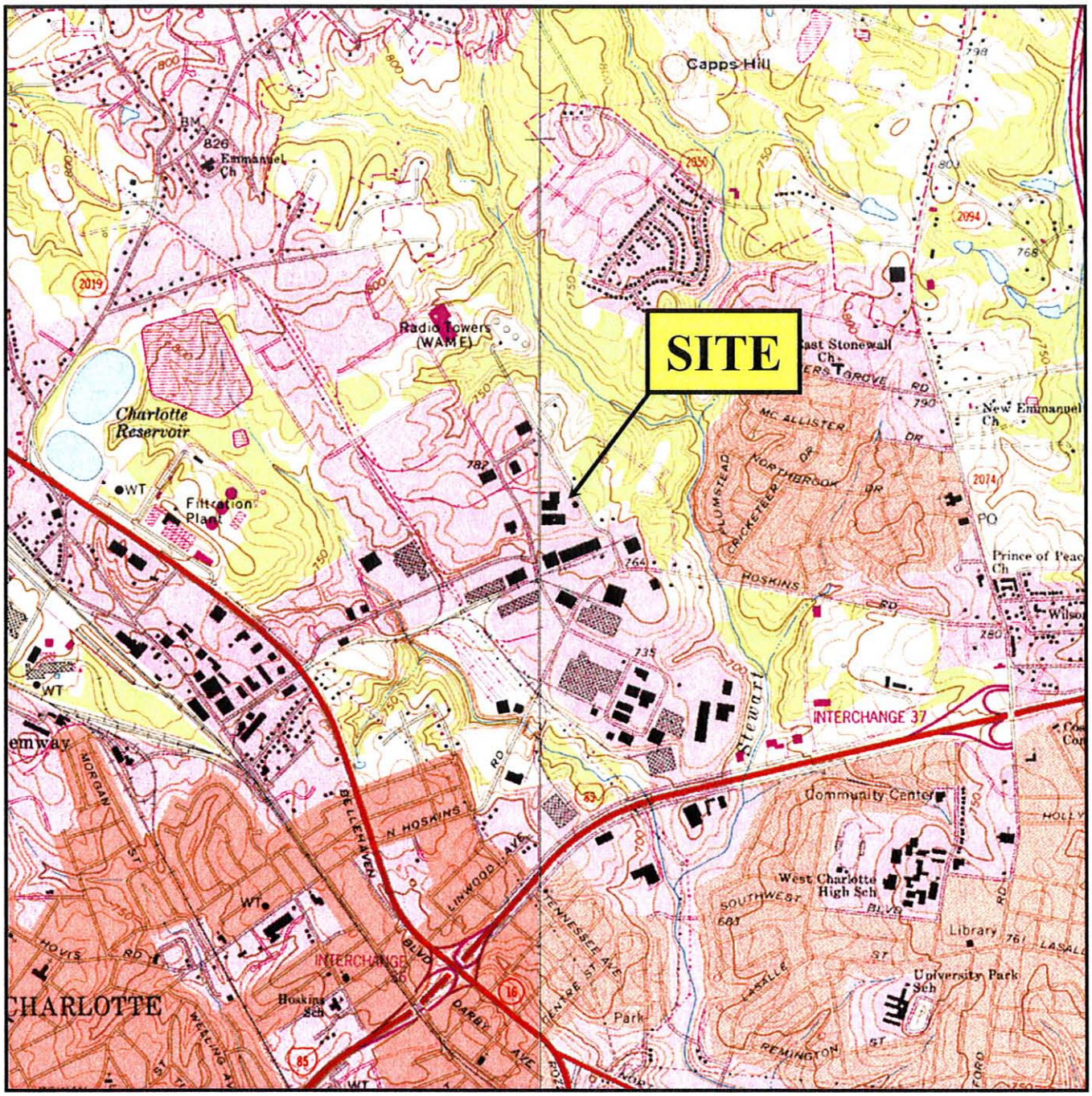
Potential Area of Concern	#2 Fuel Oil UST			Hazardous Waste Warehouse		Wastewater Pump Station 2	Wastewater Pump Station 1	Northern Laboratory Sump	Bulk Storage Area							DENR IHSB Residential SRGs	DENR Soil-to-Groundwater MSCC	EPA Region 9 Industrial PRGs
Sample ID	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-11	BSA-1	BSA-2	BSA-3	BSA-4			
Depth (feet)	3-5	10-12	10-12	1-3	1-3	8-10	8-10	8-10	13-15	13-15	13-15	2-3	0-1	2-3	2-3			
Units	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
VOCs (8260B)																		
Tetrachloroethene	NA	NA	NA	0.0020	<0.0013	<0.0012	<0.0013	<0.0013	<0.0012	<0.0013	0.0055	<0.011	**0.43**	<0.01	<0.011	0.48	0.0074	1.3
Trichloroethene	NA	NA	NA	<0.0015	<0.0013	<0.0012	<0.0013	<0.0013	<0.0012	<0.0013	<0.0013	<0.0057	**0.048**	<0.0052	<0.0056	0.053	0.018	0.11
Toluene	NA	NA	NA	<0.0015	0.0032	0.0038	<0.0013	0.0039	0.0025	0.0038	<0.0013	<0.0057	<0.0046	<0.0052	<0.0056	132	7.3	520
cis-1,2-Dichloroethene	NA	NA	NA	<0.0015	<0.0013	0.0061	<0.0013	<0.0013	<0.0012	<0.0013	<0.0013	<0.0057	<0.0046	<0.0052	<0.0056	8.6	0.35	150
Acetone	NA	NA	NA	<0.0073	<0.0063	<0.0062	<0.0066	<0.0066	<0.0062	<0.0063	<0.0064	<0.23	0.054	<0.021	<0.022	2,800	2.8	54,000
Formaldehyde (8315A)	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	1,840	NS	100,000
Semi-VOCs (8270C)	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		Varies	Varies	Varies
Metals (6010B/7471A)																		
Antimony	NA	NA	NA	<0.73	<0.61	<0.66	<0.63	<0.63	<0.62	<0.65	<0.63	<0.24	<0.23	<0.24	<0.25	6.2	NS	410
Arsenic	NA	NA	NA	<0.73	<0.61	<0.66	<0.63	<0.63	<0.62	<0.65	<0.63	**1.8**	1.4	1.5	**1.7**	4.4	NS	1.6
Beryllium	NA	NA	NA	<0.073	<0.061	<0.0066	<0.063	<0.063	<0.062	<0.065	<0.063	0.72	0.55	0.56	1.1	30	NS	1,900
Cadmium	NA	NA	NA	<0.073	<0.061	<0.0066	<0.063	<0.063	<0.062	<0.065	<0.063	<0.30	<0.28	<0.30	<0.31	7.4	NS	450
Chromium	NA	NA	NA	3.88	3.46	2.09	2.73	**28.6**	<0.62	<0.65	<0.63	17	24	14	**33**	44	27	64
Copper	NA	NA	NA	<0.726	<0.614	<0.655	<0.631	<0.627	<0.618	<0.65	<0.626	10	7.0	12	22	620	NS	41,000
Lead	NA	NA	NA	3.85	4.06	7.23	5.01	3.36	3.12	3.59	3.00	7.7	9.5	8.3	8.7	400	270	800
Manganese	NA	NA	NA	109	92.3	85.9	137	**934**	112	80.6	81.9	75	110	100	200	360	NS	19,000
Mercury	NA	NA	NA	0.016	<0.012	<0.013	<0.013	<0.013	<0.012	0.046	<0.013	<0.024	<0.023	0.027	0.080	4.6	NS	310
Nickel	NA	NA	NA	<0.73	<0.61	<0.66	<0.63	4.15	0.84	<0.65	<0.63	4.6	6.4	4.9	7.3	320	NS	20,000
Selenium	NA	NA	NA	<0.73	<0.61	<0.66	<0.63	<0.63	<0.62	<0.65	<0.63	<0.61	<0.56	<0.61	<0.62	78	NS	5,100
Silver	NA	NA	NA	<0.73	<0.61	<0.66	<0.63	<0.63	<0.62	<0.65	<0.63	<0.30	<0.28	<0.30	<0.31	78	0.23	5,100
Thallium	NA	NA	NA	<0.73	<0.61	<0.66	<0.63	<0.63	<0.62	<0.65	<0.63	<0.61	<0.56	<0.61	<0.62	1.04	NS	67
Zinc	NA	NA	NA	15.4	7.76	9.23	20.9	11.3	15.3	8.34	8.99	20	16	17	23	4,600	NS	100,000
																DENR Action Level		
TPH-DRO	7.0	5.7	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 mg/kg		
TPH-GRO	3.2 JD	1.9 JD	5.4 JD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 mg/kg		

Notes:
Soil samples SB-1 through SB-11 collected on August 3, 2007; Soil samples BSA-1 through BSA-4 collected on September 7, 2007.
Bold indicates exceeds screening level
EPA Method number follows parameter in parenthesis
VOC results shown only for compounds which were detected above the laboratory method reporting limit
VOC = Volatile Organic Compound; NS = Not Specified; NA = Not Analyzed; PRGs = Preliminary Remediation Goals;
DRO = Diesel Range Organics; GRO = Gasoline Range Organics; TPH = Total Petroleum Hydrocarbons.
mg/kg = milligrams per kilogram; ND = Not Detected; DENR = North Carolina Department of Environment and Natural Resources.
DENR Residential Soil Remediation Goals (SRGs) from Inactive Hazardous Sites Branch (IHSB) Health-Based Soil Remediation Goals updated August 2006
EPA Region 9 Preliminary Remedial Goals (PRGs) from table dated October 2004
MSCC = Maximum Soil Contaminant Concentration
J = The reported value is between the laboratory method detection limit and the laboratory method reporting limit
D = The sample was analyzed at dilution.

Table 2
Summary of Ground Water Analytical Results
BASF Facility
Charlotte, North Carolina
H&H Job No. USP-001

Sample ID	TW-1 (H&H)	TW-1 (H&H) - 2	NC 2L Standard
Units	(µg/l)	(µg/l)	(µg/l)
VOCs (8260)			
Chloromethane	1.2	NA	2.6
Semi-VOCs (8270C)	All ND	NA	
VPH/EPH (MADEP Method)			
VPH C5-C8 Aliphatics	NA	<20	420
VPH C9-C12 Aliphatics	NA	<30	NS
EPH C9-C18 Aliphatics	NA	<500	NS
Total C9-C18 Aliphatics	NA	<530	4,200
VPH C9-C10 Aromatics	NA	<20	NS
EPH C11-C22 Aromatics	NA	<100	NS
Total C9-C22 Aromatics	NA	<120	210
EPH C19-C36 Aliphatics	NA	<500	42,000

Notes:
Method number follows parameter in parenthesis; Bold indicates impact exceeds target level.
VOC results shown only for compounds which were detected above the laboratory method reporting limit.
Samples collected by H&H from same well on August 7 and 8, 2007;
VOCs = Volatile Organic Compounds; NS = Not Specified
VPH = Volatile Petroleum Hydrocarbons; EPH = Extractable Petroleum Hydrocarbons
µg/l = micrograms per liter (parts per billion)
ND = Not detected
NA = Not analyzed



N

APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

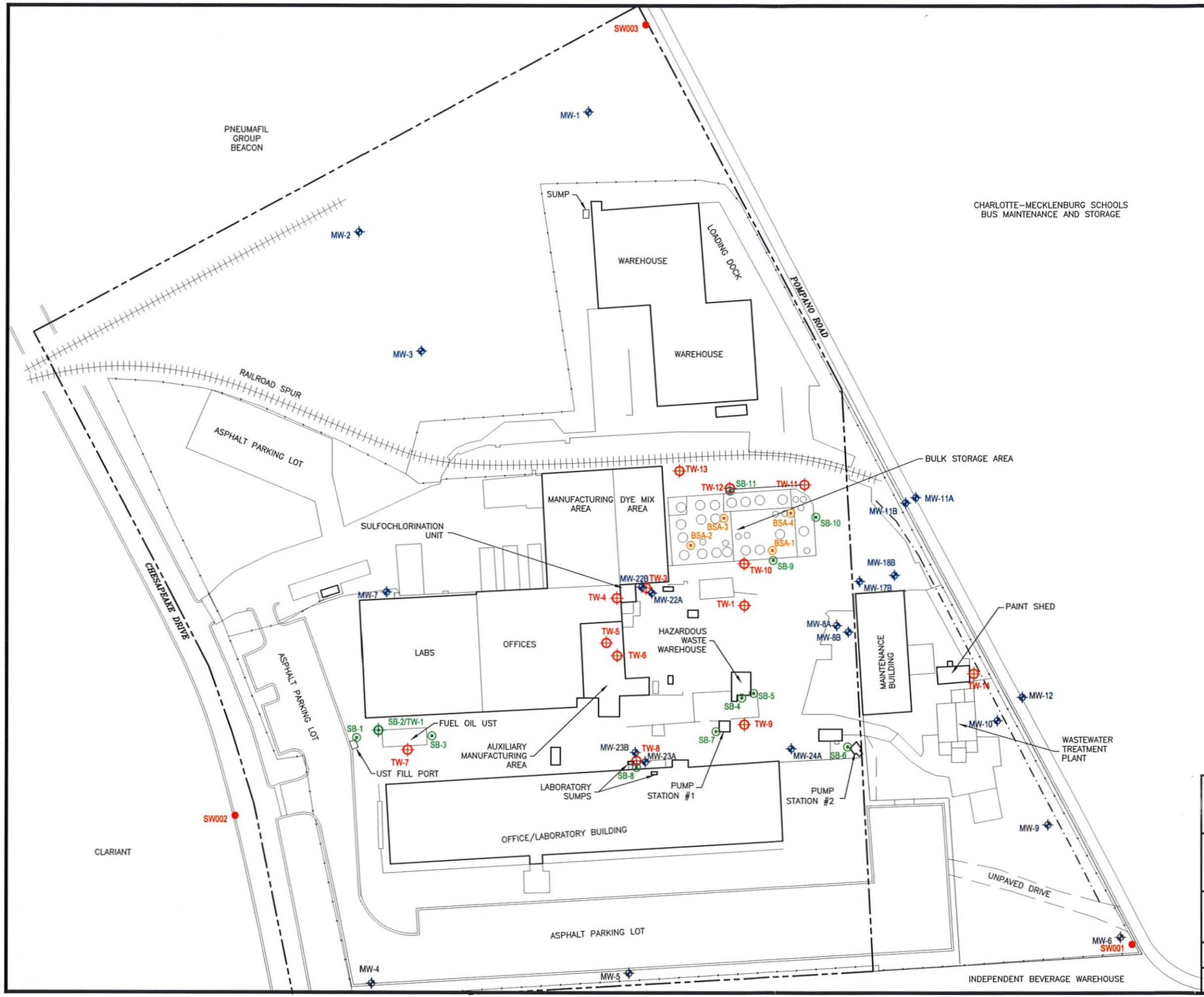
DERITA, NC 1993
MOUNTAIN ISLAND LAKE, NC 1993

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE LOCATION MAP
PROJECT	BASF FACILITY

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0373 (f)

DATE:	8-24-07	REVISION NO:	0
JOB NO:	USP-001	FIGURE NO:	1



LEGEND

- PROPERTY BOUNDARY
- RAILROAD
- DRAINAGE DITCH
- MW-7 EXISTING MONITORING WELL
- TW-7 TEMPORARY MONITORING WELL
- SW003 STORMWATER OUTFALL LOCATION
- SB-1 SOIL BORING INSTALLED BY HART & HICKMAN ON AUGUST 3, 2007
- TW-1 TEMPORARY MONITORING WELL INSTALLED BY HART & HICKMAN ON AUGUST 3, 2007
- BSA-1 SOIL BORING INSTALLED BY HART & HICKMAN SEPTEMBER 7, 2007

N

APPROXIMATE
0 100 200
SCALE IN FEET

TITLE
SITE MAP

PROJECT
BASF FACILITY
CHARLOTTE, NORTH CAROLINA

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: 9–5–07	REVISION NO. 0
JOB NO: USP–001	FIGURE NO. 2

S:\AAA-Master Projects\US Polymers - USP\FIGURES\USP-001 FIG-01B.dwg, 9/19/2007 4:28:05 PM, 1:100

Appendix A

Soil Boring Logs

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

LOG OF BORING: SB-1

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54DT / DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				GRASS/ORGANICS				
			CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR.		0.0	0.0	
3'-5'			CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.0	
	5		CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.0	
			CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.0	
			CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR.		0.0	0.0	
	10				BORING TERMINATED AT 10 FT.				
	15								
	20								
	25								

Completion Depth: 10 FT.
Date Boring Started: 8.3.07
Date Boring Completed: 8.3.07
Engineer/Geologist: JOHN MEYER
Drilling Contractor: SALDACO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

Hart & Hickman
A Professional Corporation
2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)586-0007 (704)586-0373-fax

LOG OF BORING: SB-2/TW-1

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54 DT / DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG. OVA (ppm)	SAMP. OVA (ppm)	WELL DIAGRAM
	0				GRASS GRAPHICS				
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.5	
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.0	
	5	X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.0	
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.0	
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.0	
	10	X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR,		0.0	2.3	⊗
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	1.2	
	15	X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR,		0.0	0.9	
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR		0.0	0.9	
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR,		0.0	0.5	
	20	X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR,		0.0	0.0	
		X	CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR.		0.0	0.0	
	25	X	CL	98	RED SILTY-CLAY, SOME PWR DAMP, SOFT, NO ODOR,		0.0	0.0	
		X	CL	98	RED SILTY-CLAY, DAMP, SOFT, NO ODOR SOME PWR.		0.0	0.0	
		X	CL	98	RED SILTY-CLAY, SOME PWR, DAMP, SOFT, NO ODOR		0.0	0.0	
	30	X	CL	98	RED SILTY-CLAY, DAMP TO MOIST, SOFT NO ODOR, MOIST.		0.0	0.0	
		X	PWR	95	MOSTLY PWR, SOME CLAY, NO ODOR		0.0	0.0	SAND
	35	X	PWR	95	MOSTLY PWR, SOME CLAY, NO ODOR		0.0	0.0	
		X	PWR	95	MOSTLY PWR, SOME CLAY, NO ODOR		0.0	0.0	
		X	PWR	95	MOSTLY PWR, SOME CLAY, NO ODOR		0.0	0.0	
	40				BORING TERMINATED AT 40 FT.				Cap
	45								
	50								

Completion Depth: 40 FT.
Date Boring Started: 8-3-07
Date Boring Completed: 8-3-07
Engineer/Geologist: JOHN MCVEY
Drilling Contractor: SADACO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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Sheet of

LOG OF BORING: SB-3

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54 DT/DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				GRASS/ORGANICS				
			CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR.		0.0	0.0	
			CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR,		0.0	0.0	
	5		CL	98	RED SILTY-CLAY, DRY, SOFT, NO ODOR,		0.0	0.0	
			SM	98	LIGHT TAN BEDDING SAND, SOME ROCK, SOME CLAY, SOFT		0.0	0.0	
			CL	98	REDDISH-ORANGE SILTY-CLAY, DRY NO ODOR, STIFF.		0.0	0.0	
	10		CL	98	REDDISH-ORANGE SILTY-CLAY, DRY, NO ODOR, STIFF.		0.0	0.0	
			CL	98	REDDISH-ORANGE SILTY-CLAY, DRY, NO ODOR, STIFF		0.0	0.0	
	15		CL	98	LIGHT TAN BEDDING SAND, DRY, SOME CLAY, SOFT.		0.0	0.0	
					BORING TERMINATED AT 16 FT.				
	20								
	25								

Completion Depth: 16 FT
Date Boring Started: 8-3-07
Date Boring Completed: 8-3-07
Engineer/Geologist: JOHN [illegible]
Drilling Contractor: SALDACCO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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Sheet 1 of 1

LOG OF BORING: SB-4

Project: EAST CORRIDOR
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 6.21 DT / DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				GRASS/ORGANICS				
		X	CL	95	REDISH-CLAY, STIFF, NO ODOR, SOME QTZ FRAGMENTS, DRY		0.0	0.0	
					BORING TERMINATED AT 4 FT.				
	5								
	10								
	15								
	20								
	25								

Completion Depth: 4 FT.
Date Boring Started: 8.3.07
Date Boring Completed: 8.3.07
Engineer/Geologist: JOHN MEYER
Drilling Contractor: SAL DACCO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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LOG OF BORING: SB-5

Project: BAST CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 5410 DT/DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				GRASS/ORGANICS				
		X	CL	98	RED SILTY-CLAY, DRY, NO ODOR, SOME QTZ FRAGMENTS, SOFT.		0.0	0.0	
					BORING TERMINATED AT 4 FT.				
	5								
	10								
	15								
	20								
	25								

Completion Depth: 4 FT.
Date Boring Started: [illegible]
Date Boring Completed: [illegible]
Engineer/Geologist: [illegible]
Drilling Contractor: SAEDIACCO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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LOG OF BORING: SB-6

Project: BASF CORPORATION
Job No: 1EP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54DT/DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				GRASS/ORGANICS				
					RED SILTY-CLAY, NO ODOR, STIFF, DRY		0.0	0.0	
			CL	98	RED SILTY-CLAY DRY, STIFF, NO ODOR		0.0	0.0	
							0.0	1.9	
	5		CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR				
							0.0	0.8	
			CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR				
							0.0	0.5	
			CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR		0.0	5.6	X
	10				BORING TERMINATED AT 10 FT				
	15								
	20								
	25								

Completion Depth: 10 FT
Date Boring Started: 8-3-07
Date Boring Completed: 8-3-07
Engineer/Geologist: JOHN MAYER
Drilling Contractor: BRADCO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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LOG OF BORING: SB-7

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54 DT/DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				ASPHALT W/GRAVEL				
			CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR		0.0	0.0	
			CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR		0.0	0.0	
	5		CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.0	
			CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.0	
			CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	2.3	⊗
	10				BORING TERMINATED AT TARGET DEPTH OF 10 FT.				
	15								
	20								
	25								

Completion Depth: 10 FT
Date Boring Started: 8-5-02
Date Boring Completed: 8-5-02
Engineer/Geologist: JOHN [illegible]
Drilling Contractor: [illegible]

Remarks:

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LOG OF BORING: SB-8

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54 DT / DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				ASPHALT W/ GRAVEL				
			CL	95	RED SILTY-CLAY, NO ODOR, STIFF, DRY.		0.0	0.1	
			CL	95	RED SILTY-CLAY, STIFF, NO ODOR DRY.		0.0	0.0	
	5		CL	95	RED SILTY-CLAY, STIFF, NO ODOR, DRY		0.0	0.0	
			CL	95	RED SILTY-CLAY, STIFF, NO ODOR, DRY		0.0	0.5	
			CL	98	RED SILTY-CLAY, DRY, STIFF, NO ODOR		0.0	3.8	
	10				BORING TERMINATED AT TARGET DEPTH OF 10 FT.				
	15								
	20								
	25								

Completion Depth: 10 FT
Date Boring Started: 8-3-17
Date Boring Completed: 8-3-17
Engineer/Geologist: JOHN MOYER
Drilling Contractor: SADDLE

Remarks:

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LOG OF BORING: SB-9

Project: BASF CORPORATION
Job No: VSP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54DT/DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				CONCRETE				
			CL	95	DARK RED SILTY CLAY, DRY, STIFF NO ODOR.		0.0	0.0	
			CL	95	DARK RED TO RED SILTY-CLAY, DRY, STIFF, NO ODOR,		0.0	0.0	
	5		CL	98	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.0	
			CL	98	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.0	
	10		CL	98	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.0	
			CL	95	REDDISH-YELLOW SILTY-CLAY, DRY NO ODOR, SOFT.		0.0	0.1	
			CL	95	REDDISH-YELLOW SILTY-CLAY, DRY, SOME ODOR, SOFT.		0.0	3.9	⊗
	15				BORING TERMINATED AT 18 FT.				
	20								
	25								

Completion Depth: 18 FT
Date Boring Started: 8-3-07
Date Boring Completed: 8-3-07
Engineer/Geologist: JOHN MEYER
Drilling Contractor: SAL DARCO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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LOG OF BORING: SB-10

Project: BAST CORPORATION
Job No: 05P-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54 DT/DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				CONCRETE W/ GRAVEL				
			CL	98	RED SILTY-CLAY, DRY, STIFF, NO ODOR,		0.0	0.1	
			CL	95	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.5	
	5		CL	95	RED SILTY-CLAY, DRY, NO ODOR STIFF.		0.0	0.4	
			CL	98	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.6	
	10		CL	95	REDDISH YELLOW SILTY CLAY, DRY NO ODOR, STIFF.		0.0	0.1	
			CL	95	REDDISH YELLOW SILTY-CLAY, DRY, NO ODOR, STIFF.		0.0	1.2	
			CL	95	REDDISH YELLOW TO DARK RED SILTY-CLAY, SOME ODOR, DRY STIFF.		0.0	6.9	⊗
	15				BORING TERMINATED AT 15 FT.				
	20								
	25								

Completion Depth: 15 FT
Date Boring Started: 8.3.07
Date Boring Completed: 8.3.07
Engineer/Geologist: JOHN MEYER
Drilling Contractor: SAEDACCO

Remarks:

Revision	DrawnBy	Date	Checked	Approved

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
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LOG OF BORING: SB-11

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: GEOPROBE 54 DT/DPT
Sampling Method: DPT SAMPLER

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				ASPHALT W/GRAVEL				
			CL	98	RED SILTY-CLAY, DRY, STIFF, NO ODOR.		0.0	0.5	
			CL	95	RED SILTY-CLAY, DRY, NO ODOR, STIFF.		0.0	1.5	
	5		CL	95	RED SILTY CLAY, DRY, NO ODOR, STIFF,		0.0	1.0	
			CL	98	RED SILTY-CLAY, NO ODOR, DRY, STIFF.		0.0	1.5	
	10		CL	98	RED TO REDDISH-YELLOW SILTY CLAY, DRY, STIFF, NO ODOR.		0.0	2.1	
			CL	95	REDDISH-YELLOW SILTY-CLAY DRY STIFF, NO ODOR.		0.0	1.2	
			CL	98	REDDISH-YELLOW SILTY-CLAY, DRY STIFF, NO ODOR.		0.0	5.2	X
	15				BORING TERMINATED AT 15 FT.				
	20								
	25								

Completion Depth: 15 FT
Date Boring Started: 8/3/07
Date Boring Completed: 8/3/07
Engineer/Geologist: [illegible] MOYER
Drilling Contractor: [illegible]

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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A Professional Corporation
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Sheet of

LOG OF BORING: BSA-1

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: HAND AUGER
Sampling Method: GRAB

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				CONCRETE				
					TAN RED BROWN CLAYEY SILT, NO ODOR, MOIST, FIRM		0	0	
					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
2-3					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
					BORING TERMINATED AT 3 FT				
	5								
	10								
	15								
	20								
	25								

Completion Depth: 3 FT
Date Boring Started: 9-7-07
Date Boring Completed: 9-7-07
Engineer/Geologist: CHRIS NAGY
Drilling Contractor: NA

Remarks:

Revision	DrawnBy	Date	Checked	Approved

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LOG OF BORING: BSA-2

Sheet of

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: HAND AUGER
Sampling Method: GRAB

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
0-1	0				CONCRETE				
					TAN RED BROWN CLAYEY SILT TO BROWN SANDY SILT MOIST, FIRM, NO ODOR		0	0.5	
					TAN RED BROWN CLAYEY SILT W/ CONCRETE DEBRIS MOIST, FIRM, NO ODOR		0	0	
					TAN RED BROWN CLAYEY SILT, MOIST, FIRM NO ODOR		0	0	
					BORING TERMINATED AT 3FT				
	5								
	10								
	15								
	20								
	25								

Completion Depth: 3FT
Date Boring Started: 9-7-07
Date Boring Completed: 9-7-07
Engineer/Geologist: CHRIS NAGY
Drilling Contractor: N/A

Remarks:

Revision	DrawnBy	Date	Checked	Approved

Sheet of

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LOG OF BORING: BSA-3

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: HAND AUGER
Sampling Method: GRAB

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				CONCRETE				
					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
2.3					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
					BORING TERMINATED AT 3 FT				
	5								
	10								
	15								
	20								
	25								

Completion Depth: 3 FT
Date Boring Started: 9-7-07
Date Boring Completed: 9-7-07
Engineer/Geologist: CHRIS NAGY
Drilling Contractor: N/A

Remarks:

Revision	DrawnBy	Date	Checked	Approved

Hart & Hickman
A Professional Corporation
2923 South Tryon Street, Suite 100
Charlotte, North Carolina
(704)586-0007 (704)586-0373-fax

LOG OF BORING: BSA-4

Sheet of

Project: BASF CORPORATION
Job No: USP-001
Location: CHARLOTTE, NORTH CAROLINA

Surface Elev:
Top of Casing Elev:
Drilling Rig/Method: HAND AUGER
Sampling Method: GRAB

Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	MATERIAL DESCRIPTION (The stratification lines represent approximate boundaries. The transition may be gradual.)	SPT, Blow Counts	OVA (ppm) BKG.	OVA (ppm) SAMP.	WELL DIAGRAM
	0				CONCRETE				
					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
23					TAN RED BROWN CLAYEY SILT, MOIST, FIRM, NO ODOR		0	0	
					BORING TERMINATED AT 3FT				
	5								
	10								
	15								
	20								
	25								

Completion Depth: 3FT
Date Boring Started: 9-7-07
Date Boring Completed: 9-7-07
Engineer/Geologist: CHRIS NAGY
Drilling Contractor: NA

Remarks:

Revision	DrawnBy	Date	Checked	Approved

Appendix B

Laboratory Analytical Results

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, August 16, 2007

Hart & Hickman, LLC (HA001)

Attn: James Wellons

2923 South Tryon Street, Suite 100

Charlotte, NC 28203

RE: Laboratory Results for
Project Number: USP-001, Project Name/Desc: BASF
ENCO Workorder: C710914

Dear James Wellons,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Saturday, August 4, 2007.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 64.

CASE NARRATIVE

Date:	16 August 2007
Client:	Hart and Hickman
Project #:	BASF
Lab ID:	C710914

Overview

This report is an amendment to the original report dated 10 August 2007 for this work order. This report was amended to include the below MRL results (J-flagged results) for the GRO analysis, per the client's request.

All samples submitted were analyzed by Environmental Conservation Laboratories, Inc. in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by Environmental Conservation Laboratories, Inc. will be discussed in the QC Remarks section below.

Quality Control Samples

none

Quality Control Remarks

none

Other Comments

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	SB-4 (1-3)	Lab ID:	C710914-01	Sampled:	08/03/07 13:00	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007 15:20
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007 09:22
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007 13:09
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/8/2007 22:47

Client ID:	SB-4 (1-3)	Lab ID:	C710914-01RE1	Sampled:	08/03/07 13:00	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/9/2007 08:25

Client ID:	SB-5 (1-3)	Lab ID:	C710914-02	Sampled:	08/03/07 13:15	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007 15:43
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007 09:42
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007 13:36
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/8/2007 23:16

Client ID:	SB-5 (1-3)	Lab ID:	C710914-02RE1	Sampled:	08/03/07 13:15	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/9/2007 08:31

Client ID:	SB-6 (8-10)	Lab ID:	C710914-03	Sampled:	08/03/07 13:30	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007 16:06
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007 09:46
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007 14:04
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/8/2007 23:45

Client ID:	SB-6 (8-10)	Lab ID:	C710914-03RE1	Sampled:	08/03/07 13:30	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/9/2007 08:36

Client ID:	SB-7 (8-10)	Lab ID:	C710914-04	Sampled:	08/03/07 13:40	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007 16:25
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007 09:56
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007 14:32
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/9/2007 00:13

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Client ID:	SB-7 (8-10)	Lab ID:	C710914-04RE1	Sampled:	08/03/07 13:40	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/9/2007 08:41

Client ID:	SB-8 (8-10)	Lab ID:	C710914-05	Sampled:	08/03/07 13:50	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007 16:32
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007 09:59
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007 14:59
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/9/2007 00:42

Client ID:	SB-8 (8-10)	Lab ID:	C710914-05RE1	Sampled:	08/03/07 13:50	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/9/2007 08:47

Client ID:	SB-9 (13-15)	Lab ID:	C710914-06	Sampled:	08/03/07 14:00	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007 16:39
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007 10:03
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007 15:27
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/9/2007 01:10

Client ID:	SB-9 (13-15)	Lab ID:	C710914-06RE1	Sampled:	08/03/07 14:00	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/9/2007 08:52

Client ID:	SB-10 (13-15)	Lab ID:	C710914-07	Sampled:	08/03/07 14:20	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007 16:46
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007 10:06
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007 15:56
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/9/2007 01:39

Client ID:	SB-10 (13-15)	Lab ID:	C710914-07RE1	Sampled:	08/03/07 14:20	Received:	08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010B	01/30/08		08/06/07	10:08	8/9/2007 08:57

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Client ID: SB-11 (13-15)	Lab ID: C710914-08	Sampled: 08/03/07 15:00	Received: 08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	01/30/08		08/06/07	10:08	8/8/2007	16:53
EPA 7471A	08/31/07		08/07/07	14:44	8/8/2007	10:09
EPA 8260B	08/17/07		08/08/07	09:43	8/8/2007	16:24
EPA 8270C	08/17/07	09/17/07	08/08/07	08:56	8/9/2007	02:07

Client ID: SB-11 (13-15)	Lab ID: C710914-08RE1	Sampled: 08/03/07 15:00	Received: 08/04/07 10:45

Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010B	01/30/08	08/06/07	10:08	8/9/2007	09:03

Client ID: SB-1 (3-5)	Lab ID: C710914-09	Sampled: 08/03/07 09:00	Received: 08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
CA-LUFT (DRO)	08/17/07	09/12/07	08/07/07	08:52	8/8/2007	16:05
CA-LUFT (GRO)	08/17/07		08/09/07	10:35	8/9/2007	13:03

Client ID: SB-2 (10-12)	Lab ID: C710914-10	Sampled: 08/03/07 09:30	Received: 08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
CA-LUFT (DRO)	08/17/07	09/12/07	08/07/07	08:52	8/8/2007	16:34
CA-LUFT (GRO)	08/17/07		08/09/07	10:35	8/9/2007	13:34

Client ID: SB-3 (10-12)	Lab ID: C710914-11	Sampled: 08/03/07 10:00	Received: 08/04/07 10:45

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
CA-LUFT (DRO)	08/17/07	09/12/07	08/07/07	08:52	8/8/2007	17:31
CA-LUFT (GRO)	08/17/07		08/09/07	10:35	8/9/2007	14:05

SAMPLE DETECTION SUMMARY

Client ID: SB-4 (1-3) **Lab ID:** C710914-01

Analyte	Results	Flag	MRL	Units	Method	Notes
Chromium	3.88		0.73	mg/kg dry	EPA 6010B	
Lead	3.85		0.73	mg/kg dry	EPA 6010B	
Manganese	109		0.726	mg/kg dry	EPA 6010B	
Mercury	0.016		0.015	mg/kg dry	EPA 7471A	
Tetrachloroethene	0.0020		0.0015	mg/kg dry	EPA 8260B	

Client ID: SB-4 (1-3) **Lab ID:** C710914-01RE1

Analyte	Results	Flag	MRL	Units	Method	Notes
Zinc	15.4		0.726	mg/kg dry	EPA 6010B	

Client ID: SB-5 (1-3) **Lab ID:** C710914-02

Analyte	Results	Flag	MRL	Units	Method	Notes
Chromium	3.46		0.61	mg/kg dry	EPA 6010B	
Lead	4.06		0.61	mg/kg dry	EPA 6010B	
Manganese	92.3		0.614	mg/kg dry	EPA 6010B	
Toluene	0.0032		0.0013	mg/kg dry	EPA 8260B	

Client ID: SB-5 (1-3) **Lab ID:** C710914-02RE1

Analyte	Results	Flag	MRL	Units	Method	Notes
Zinc	7.76		0.614	mg/kg dry	EPA 6010B	

Client ID: SB-6 (8-10) **Lab ID:** C710914-03

Analyte	Results	Flag	MRL	Units	Method	Notes
Chromium	2.09		0.66	mg/kg dry	EPA 6010B	
cis-1,2-Dichloroethene	0.0061		0.0012	mg/kg dry	EPA 8260B	
Lead	7.23		0.66	mg/kg dry	EPA 6010B	
Manganese	85.9		0.655	mg/kg dry	EPA 6010B	
Toluene	0.0038		0.0012	mg/kg dry	EPA 8260B	

Client ID: SB-6 (8-10) **Lab ID:** C710914-03RE1

Analyte	Results	Flag	MRL	Units	Method	Notes
Zinc	9.23		0.655	mg/kg dry	EPA 6010B	

Client ID: SB-7 (8-10) **Lab ID:** C710914-04

Analyte	Results	Flag	MRL	Units	Method	Notes
Chromium	2.73		0.63	mg/kg dry	EPA 6010B	
Lead	5.01		0.63	mg/kg dry	EPA 6010B	
Manganese	137		0.631	mg/kg dry	EPA 6010B	

Client ID: SB-7 (8-10) **Lab ID:** C710914-04RE1

Analyte	Results	Flag	MRL	Units	Method	Notes
Zinc	20.9		0.631	mg/kg dry	EPA 6010B	

Client ID: SB-8 (8-10) **Lab ID:** C710914-05

Analyte	Results	Flag	MRL	Units	Method	Notes
Chromium	28.6		0.63	mg/kg dry	EPA 6010B	
Lead	3.36		0.63	mg/kg dry	EPA 6010B	
Manganese	934		0.627	mg/kg dry	EPA 6010B	

Client ID: SB-8 (8-10)			Lab ID: C710914-05			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Nickel	4.15		0.63	mg/kg dry	EPA 6010B	
Toluene	0.0039		0.0013	mg/kg dry	EPA 8260B	

Client ID: SB-8 (8-10)			Lab ID: C710914-05RE1			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Zinc	11.3		0.627	mg/kg dry	EPA 6010B	

Client ID: SB-9 (13-15)			Lab ID: C710914-06			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Lead	3.12		0.62	mg/kg dry	EPA 6010B	
Manganese	112		0.618	mg/kg dry	EPA 6010B	
Nickel	0.84		0.62	mg/kg dry	EPA 6010B	
Toluene	0.0025		0.0012	mg/kg dry	EPA 8260B	

Client ID: SB-9 (13-15)			Lab ID: C710914-06RE1			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Zinc	15.3		0.618	mg/kg dry	EPA 6010B	

Client ID: SB-10 (13-15)			Lab ID: C710914-07			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Lead	3.59		0.65	mg/kg dry	EPA 6010B	
Manganese	80.6		0.651	mg/kg dry	EPA 6010B	
Mercury	0.046		0.013	mg/kg dry	EPA 7471A	
Toluene	0.0038		0.0013	mg/kg dry	EPA 8260B	

Client ID: SB-10 (13-15)			Lab ID: C710914-07RE1			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Zinc	8.34		0.651	mg/kg dry	EPA 6010B	

Client ID: SB-11 (13-15)			Lab ID: C710914-08			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Lead	3.00		0.63	mg/kg dry	EPA 6010B	
Manganese	81.9		0.626	mg/kg dry	EPA 6010B	
Tetrachloroethene	0.0055		0.0013	mg/kg dry	EPA 8260B	

Client ID: SB-11 (13-15)			Lab ID: C710914-08RE1			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Zinc	8.99		0.626	mg/kg dry	EPA 6010B	

Client ID: SB-1 (3-5)			Lab ID: C710914-09			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
DRO (C10-C24)	7.0		3.9	mg/kg dry	CA-LUFT (DRO)	
GRO (C6-C10)	3.2	JD	6.5	mg/kg dry	CA-LUFT (GRO)	

Client ID: SB-2 (10-12)			Lab ID: C710914-10			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
DRO (C10-C24)	5.7		4.0	mg/kg dry	CA-LUFT (DRO)	
GRO (C6-C10)	1.9	JD	6.7	mg/kg dry	CA-LUFT (GRO)	

Client ID: SB-3 (10-12)			Lab ID: C710914-11			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
DRO (C10-C24)	6.5		5.6	mg/kg dry	CA-LUFT (DRO)	
GRO (C6-C10)	5.4	JD	11	mg/kg dry	CA-LUFT (GRO)	

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ANALYTICAL RESULTS

Description: SB-4 (1-3)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-01
Sampled: 08/03/07 13:00
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 68.9

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0015	U	mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0015	U	mg/kg dry	1	0.00087	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,1-Dichloroethane [75-34-3] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,1-Dichloroethene [75-35-4] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,1-Dichloropropene [563-58-6] *	0.0015	U	mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0015	U	mg/kg dry	1	0.00073	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2-Dibromoethane [106-93-4] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2-Dichloroethane [107-06-2] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,2-Dichloropropane [78-87-5] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0015	U	mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0015	U	mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,3-Dichloropropane [142-28-9] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
2,2-Dichloropropane [594-20-7] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
2-Butanone [78-93-3] *	0.0073	U	mg/kg dry	1	0.0022	0.0073	7H08009	EPA 8260B	08/08/07 13:09	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0073	U	mg/kg dry	1	0.0039	0.0073	7H08009	EPA 8260B	08/08/07 13:09	jkg	
2-Chlorotoluene [95-49-8] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
2-Hexanone [591-78-6] *	0.0073	U	mg/kg dry	1	0.0033	0.0073	7H08009	EPA 8260B	08/08/07 13:09	jkg	
4-Chlorotoluene [106-43-4] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
4-Isopropyltoluene [99-87-6] *	0.0015	U	mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0073	U	mg/kg dry	1	0.0035	0.0073	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Acetone [67-64-1] *	0.0073	U	mg/kg dry	1	0.0042	0.0073	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Benzene [71-43-2] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Bromobenzene [108-86-1] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Bromochloromethane [74-97-5] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Bromodichloromethane [75-27-4] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Bromoform [75-25-2] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Bromomethane [74-83-9] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Carbon disulfide [75-15-0] *	0.0073	U	mg/kg dry	1	0.0029	0.0073	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Carbon Tetrachloride [56-23-5] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Chlorobenzene [108-90-7] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Chloroethane [75-00-3] *	0.0015	U	mg/kg dry	1	0.00073	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Chloroform [67-66-3] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Chloromethane [74-87-3] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Dibromochloromethane [124-48-1] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Dibromomethane [74-95-3] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0015	U	mg/kg dry	1	0.00087	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Ethylbenzene [100-41-4] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Hexachlorobutadiene [87-68-3] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	

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Description:	SB-4 (1-3)	**Lab Sample ID:**	C710914-01	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	68.9

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0029	U	mg/kg dry	1	0.0026	0.0029	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Methylene Chloride [75-09-2] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Methyl-tert-Butyl Ether [1634-04-4] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Naphthalene [91-20-3] *	0.0015	U	mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
n-Butyl Benzene [104-51-8] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
n-Propyl Benzene [103-65-1] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
o-Xylene [95-47-6] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
sec-Butylbenzene [135-98-8] *	0.0015	U	mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Styrene [100-42-5] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
tert-Butylbenzene [98-06-6] *	0.0015	U	mg/kg dry	1	0.00087	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Tetrachloroethene [127-18-4] *	**0.0020**		mg/kg dry	1	0.0010	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Toluene [108-88-3] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Trichloroethene [79-01-6] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Trichlorofluoromethane [75-69-4] *	0.0015	U	mg/kg dry	1	0.0012	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	
Vinyl chloride [75-01-4] *	0.0015	U	mg/kg dry	1	0.0013	0.0015	7H08009	EPA 8260B	08/08/07 13:09	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.064*	*1*	*0.0726*	*88 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 13:09*	*jkg*	
Dibromofluoromethane	*0.065*	*1*	*0.0726*	*90 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 13:09*	*jkg*	
Toluene-d8	*0.073*	*1*	*0.0726*	*101 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 13:09*	*jkg*	

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Description: SB-4 (1-3)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-01
Sampled: 08/03/07 13:00
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 68.9

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.48	U	mg/kg dry	1	0.29	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.48	U	mg/kg dry	1	0.29	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
1-Methylnaphthalene [90-12-0] *	0.48	U	mg/kg dry	1	0.29	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2,4-Dichlorophenol [120-83-2] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2,4-Dimethylphenol [105-67-9] *	0.48	U	mg/kg dry	1	0.24	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2,4-Dinitrophenol [51-28-5] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2-Chloronaphthalene [91-58-7] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2-Chlorophenol [95-57-8] *	0.48	U	mg/kg dry	1	0.24	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2-Methylnaphthalene [91-57-6] *	0.48	U	mg/kg dry	1	0.29	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2-Methylphenol [95-48-7] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2-Nitroaniline [88-74-4] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
2-Nitrophenol [88-75-5] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
3 & 4-Methylphenol	0.96	U	mg/kg dry	1	0.19	0.96	7H08006	EPA 8270C	08/08/07 22:47	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
3-Nitroaniline [99-09-2] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
4-Chloroaniline [106-47-8] *	0.48	U	mg/kg dry	1	0.24	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
4-Nitroaniline [100-01-6] *	0.48	U	mg/kg dry	1	0.34	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Acenaphthene [83-32-9] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Acenaphthylene [208-96-8] *	0.48	U	mg/kg dry	1	0.24	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Anthracene [120-12-7] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzidine [92-87-5] *	0.48	U	mg/kg dry	1	0.24	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzo(a)anthracene [56-55-3] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzo(a)pyrene [50-32-8] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzoic acid [65-85-0] *	0.48	U	mg/kg dry	1	0.024	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Benzyl alcohol [100-51-6] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.48	U	mg/kg dry	1	0.29	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Butylbenzylphthalate [85-68-7] *	0.48	U	mg/kg dry	1	0.048	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Chrysene [218-01-9] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Dibenzofuran [132-64-9] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Diethylphthalate [84-66-2] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Dimethylphthalate [131-11-3] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Di-n-butylphthalate [84-74-2] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Di-n-octylphthalate [117-84-0] *	0.48	U	mg/kg dry	1	0.24	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Fluoranthene [206-44-0] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	

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Description:	SB-4 (1-3)	**Lab Sample ID:**	C710914-01	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	68.9

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Hexachlorobenzene [118-74-1] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Hexachlorobutadiene [87-68-3] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Hexachloroethane [67-72-1] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Isophorone [78-59-1] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Naphthalene [91-20-3] *	0.48	U	mg/kg dry	1	0.38	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Nitrobenzene [98-95-3] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Pentachlorobenzene [608-93-5] *	0.48	U	mg/kg dry	1	0.14	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Phenanthrene [85-01-8] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Phenol [108-95-2] *	0.48	U	mg/kg dry	1	0.19	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Pyrene [129-00-0] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	
Pyridine [110-86-1] *	0.48	U	mg/kg dry	1	0.096	0.48	7H08006	EPA 8270C	08/08/07 22:47	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.7*	*1*	*4.82*	*77 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/08/07 22:47*	*DFM*	
2-Fluorobiphenyl	*2.2*	*1*	*2.41*	*90 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/08/07 22:47*	*DFM*	
2-Fluorophenol	*4.6*	*1*	*4.82*	*95 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/08/07 22:47*	*DFM*	
Nitrobenzene-d5	*2.2*	*1*	*2.41*	*93 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/08/07 22:47*	*DFM*	
Phenol-d5	*4.7*	*1*	*4.82*	*97 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/08/07 22:47*	*DFM*	
Terphenyl-d14	*2.3*	*1*	*2.41*	*94 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/08/07 22:47*	*DFM*	

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Description:	SB-4 (1-3)	**Lab Sample ID:**	C710914-01	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	68.9

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.73	U	mg/kg dry	1	0.15	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Arsenic [7440-38-2] *	0.73	U	mg/kg dry	1	0.15	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Beryllium [7440-41-7] *	0.073	U	mg/kg dry	1	0.051	0.073	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Cadmium [7440-43-9] *	0.073	U	mg/kg dry	1	0.036	0.073	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Chromium [7440-47-3] *	**3.88**		mg/kg dry	1	0.15	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Copper [7440-50-8] *	0.726	U	mg/kg dry	1	0.044	0.726	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Lead [7439-92-1] *	**3.85**		mg/kg dry	1	0.15	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Manganese [7439-96-5] *	**109**		mg/kg dry	1	0.073	0.726	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Nickel [7440-02-0] *	0.73	U	mg/kg dry	1	0.15	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Selenium [7782-49-2] *	0.73	U	mg/kg dry	1	0.15	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Silver [7440-22-4] *	0.73	U	mg/kg dry	1	0.15	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Thallium [7440-28-0] *	0.73	U	mg/kg dry	1	0.29	0.73	7H06012	EPA 6010B	08/08/07 15:20	JDH	
Zinc [7440-66-6] *	**15.4**		mg/kg dry	1	0.073	0.726	7H06012	EPA 6010B	08/09/07 08:25	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	**0.016**		mg/kg dry	1	0.005	0.015	7H07011	EPA 7471A	08/08/07 09:22	JMA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SB-5 (1-3)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-02
Sampled: 08/03/07 13:15
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 81.5

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0013	U	mg/kg dry	1.03	0.00076	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,1-Dichloroethane [75-34-3] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,1-Dichloroethene [75-35-4] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,1-Dichloropropene [563-58-6] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0013	U	mg/kg dry	1.03	0.00063	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2-Dibromoethane [106-93-4] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2-Dichloroethane [107-06-2] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,2-Dichloropropane [78-87-5] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,3-Dichloropropane [142-28-9] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
2,2-Dichloropropane [594-20-7] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
2-Butanone [78-93-3] *	0.0063	U	mg/kg dry	1.03	0.0019	0.0063	7H08009	EPA 8260B	08/08/07 13:36	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0063	U	mg/kg dry	1.03	0.0034	0.0063	7H08009	EPA 8260B	08/08/07 13:36	jkg	
2-Chlorotoluene [95-49-8] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
2-Hexanone [591-78-6] *	0.0063	U	mg/kg dry	1.03	0.0029	0.0063	7H08009	EPA 8260B	08/08/07 13:36	jkg	
4-Chlorotoluene [106-43-4] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
4-Isopropyltoluene [99-87-6] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0063	U	mg/kg dry	1.03	0.0030	0.0063	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Acetone [67-64-1] *	0.0063	U	mg/kg dry	1.03	0.0037	0.0063	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Benzene [71-43-2] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Bromobenzene [108-86-1] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Bromochloromethane [74-97-5] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Bromodichloromethane [75-27-4] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Bromoform [75-25-2] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Bromomethane [74-83-9] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Carbon disulfide [75-15-0] *	0.0063	U	mg/kg dry	1.03	0.0025	0.0063	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Carbon Tetrachloride [56-23-5] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Chlorobenzene [108-90-7] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Chloroethane [75-00-3] *	0.0013	U	mg/kg dry	1.03	0.00063	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Chloroform [67-66-3] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Chloromethane [74-87-3] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Dibromochloromethane [124-48-1] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Dibromomethane [74-95-3] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0013	U	mg/kg dry	1.03	0.00076	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Ethylbenzene [100-41-4] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Hexachlorobutadiene [87-68-3] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Isopropylbenzene [98-82-8] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0025	U	mg/kg dry	1.03	0.0023	0.0025	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Methylene Chloride [75-09-2] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	

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Description:	SB-5 (1-3)	**Lab Sample ID:**	C710914-02	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:15	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	81.5

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Naphthalene [91-20-3] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
n-Butyl Benzene [104-51-8] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
n-Propyl Benzene [103-65-1] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
o-Xylene [95-47-6] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
sec-Butylbenzene [135-98-8] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Styrene [100-42-5] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
tert-Butylbenzene [98-06-6] *	0.0013	U	mg/kg dry	1.03	0.00076	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Tetrachloroethene [127-18-4] *	0.0013	U	mg/kg dry	1.03	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Toluene [108-88-3] *	**0.0032**		mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Trichloroethene [79-01-6] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Trichlorofluoromethane [75-69-4] *	0.0013	U	mg/kg dry	1.03	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	
Vinyl chloride [75-01-4] *	0.0013	U	mg/kg dry	1.03	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 13:36	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.053*	*1*	*0.0614*	*86 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 13:36*	*jkg*	
Dibromofluoromethane	*0.053*	*1*	*0.0614*	*86 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 13:36*	*jkg*	
Toluene-d8	*0.061*	*1*	*0.0614*	*99 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 13:36*	*jkg*	

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Description: SB-5 (1-3)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-02
Sampled: 08/03/07 13:15
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 81.5

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
1-Methylnaphthalene [90-12-0] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2,4-Dichlorophenol [120-83-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2,4-Dimethylphenol [105-67-9] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2,4-Dinitrophenol [51-28-5] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2-Chloronaphthalene [91-58-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2-Chlorophenol [95-57-8] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2-Methylnaphthalene [91-57-6] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2-Methylphenol [95-48-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2-Nitroaniline [88-74-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
2-Nitrophenol [88-75-5] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
3 & 4-Methylphenol	0.81	U	mg/kg dry	1	0.16	0.81	7H08006	EPA 8270C	08/08/07 23:16	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
3-Nitroaniline [99-09-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
4-Chloroaniline [106-47-8] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
4-Nitroaniline [100-01-6] *	0.41	U	mg/kg dry	1	0.28	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Acenaphthene [83-32-9] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Acenaphthylene [208-96-8] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Anthracene [120-12-7] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzidine [92-87-5] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzo(a)anthracene [56-55-3] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzo(a)pyrene [50-32-8] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzoic acid [65-85-0] *	0.41	U	mg/kg dry	1	0.020	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Benzyl alcohol [100-51-6] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Butylbenzylphthalate [85-68-7] *	0.41	U	mg/kg dry	1	0.041	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Chrysene [218-01-9] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Dibenzofuran [132-64-9] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Diethylphthalate [84-66-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Dimethylphthalate [131-11-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Di-n-butylphthalate [84-74-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Di-n-octylphthalate [117-84-0] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Fluoranthene [206-44-0] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	

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Description:	SB-5 (1-3)	**Lab Sample ID:**	C710914-02	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:15	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	81.5

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Hexachlorobenzene [118-74-1] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Hexachlorobutadiene [87-68-3] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Hexachloroethane [67-72-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Isophorone [78-59-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Naphthalene [91-20-3] *	0.41	U	mg/kg dry	1	0.32	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Nitrobenzene [98-95-3] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Pentachlorobenzene [608-93-5] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Phenanthrene [85-01-8] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Phenol [108-95-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Pyrene [129-00-0] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	
Pyridine [110-86-1] *	0.41	U	mg/kg dry	1	0.081	0.41	7H08006	EPA 8270C	08/08/07 23:16	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.2*	*1*	*4.09*	*78 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/08/07 23:16*	*DFM*	
2-Fluorobiphenyl	*1.9*	*1*	*2.05*	*91 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/08/07 23:16*	*DFM*	
2-Fluorophenol	*3.9*	*1*	*4.09*	*96 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/08/07 23:16*	*DFM*	*S-AC*
Nitrobenzene-d5	*1.9*	*1*	*2.05*	*94 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/08/07 23:16*	*DFM*	
Phenol-d5	*4.1*	*1*	*4.09*	*100 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/08/07 23:16*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*2.05*	*98 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/08/07 23:16*	*DFM*	

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Description:	SB-5 (1-3)	**Lab Sample ID:**	C710914-02	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:15	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	81.5

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.61	U	mg/kg dry	1	0.12	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Arsenic [7440-38-2] *	0.61	U	mg/kg dry	1	0.12	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Beryllium [7440-41-7] *	0.061	U	mg/kg dry	1	0.043	0.061	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Cadmium [7440-43-9] *	0.061	U	mg/kg dry	1	0.031	0.061	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Chromium [7440-47-3] *	**3.46**		mg/kg dry	1	0.12	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Copper [7440-50-8] *	0.614	U	mg/kg dry	1	0.037	0.614	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Lead [7439-92-1] *	**4.06**		mg/kg dry	1	0.12	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Manganese [7439-96-5] *	**92.3**		mg/kg dry	1	0.061	0.614	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Nickel [7440-02-0] *	0.61	U	mg/kg dry	1	0.12	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Selenium [7782-49-2] *	0.61	U	mg/kg dry	1	0.12	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Silver [7440-22-4] *	0.61	U	mg/kg dry	1	0.12	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Thallium [7440-28-0] *	0.61	U	mg/kg dry	1	0.25	0.61	7H06012	EPA 6010B	08/08/07 15:43	JDH	
Zinc [7440-66-6] *	**7.76**		mg/kg dry	1	0.061	0.614	7H06012	EPA 6010B	08/09/07 08:31	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	0.012	U	mg/kg dry	1	0.004	0.012	7H07011	EPA 7471A	08/08/07 09:42	JMA	

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Description: SB-6 (8-10)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-03
Sampled: 08/03/07 13:30
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 76.3

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0012	U	mg/kg dry	0.95	0.00075	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,1-Dichloroethane [75-34-3] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,1-Dichloroethene [75-35-4] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,1-Dichloropropene [563-58-6] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0012	U	mg/kg dry	0.95	0.00062	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2-Dibromoethane [106-93-4] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2-Dichloroethane [107-06-2] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,2-Dichloropropane [78-87-5] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,3-Dichloropropane [142-28-9] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
2,2-Dichloropropane [594-20-7] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
2-Butanone [78-93-3] *	0.0062	U	mg/kg dry	0.95	0.0019	0.0062	7H08009	EPA 8260B	08/08/07 14:04	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0062	U	mg/kg dry	0.95	0.0034	0.0062	7H08009	EPA 8260B	08/08/07 14:04	jkg	
2-Chlorotoluene [95-49-8] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
2-Hexanone [591-78-6] *	0.0062	U	mg/kg dry	0.95	0.0029	0.0062	7H08009	EPA 8260B	08/08/07 14:04	jkg	
4-Chlorotoluene [106-43-4] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
4-Isopropyltoluene [99-87-6] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0062	U	mg/kg dry	0.95	0.0030	0.0062	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Acetone [67-64-1] *	0.0062	U	mg/kg dry	0.95	0.0036	0.0062	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Benzene [71-43-2] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Bromobenzene [108-86-1] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Bromochloromethane [74-97-5] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Bromodichloromethane [75-27-4] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Bromoform [75-25-2] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Bromomethane [74-83-9] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Carbon disulfide [75-15-0] *	0.0062	U	mg/kg dry	0.95	0.0025	0.0062	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Carbon Tetrachloride [56-23-5] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Chlorobenzene [108-90-7] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Chloroethane [75-00-3] *	0.0012	U	mg/kg dry	0.95	0.00062	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Chloroform [67-66-3] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Chloromethane [74-87-3] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
cis-1,2-Dichloroethene [156-59-2] *	**0.0061**		mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Dibromochloromethane [124-48-1] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Dibromomethane [74-95-3] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0012	U	mg/kg dry	0.95	0.00075	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Ethylbenzene [100-41-4] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Hexachlorobutadiene [87-68-3] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Isopropylbenzene [98-82-8] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0025	U	mg/kg dry	0.95	0.0022	0.0025	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Methylene Chloride [75-09-2] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	

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Description:	SB-6 (8-10)	**Lab Sample ID:**	C710914-03	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:30	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	76.3

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Naphthalene [91-20-3] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
n-Butyl Benzene [104-51-8] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
n-Propyl Benzene [103-65-1] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
o-Xylene [95-47-6] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
sec-Butylbenzene [135-98-8] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Styrene [100-42-5] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
tert-Butylbenzene [98-06-6] *	0.0012	U	mg/kg dry	0.95	0.00075	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Tetrachloroethene [127-18-4] *	0.0012	U	mg/kg dry	0.95	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Toluene [108-88-3] *	**0.0038**		mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Trichloroethene [79-01-6] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Trichlorofluoromethane [75-69-4] *	0.0012	U	mg/kg dry	0.95	0.0010	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	
Vinyl chloride [75-01-4] *	0.0012	U	mg/kg dry	0.95	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 14:04	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.054*	*1*	*0.0655*	*83 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 14:04*	*jkg*	
Dibromofluoromethane	*0.059*	*1*	*0.0655*	*89 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 14:04*	*jkg*	
Toluene-d8	*0.066*	*1*	*0.0655*	*100 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 14:04*	*jkg*	

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Description:	SB-6 (8-10)	**Lab Sample ID:**	C710914-03	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:30	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	76.3

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
1-Methylnaphthalene [90-12-0] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2,4-Dichlorophenol [120-83-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2,4-Dimethylphenol [105-67-9] *	0.43	U	mg/kg dry	1	0.22	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2,4-Dinitrophenol [51-28-5] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2-Chloronaphthalene [91-58-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2-Chlorophenol [95-57-8] *	0.43	U	mg/kg dry	1	0.22	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2-Methylnaphthalene [91-57-6] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2-Methylphenol [95-48-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2-Nitroaniline [88-74-4] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
2-Nitrophenol [88-75-5] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
3 & 4-Methylphenol	0.87	U	mg/kg dry	1	0.17	0.87	7H08006	EPA 8270C	08/08/07 23:45	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
3-Nitroaniline [99-09-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
4-Chloroaniline [106-47-8] *	0.43	U	mg/kg dry	1	0.22	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
4-Nitroaniline [100-01-6] *	0.43	U	mg/kg dry	1	0.30	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Acenaphthene [83-32-9] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Acenaphthylene [208-96-8] *	0.43	U	mg/kg dry	1	0.22	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Anthracene [120-12-7] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzidine [92-87-5] *	0.43	U	mg/kg dry	1	0.22	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzo(a)anthracene [56-55-3] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzo(a)pyrene [50-32-8] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzoic acid [65-85-0] *	0.43	U	mg/kg dry	1	0.022	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Benzyl alcohol [100-51-6] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Butylbenzylphthalate [85-68-7] *	0.43	U	mg/kg dry	1	0.043	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Chrysene [218-01-9] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Dibenzofuran [132-64-9] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Diethylphthalate [84-66-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Dimethylphthalate [131-11-3] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Di-n-butylphthalate [84-74-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Di-n-octylphthalate [117-84-0] *	0.43	U	mg/kg dry	1	0.22	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Fluoranthene [206-44-0] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	

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Description:	SB-6 (8-10)	**Lab Sample ID:**	C710914-03	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:30	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	76.3

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Hexachlorobenzene [118-74-1] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Hexachlorobutadiene [87-68-3] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Hexachloroethane [67-72-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Isophorone [78-59-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Naphthalene [91-20-3] *	0.43	U	mg/kg dry	1	0.35	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Nitrobenzene [98-95-3] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Pentachlorobenzene [608-93-5] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Phenanthrene [85-01-8] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Phenol [108-95-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Pyrene [129-00-0] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	
Pyridine [110-86-1] *	0.43	U	mg/kg dry	1	0.087	0.43	7H08006	EPA 8270C	08/08/07 23:45	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.6*	*1*	*4.37*	*83 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/08/07 23:45*	*DFM*	
2-Fluorobiphenyl	*2.0*	*1*	*2.18*	*91 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/08/07 23:45*	*DFM*	
2-Fluorophenol	*4.2*	*1*	*4.37*	*95 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/08/07 23:45*	*DFM*	
Nitrobenzene-d5	*2.0*	*1*	*2.18*	*92 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/08/07 23:45*	*DFM*	
Phenol-d5	*4.3*	*1*	*4.37*	*98 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/08/07 23:45*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*2.18*	*93 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/08/07 23:45*	*DFM*	

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Description:	SB-6 (8-10)	**Lab Sample ID:**	C710914-03	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:30	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	76.3

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.66	U	mg/kg dry	1	0.13	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Arsenic [7440-38-2] *	0.66	U	mg/kg dry	1	0.13	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Beryllium [7440-41-7] *	0.066	U	mg/kg dry	1	0.046	0.066	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Cadmium [7440-43-9] *	0.066	U	mg/kg dry	1	0.033	0.066	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Chromium [7440-47-3] *	**2.09**		mg/kg dry	1	0.13	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Copper [7440-50-8] *	0.655	U	mg/kg dry	1	0.039	0.655	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Lead [7439-92-1] *	**7.23**		mg/kg dry	1	0.13	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Manganese [7439-96-5] *	**85.9**		mg/kg dry	1	0.066	0.655	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Nickel [7440-02-0] *	0.66	U	mg/kg dry	1	0.13	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Selenium [7782-49-2] *	0.66	U	mg/kg dry	1	0.13	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Silver [7440-22-4] *	0.66	U	mg/kg dry	1	0.13	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Thallium [7440-28-0] *	0.66	U	mg/kg dry	1	0.26	0.66	7H06012	EPA 6010B	08/08/07 16:06	JDH	
Zinc [7440-66-6] *	**9.23**		mg/kg dry	1	0.066	0.655	7H06012	EPA 6010B	08/09/07 08:36	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	0.013	U	mg/kg dry	1	0.005	0.013	7H07011	EPA 7471A	08/08/07 09:46	JMA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SB-7 (8-10)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-04
Sampled: 08/03/07 13:40
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 79.2

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0013	U	mg/kg dry	1.04	0.00079	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,1-Dichloroethane [75-34-3] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,1-Dichloroethene [75-35-4] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,1-Dichloropropene [563-58-6] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0013	U	mg/kg dry	1.04	0.00066	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2-Dibromoethane [106-93-4] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2-Dichloroethane [107-06-2] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,2-Dichloropropane [78-87-5] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,3-Dichloropropane [142-28-9] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
2,2-Dichloropropane [594-20-7] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
2-Butanone [78-93-3] *	0.0066	U	mg/kg dry	1.04	0.0020	0.0066	7H08009	EPA 8260B	08/08/07 14:32	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0066	U	mg/kg dry	1.04	0.0035	0.0066	7H08009	EPA 8260B	08/08/07 14:32	jkg	
2-Chlorotoluene [95-49-8] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
2-Hexanone [591-78-6] *	0.0066	U	mg/kg dry	1.04	0.0030	0.0066	7H08009	EPA 8260B	08/08/07 14:32	jkg	
4-Chlorotoluene [106-43-4] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
4-Isopropyltoluene [99-87-6] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0066	U	mg/kg dry	1.04	0.0032	0.0066	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Acetone [67-64-1] *	0.0066	U	mg/kg dry	1.04	0.0038	0.0066	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Benzene [71-43-2] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Bromobenzene [108-86-1] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Bromochloromethane [74-97-5] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Bromodichloromethane [75-27-4] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Bromoform [75-25-2] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Bromomethane [74-83-9] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Carbon disulfide [75-15-0] *	0.0066	U	mg/kg dry	1.04	0.0026	0.0066	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Carbon Tetrachloride [56-23-5] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Chlorobenzene [108-90-7] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Chloroethane [75-00-3] *	0.0013	U	mg/kg dry	1.04	0.00066	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Chloroform [67-66-3] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Chloromethane [74-87-3] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Dibromochloromethane [124-48-1] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Dibromomethane [74-95-3] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0013	U	mg/kg dry	1.04	0.00079	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Ethylbenzene [100-41-4] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Hexachlorobutadiene [87-68-3] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Isopropylbenzene [98-82-8] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0026	U	mg/kg dry	1.04	0.0024	0.0026	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Methylene Chloride [75-09-2] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	

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Description:	SB-7 (8-10)	**Lab Sample ID:**	C710914-04	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:40	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.2

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Naphthalene [91-20-3] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
n-Butyl Benzene [104-51-8] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
n-Propyl Benzene [103-65-1] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
o-Xylene [95-47-6] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
sec-Butylbenzene [135-98-8] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Styrene [100-42-5] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
tert-Butylbenzene [98-06-6] *	0.0013	U	mg/kg dry	1.04	0.00079	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Tetrachloroethene [127-18-4] *	0.0013	U	mg/kg dry	1.04	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Toluene [108-88-3] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Trichloroethene [79-01-6] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Trichlorofluoromethane [75-69-4] *	0.0013	U	mg/kg dry	1.04	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	
Vinyl chloride [75-01-4] *	0.0013	U	mg/kg dry	1.04	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:32	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.052*	*1*	*0.0631*	*83 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 14:32*	*jkg*	
Dibromofluoromethane	*0.056*	*1*	*0.0631*	*89 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 14:32*	*jkg*	
Toluene-d8	*0.064*	*1*	*0.0631*	*102 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 14:32*	*jkg*	

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Description: SB-7 (8-10) | **Lab Sample ID:** C710914-04 | **Received:** 08/04/07 10:45
Matrix: Soil | **Sampled:** 08/03/07 13:40 | **Work Order:** C710914
Project: BASF | **Sampled By:** John Meyer | **% Solids:** 79.2

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.42	U	mg/kg dry	1	0.25	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.42	U	mg/kg dry	1	0.25	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
1-Methylnaphthalene [90-12-0] *	0.42	U	mg/kg dry	1	0.25	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2,4-Dichlorophenol [120-83-2] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2,4-Dimethylphenol [105-67-9] *	0.42	U	mg/kg dry	1	0.21	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2,4-Dinitrophenol [51-28-5] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2-Chloronaphthalene [91-58-7] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2-Chlorophenol [95-57-8] *	0.42	U	mg/kg dry	1	0.21	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2-Methylnaphthalene [91-57-6] *	0.42	U	mg/kg dry	1	0.25	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2-Methylphenol [95-48-7] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2-Nitroaniline [88-74-4] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
2-Nitrophenol [88-75-5] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
3 & 4-Methylphenol	0.83	U	mg/kg dry	1	0.17	0.83	7H08006	EPA 8270C	08/09/07 00:13	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
3-Nitroaniline [99-09-2] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
4-Chloroaniline [106-47-8] *	0.42	U	mg/kg dry	1	0.21	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
4-Nitroaniline [100-01-6] *	0.42	U	mg/kg dry	1	0.29	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Acenaphthene [83-32-9] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Acenaphthylene [208-96-8] *	0.42	U	mg/kg dry	1	0.21	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Anthracene [120-12-7] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzidine [92-87-5] *	0.42	U	mg/kg dry	1	0.21	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzo(a)anthracene [56-55-3] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzo(a)pyrene [50-32-8] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzoic acid [65-85-0] *	0.42	U	mg/kg dry	1	0.021	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Benzyl alcohol [100-51-6] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.42	U	mg/kg dry	1	0.25	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Butylbenzylphthalate [85-68-7] *	0.42	U	mg/kg dry	1	0.042	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Chrysene [218-01-9] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Dibenzofuran [132-64-9] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Diethylphthalate [84-66-2] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Dimethylphthalate [131-11-3] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Di-n-butylphthalate [84-74-2] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Di-n-octylphthalate [117-84-0] *	0.42	U	mg/kg dry	1	0.21	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Fluoranthene [206-44-0] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	

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Description:	SB-7 (8-10)	**Lab Sample ID:**	C710914-04	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:40	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.2

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Hexachlorobenzene [118-74-1] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Hexachlorobutadiene [87-68-3] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Hexachloroethane [67-72-1] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Isophorone [78-59-1] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Naphthalene [91-20-3] *	0.42	U	mg/kg dry	1	0.33	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Nitrobenzene [98-95-3] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Pentachlorobenzene [608-93-5] *	0.42	U	mg/kg dry	1	0.12	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Phenanthrene [85-01-8] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Phenol [108-95-2] *	0.42	U	mg/kg dry	1	0.17	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Pyrene [129-00-0] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	
Pyridine [110-86-1] *	0.42	U	mg/kg dry	1	0.083	0.42	7H08006	EPA 8270C	08/09/07 00:13	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.4*	*1*	*4.21*	*81 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/09/07 00:13*	*DFM*	
2-Fluorobiphenyl	*1.9*	*1*	*2.10*	*90 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/09/07 00:13*	*DFM*	
2-Fluorophenol	*3.9*	*1*	*4.21*	*93 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/09/07 00:13*	*DFM*	
Nitrobenzene-d5	*1.9*	*1*	*2.10*	*91 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/09/07 00:13*	*DFM*	
Phenol-d5	*4.1*	*1*	*4.21*	*96 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/09/07 00:13*	*DFM*	
Terphenyl-d14	*1.9*	*1*	*2.10*	*91 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/09/07 00:13*	*DFM*	

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Description:	SB-7 (8-10)	**Lab Sample ID:**	C710914-04	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:40	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.2

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Arsenic [7440-38-2] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Beryllium [7440-41-7] *	0.063	U	mg/kg dry	1	0.044	0.063	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Cadmium [7440-43-9] *	0.063	U	mg/kg dry	1	0.032	0.063	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Chromium [7440-47-3] *	**2.73**		mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Copper [7440-50-8] *	0.631	U	mg/kg dry	1	0.038	0.631	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Lead [7439-92-1] *	**5.01**		mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Manganese [7439-96-5] *	**137**		mg/kg dry	1	0.063	0.631	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Nickel [7440-02-0] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Selenium [7782-49-2] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Silver [7440-22-4] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Thallium [7440-28-0] *	0.63	U	mg/kg dry	1	0.25	0.63	7H06012	EPA 6010B	08/08/07 16:25	JDH	
Zinc [7440-66-6] *	**20.9**		mg/kg dry	1	0.063	0.631	7H06012	EPA 6010B	08/09/07 08:41	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	0.013	U	mg/kg dry	1	0.005	0.013	7H07011	EPA 7471A	08/08/07 09:56	JMA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SB-8 (8-10)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-05
Sampled: 08/03/07 13:50
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 79.7

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0013	U	mg/kg dry	1.05	0.00079	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,1-Dichloroethane [75-34-3] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,1-Dichloroethene [75-35-4] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,1-Dichloropropene [563-58-6] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0013	U	mg/kg dry	1.05	0.00066	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2-Dibromoethane [106-93-4] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2-Dichloroethane [107-06-2] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,2-Dichloropropane [78-87-5] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,3-Dichloropropane [142-28-9] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
2,2-Dichloropropane [594-20-7] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
2-Butanone [78-93-3] *	0.0066	U	mg/kg dry	1.05	0.0020	0.0066	7H08009	EPA 8260B	08/08/07 14:59	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0066	U	mg/kg dry	1.05	0.0036	0.0066	7H08009	EPA 8260B	08/08/07 14:59	jkg	
2-Chlorotoluene [95-49-8] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
2-Hexanone [591-78-6] *	0.0066	U	mg/kg dry	1.05	0.0030	0.0066	7H08009	EPA 8260B	08/08/07 14:59	jkg	
4-Chlorotoluene [106-43-4] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
4-Isopropyltoluene [99-87-6] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0066	U	mg/kg dry	1.05	0.0032	0.0066	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Acetone [67-64-1] *	0.0066	U	mg/kg dry	1.05	0.0038	0.0066	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Benzene [71-43-2] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Bromobenzene [108-86-1] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Bromochloromethane [74-97-5] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Bromodichloromethane [75-27-4] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Bromoform [75-25-2] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Bromomethane [74-83-9] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Carbon disulfide [75-15-0] *	0.0066	U	mg/kg dry	1.05	0.0026	0.0066	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Carbon Tetrachloride [56-23-5] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Chlorobenzene [108-90-7] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Chloroethane [75-00-3] *	0.0013	U	mg/kg dry	1.05	0.00066	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Chloroform [67-66-3] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Chloromethane [74-87-3] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Dibromochloromethane [124-48-1] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Dibromomethane [74-95-3] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0013	U	mg/kg dry	1.05	0.00079	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Ethylbenzene [100-41-4] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Hexachlorobutadiene [87-68-3] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Isopropylbenzene [98-82-8] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0026	U	mg/kg dry	1.05	0.0024	0.0026	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Methylene Chloride [75-09-2] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	

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Description:	SB-8 (8-10)	**Lab Sample ID:**	C710914-05	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:50	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.7

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Naphthalene [91-20-3] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
n-Butyl Benzene [104-51-8] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
n-Propyl Benzene [103-65-1] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
o-Xylene [95-47-6] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
sec-Butylbenzene [135-98-8] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Styrene [100-42-5] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
tert-Butylbenzene [98-06-6] *	0.0013	U	mg/kg dry	1.05	0.00079	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Tetrachloroethene [127-18-4] *	0.0013	U	mg/kg dry	1.05	0.00092	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Toluene [108-88-3] *	**0.0039**		mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Trichloroethene [79-01-6] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Trichlorofluoromethane [75-69-4] *	0.0013	U	mg/kg dry	1.05	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	
Vinyl chloride [75-01-4] *	0.0013	U	mg/kg dry	1.05	0.0012	0.0013	7H08009	EPA 8260B	08/08/07 14:59	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.053*	*1*	*0.0627*	*84 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 14:59*	*jkg*	
Dibromofluoromethane	*0.053*	*1*	*0.0627*	*84 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 14:59*	*jkg*	
Toluene-d8	*0.063*	*1*	*0.0627*	*100 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 14:59*	*jkg*	

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Description: SB-8 (8-10)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-05
Sampled: 08/03/07 13:50
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 79.7

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
1-Methylnaphthalene [90-12-0] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2,4-Dichlorophenol [120-83-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2,4-Dimethylphenol [105-67-9] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2,4-Dinitrophenol [51-28-5] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2-Chloronaphthalene [91-58-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2-Chlorophenol [95-57-8] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2-Methylnaphthalene [91-57-6] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2-Methylphenol [95-48-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2-Nitroaniline [88-74-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
2-Nitrophenol [88-75-5] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
3 & 4-Methylphenol	0.83	U	mg/kg dry	1	0.17	0.83	7H08006	EPA 8270C	08/09/07 00:42	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
3-Nitroaniline [99-09-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
4-Chloroaniline [106-47-8] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
4-Nitroaniline [100-01-6] *	0.41	U	mg/kg dry	1	0.29	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Acenaphthene [83-32-9] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Acenaphthylene [208-96-8] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Anthracene [120-12-7] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzidine [92-87-5] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzo(a)anthracene [56-55-3] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzo(a)pyrene [50-32-8] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzoic acid [65-85-0] *	0.41	U	mg/kg dry	1	0.021	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Benzyl alcohol [100-51-6] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Butylbenzylphthalate [85-68-7] *	0.41	U	mg/kg dry	1	0.041	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Chrysene [218-01-9] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Dibenzofuran [132-64-9] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Diethylphthalate [84-66-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Dimethylphthalate [131-11-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Di-n-butylphthalate [84-74-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Di-n-octylphthalate [117-84-0] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Fluoranthene [206-44-0] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	

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Description:	SB-8 (8-10)	**Lab Sample ID:**	C710914-05	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:50	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.7

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Hexachlorobenzene [118-74-1] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Hexachlorobutadiene [87-68-3] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Hexachloroethane [67-72-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Isophorone [78-59-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Naphthalene [91-20-3] *	0.41	U	mg/kg dry	1	0.33	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Nitrobenzene [98-95-3] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Pentachlorobenzene [608-93-5] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Phenanthrene [85-01-8] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Phenol [108-95-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Pyrene [129-00-0] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	
Pyridine [110-86-1] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 00:42	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.5*	*1*	*4.18*	*84 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/09/07 00:42*	*DFM*	
2-Fluorobiphenyl	*1.9*	*1*	*2.09*	*92 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/09/07 00:42*	*DFM*	
2-Fluorophenol	*4.0*	*1*	*4.18*	*96 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/09/07 00:42*	*DFM*	
Nitrobenzene-d5	*2.0*	*1*	*2.09*	*95 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/09/07 00:42*	*DFM*	
Phenol-d5	*4.1*	*1*	*4.18*	*99 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/09/07 00:42*	*DFM*	
Terphenyl-d14	*2.1*	*1*	*2.09*	*100 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/09/07 00:42*	*DFM*	

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Description:	SB-8 (8-10)	**Lab Sample ID:**	C710914-05	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 13:50	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.7

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Arsenic [7440-38-2] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Beryllium [7440-41-7] *	0.063	U	mg/kg dry	1	0.044	0.063	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Cadmium [7440-43-9] *	0.063	U	mg/kg dry	1	0.031	0.063	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Chromium [7440-47-3] *	**28.6**		mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Copper [7440-50-8] *	0.627	U	mg/kg dry	1	0.038	0.627	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Lead [7439-92-1] *	**3.36**		mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Manganese [7439-96-5] *	**934**		mg/kg dry	1	0.063	0.627	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Nickel [7440-02-0] *	**4.15**		mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Selenium [7782-49-2] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Silver [7440-22-4] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Thallium [7440-28-0] *	0.63	U	mg/kg dry	1	0.25	0.63	7H06012	EPA 6010B	08/08/07 16:32	JDH	
Zinc [7440-66-6] *	**11.3**		mg/kg dry	1	0.063	0.627	7H06012	EPA 6010B	08/09/07 08:47	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	0.013	U	mg/kg dry	1	0.005	0.013	7H07011	EPA 7471A	08/08/07 09:59	JMA	

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Description: SB-9 (13-15)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-06
Sampled: 08/03/07 14:00
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 80.9

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0012	U	mg/kg dry	1	0.00074	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,1-Dichloroethane [75-34-3] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,1-Dichloroethene [75-35-4] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,1-Dichloropropene [563-58-6] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0012	U	mg/kg dry	1	0.00062	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2-Dibromoethane [106-93-4] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2-Dichloroethane [107-06-2] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,2-Dichloropropane [78-87-5] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,3-Dichloropropane [142-28-9] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
2,2-Dichloropropane [594-20-7] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
2-Butanone [78-93-3] *	0.0062	U	mg/kg dry	1	0.0019	0.0062	7H08009	EPA 8260B	08/08/07 15:27	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0062	U	mg/kg dry	1	0.0033	0.0062	7H08009	EPA 8260B	08/08/07 15:27	jkg	
2-Chlorotoluene [95-49-8] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
2-Hexanone [591-78-6] *	0.0062	U	mg/kg dry	1	0.0028	0.0062	7H08009	EPA 8260B	08/08/07 15:27	jkg	
4-Chlorotoluene [106-43-4] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
4-Isopropyltoluene [99-87-6] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0062	U	mg/kg dry	1	0.0030	0.0062	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Acetone [67-64-1] *	0.0062	U	mg/kg dry	1	0.0036	0.0062	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Benzene [71-43-2] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Bromobenzene [108-86-1] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Bromochloromethane [74-97-5] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Bromodichloromethane [75-27-4] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Bromoform [75-25-2] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Bromomethane [74-83-9] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Carbon disulfide [75-15-0] *	0.0062	U	mg/kg dry	1	0.0025	0.0062	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Carbon Tetrachloride [56-23-5] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Chlorobenzene [108-90-7] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Chloroethane [75-00-3] *	0.0012	U	mg/kg dry	1	0.00062	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Chloroform [67-66-3] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Chloromethane [74-87-3] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Dibromochloromethane [124-48-1] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Dibromomethane [74-95-3] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0012	U	mg/kg dry	1	0.00074	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Ethylbenzene [100-41-4] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Hexachlorobutadiene [87-68-3] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Isopropylbenzene [98-82-8] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0025	U	mg/kg dry	1	0.0022	0.0025	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Methylene Chloride [75-09-2] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	

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Description:	SB-9 (13-15)	**Lab Sample ID:**	C710914-06	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 14:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	80.9

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Naphthalene [91-20-3] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
n-Butyl Benzene [104-51-8] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
n-Propyl Benzene [103-65-1] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
o-Xylene [95-47-6] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
sec-Butylbenzene [135-98-8] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Styrene [100-42-5] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
tert-Butylbenzene [98-06-6] *	0.0012	U	mg/kg dry	1	0.00074	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Tetrachloroethene [127-18-4] *	0.0012	U	mg/kg dry	1	0.00087	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Toluene [108-88-3] *	**0.0025**		mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Trichloroethene [79-01-6] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Trichlorofluoromethane [75-69-4] *	0.0012	U	mg/kg dry	1	0.00099	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	
Vinyl chloride [75-01-4] *	0.0012	U	mg/kg dry	1	0.0011	0.0012	7H08009	EPA 8260B	08/08/07 15:27	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.054*	*1*	*0.0618*	*87 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 15:27*	*jkg*	
Dibromofluoromethane	*0.058*	*1*	*0.0618*	*93 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 15:27*	*jkg*	
Toluene-d8	*0.062*	*1*	*0.0618*	*100 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 15:27*	*jkg*	

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Description: SB-9 (13-15)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-06
Sampled: 08/03/07 14:00
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 80.9

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
1-Methylnaphthalene [90-12-0] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2,4-Dichlorophenol [120-83-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2,4-Dimethylphenol [105-67-9] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2,4-Dinitrophenol [51-28-5] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2-Chloronaphthalene [91-58-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2-Chlorophenol [95-57-8] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2-Methylnaphthalene [91-57-6] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2-Methylphenol [95-48-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2-Nitroaniline [88-74-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
2-Nitrophenol [88-75-5] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
3 & 4-Methylphenol	0.82	U	mg/kg dry	1	0.16	0.82	7H08006	EPA 8270C	08/09/07 01:10	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
3-Nitroaniline [99-09-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
4-Chloroaniline [106-47-8] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
4-Nitroaniline [100-01-6] *	0.41	U	mg/kg dry	1	0.29	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Acenaphthene [83-32-9] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Acenaphthylene [208-96-8] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Anthracene [120-12-7] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzidine [92-87-5] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzo(a)anthracene [56-55-3] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzo(a)pyrene [50-32-8] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzoic acid [65-85-0] *	0.41	U	mg/kg dry	1	0.020	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Benzyl alcohol [100-51-6] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.41	U	mg/kg dry	1	0.24	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Butylbenzylphthalate [85-68-7] *	0.41	U	mg/kg dry	1	0.041	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Chrysene [218-01-9] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Dibenzofuran [132-64-9] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Diethylphthalate [84-66-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Dimethylphthalate [131-11-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Di-n-butylphthalate [84-74-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Di-n-octylphthalate [117-84-0] *	0.41	U	mg/kg dry	1	0.20	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Fluoranthene [206-44-0] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	

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Description:	SB-9 (13-15)	**Lab Sample ID:**	C710914-06	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 14:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	80.9

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Hexachlorobenzene [118-74-1] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Hexachlorobutadiene [87-68-3] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Hexachloroethane [67-72-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Isophorone [78-59-1] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Naphthalene [91-20-3] *	0.41	U	mg/kg dry	1	0.33	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Nitrobenzene [98-95-3] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Pentachlorobenzene [608-93-5] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Phenanthrene [85-01-8] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Phenol [108-95-2] *	0.41	U	mg/kg dry	1	0.16	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Pyrene [129-00-0] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	
Pyridine [110-86-1] *	0.41	U	mg/kg dry	1	0.082	0.41	7H08006	EPA 8270C	08/09/07 01:10	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.2*	*1*	*4.12*	*79 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/09/07 01:10*	*DFM*	
2-Fluorobiphenyl	*1.8*	*1*	*2.06*	*87 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/09/07 01:10*	*DFM*	
2-Fluorophenol	*3.7*	*1*	*4.12*	*89 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/09/07 01:10*	*DFM*	
Nitrobenzene-d5	*1.8*	*1*	*2.06*	*88 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/09/07 01:10*	*DFM*	
Phenol-d5	*3.8*	*1*	*4.12*	*93 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/09/07 01:10*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*2.06*	*95 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/09/07 01:10*	*DFM*	

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Description:	SB-9 (13-15)	**Lab Sample ID:**	C710914-06	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 14:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	80.9

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.62	U	mg/kg dry	1	0.12	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Arsenic [7440-38-2] *	0.62	U	mg/kg dry	1	0.12	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Beryllium [7440-41-7] *	0.062	U	mg/kg dry	1	0.043	0.062	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Cadmium [7440-43-9] *	0.062	U	mg/kg dry	1	0.031	0.062	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Chromium [7440-47-3] *	0.62	U	mg/kg dry	1	0.12	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Copper [7440-50-8] *	0.618	U	mg/kg dry	1	0.037	0.618	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Lead [7439-92-1] *	**3.12**		mg/kg dry	1	0.12	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Manganese [7439-96-5] *	**112**		mg/kg dry	1	0.062	0.618	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Nickel [7440-02-0] *	**0.84**		mg/kg dry	1	0.12	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Selenium [7782-49-2] *	0.62	U	mg/kg dry	1	0.12	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Silver [7440-22-4] *	0.62	U	mg/kg dry	1	0.12	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Thallium [7440-28-0] *	0.62	U	mg/kg dry	1	0.25	0.62	7H06012	EPA 6010B	08/08/07 16:39	JDH	
Zinc [7440-66-6] *	**15.3**		mg/kg dry	1	0.062	0.618	7H06012	EPA 6010B	08/09/07 08:52	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	0.012	U	mg/kg dry	1	0.004	0.012	7H07011	EPA 7471A	08/08/07 10:03	JMA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SB-10 (13-15)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-07
Sampled: 08/03/07 14:20
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 76.8

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0013	U	mg/kg dry	0.96	0.00075	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,1-Dichloroethane [75-34-3] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,1-Dichloroethene [75-35-4] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,1-Dichloropropene [563-58-6] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0013	U	mg/kg dry	0.96	0.00063	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2-Dibromoethane [106-93-4] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2-Dichloroethane [107-06-2] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,2-Dichloropropane [78-87-5] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,3-Dichloropropane [142-28-9] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
2,2-Dichloropropane [594-20-7] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
2-Butanone [78-93-3] *	0.0063	U	mg/kg dry	0.96	0.0019	0.0063	7H08009	EPA 8260B	08/08/07 15:56	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0063	U	mg/kg dry	0.96	0.0034	0.0063	7H08009	EPA 8260B	08/08/07 15:56	jkg	
2-Chlorotoluene [95-49-8] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
2-Hexanone [591-78-6] *	0.0063	U	mg/kg dry	0.96	0.0029	0.0063	7H08009	EPA 8260B	08/08/07 15:56	jkg	
4-Chlorotoluene [106-43-4] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
4-Isopropyltoluene [99-87-6] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0063	U	mg/kg dry	0.96	0.0030	0.0063	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Acetone [67-64-1] *	0.0063	U	mg/kg dry	0.96	0.0036	0.0063	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Benzene [71-43-2] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Bromobenzene [108-86-1] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Bromochloromethane [74-97-5] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Bromodichloromethane [75-27-4] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Bromoform [75-25-2] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Bromomethane [74-83-9] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Carbon disulfide [75-15-0] *	0.0063	U	mg/kg dry	0.96	0.0025	0.0063	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Carbon Tetrachloride [56-23-5] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Chlorobenzene [108-90-7] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Chloroethane [75-00-3] *	0.0013	U	mg/kg dry	0.96	0.00063	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Chloroform [67-66-3] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Chloromethane [74-87-3] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Dibromochloromethane [124-48-1] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Dibromomethane [74-95-3] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0013	U	mg/kg dry	0.96	0.00075	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Ethylbenzene [100-41-4] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Hexachlorobutadiene [87-68-3] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Isopropylbenzene [98-82-8] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0025	U	mg/kg dry	0.96	0.0023	0.0025	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Methylene Chloride [75-09-2] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	

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Description:	SB-10 (13-15)	**Lab Sample ID:**	C710914-07	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 14:20	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	76.8

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Naphthalene [91-20-3] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
n-Butyl Benzene [104-51-8] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
n-Propyl Benzene [103-65-1] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
o-Xylene [95-47-6] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
sec-Butylbenzene [135-98-8] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Styrene [100-42-5] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
tert-Butylbenzene [98-06-6] *	0.0013	U	mg/kg dry	0.96	0.00075	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Tetrachloroethene [127-18-4] *	0.0013	U	mg/kg dry	0.96	0.00088	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Toluene [108-88-3] *	**0.0038**		mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Trichloroethene [79-01-6] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Trichlorofluoromethane [75-69-4] *	0.0013	U	mg/kg dry	0.96	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	
Vinyl chloride [75-01-4] *	0.0013	U	mg/kg dry	0.96	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 15:56	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.056*	*1*	*0.0651*	*86 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 15:56*	*jkg*	
Dibromofluoromethane	*0.061*	*1*	*0.0651*	*94 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 15:56*	*jkg*	
Toluene-d8	*0.066*	*1*	*0.0651*	*102 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 15:56*	*jkg*	

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Description: SB-10 (13-15)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-07
Sampled: 08/03/07 14:20
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 76.8

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
1-Methylnaphthalene [90-12-0] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2,4-Dichlorophenol [120-83-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2,4-Dimethylphenol [105-67-9] *	0.43	U	mg/kg dry	1	0.21	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2,4-Dinitrophenol [51-28-5] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2-Chloronaphthalene [91-58-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2-Chlorophenol [95-57-8] *	0.43	U	mg/kg dry	1	0.21	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2-Methylnaphthalene [91-57-6] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2-Methylphenol [95-48-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2-Nitroaniline [88-74-4] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
2-Nitrophenol [88-75-5] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
3 & 4-Methylphenol	0.86	U	mg/kg dry	1	0.17	0.86	7H08006	EPA 8270C	08/09/07 01:39	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
3-Nitroaniline [99-09-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
4-Chloroaniline [106-47-8] *	0.43	U	mg/kg dry	1	0.21	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
4-Nitroaniline [100-01-6] *	0.43	U	mg/kg dry	1	0.30	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Acenaphthene [83-32-9] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Acenaphthylene [208-96-8] *	0.43	U	mg/kg dry	1	0.21	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Anthracene [120-12-7] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzidine [92-87-5] *	0.43	U	mg/kg dry	1	0.21	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzo(a)anthracene [56-55-3] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzo(a)pyrene [50-32-8] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzoic acid [65-85-0] *	0.43	U	mg/kg dry	1	0.021	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Benzyl alcohol [100-51-6] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.43	U	mg/kg dry	1	0.26	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Butylbenzylphthalate [85-68-7] *	0.43	U	mg/kg dry	1	0.043	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Chrysene [218-01-9] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Dibenzofuran [132-64-9] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Diethylphthalate [84-66-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Dimethylphthalate [131-11-3] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Di-n-butylphthalate [84-74-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Di-n-octylphthalate [117-84-0] *	0.43	U	mg/kg dry	1	0.21	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Fluoranthene [206-44-0] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	

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Description:	SB-10 (13-15)	**Lab Sample ID:**	C710914-07	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 14:20	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	76.8

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Hexachlorobenzene [118-74-1] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Hexachlorobutadiene [87-68-3] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Hexachloroethane [67-72-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Isophorone [78-59-1] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Naphthalene [91-20-3] *	0.43	U	mg/kg dry	1	0.34	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Nitrobenzene [98-95-3] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Pentachlorobenzene [608-93-5] *	0.43	U	mg/kg dry	1	0.13	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Phenanthrene [85-01-8] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Phenol [108-95-2] *	0.43	U	mg/kg dry	1	0.17	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Pyrene [129-00-0] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	
Pyridine [110-86-1] *	0.43	U	mg/kg dry	1	0.086	0.43	7H08006	EPA 8270C	08/09/07 01:39	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.3*	*1*	*4.33*	*76 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/09/07 01:39*	*DFM*	
2-Fluorobiphenyl	*1.9*	*1*	*2.16*	*86 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/09/07 01:39*	*DFM*	
2-Fluorophenol	*3.9*	*1*	*4.33*	*91 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/09/07 01:39*	*DFM*	
Nitrobenzene-d5	*2.0*	*1*	*2.16*	*90 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/09/07 01:39*	*DFM*	
Phenol-d5	*4.1*	*1*	*4.33*	*95 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/09/07 01:39*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*2.16*	*85 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/09/07 01:39*	*DFM*	

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Description:	SB-10 (13-15)	**Lab Sample ID:**	C710914-07	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 14:20	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	76.8

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.65	U	mg/kg dry	1	0.13	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Arsenic [7440-38-2] *	0.65	U	mg/kg dry	1	0.13	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Beryllium [7440-41-7] *	0.065	U	mg/kg dry	1	0.046	0.065	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Cadmium [7440-43-9] *	0.065	U	mg/kg dry	1	0.033	0.065	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Chromium [7440-47-3] *	0.65	U	mg/kg dry	1	0.13	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Copper [7440-50-8] *	0.651	U	mg/kg dry	1	0.039	0.651	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Lead [7439-92-1] *	**3.59**		mg/kg dry	1	0.13	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Manganese [7439-96-5] *	**80.6**		mg/kg dry	1	0.065	0.651	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Nickel [7440-02-0] *	0.65	U	mg/kg dry	1	0.13	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Selenium [7782-49-2] *	0.65	U	mg/kg dry	1	0.13	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Silver [7440-22-4] *	0.65	U	mg/kg dry	1	0.13	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Thallium [7440-28-0] *	0.65	U	mg/kg dry	1	0.26	0.65	7H06012	EPA 6010B	08/08/07 16:46	JDH	
Zinc [7440-66-6] *	**8.34**		mg/kg dry	1	0.065	0.651	7H06012	EPA 6010B	08/09/07 08:57	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	**0.046**		mg/kg dry	1	0.005	0.013	7H07011	EPA 7471A	08/08/07 10:06	JMA	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SB-11 (13-15)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-08
Sampled: 08/03/07 15:00
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 79.9

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	0.0013	U	mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,1,1-Trichloroethane [71-55-6] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,1,2-Trichloroethane [79-00-5] *	0.0013	U	mg/kg dry	1.02	0.00077	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,1-Dichloroethane [75-34-3] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,1-Dichloroethene [75-35-4] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,1-Dichloropropene [563-58-6] *	0.0013	U	mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2,3-Trichloropropane [96-18-4] *	0.0013	U	mg/kg dry	1.02	0.00064	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2-Dibromoethane [106-93-4] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2-Dichlorobenzene [95-50-1] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2-Dichloroethane [107-06-2] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,2-Dichloropropane [78-87-5] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	0.0013	U	mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,3-Dichlorobenzene [541-73-1] *	0.0013	U	mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,3-Dichloropropane [142-28-9] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
1,4-Dichlorobenzene [106-46-7] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
2,2-Dichloropropane [594-20-7] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
2-Butanone [78-93-3] *	0.0064	U	mg/kg dry	1.02	0.0019	0.0064	7H08009	EPA 8260B	08/08/07 16:24	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	0.0064	U	mg/kg dry	1.02	0.0034	0.0064	7H08009	EPA 8260B	08/08/07 16:24	jkg	
2-Chlorotoluene [95-49-8] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
2-Hexanone [591-78-6] *	0.0064	U	mg/kg dry	1.02	0.0029	0.0064	7H08009	EPA 8260B	08/08/07 16:24	jkg	
4-Chlorotoluene [106-43-4] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
4-Isopropyltoluene [99-87-6] *	0.0013	U	mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
4-Methyl-2-pentanone [108-10-1] *	0.0064	U	mg/kg dry	1.02	0.0031	0.0064	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Acetone [67-64-1] *	0.0064	U	mg/kg dry	1.02	0.0037	0.0064	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Benzene [71-43-2] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Bromobenzene [108-86-1] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Bromochloromethane [74-97-5] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Bromodichloromethane [75-27-4] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Bromoform [75-25-2] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Bromomethane [74-83-9] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Carbon disulfide [75-15-0] *	0.0064	U	mg/kg dry	1.02	0.0026	0.0064	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Carbon Tetrachloride [56-23-5] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Chlorobenzene [108-90-7] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Chloroethane [75-00-3] *	0.0013	U	mg/kg dry	1.02	0.00064	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Chloroform [67-66-3] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Chloromethane [74-87-3] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
cis-1,2-Dichloroethene [156-59-2] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Dibromochloromethane [124-48-1] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Dibromomethane [74-95-3] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Dichlorodifluoromethane [75-71-8] *	0.0013	U	mg/kg dry	1.02	0.00077	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Ethylbenzene [100-41-4] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Hexachlorobutadiene [87-68-3] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Isopropylbenzene [98-82-8] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	0.0026	U	mg/kg dry	1.02	0.0023	0.0026	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Methylene Chloride [75-09-2] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	

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Description:	SB-11 (13-15)	**Lab Sample ID:**	C710914-08	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 15:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.9

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Naphthalene [91-20-3] *	0.0013	U	mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
n-Butyl Benzene [104-51-8] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
n-Propyl Benzene [103-65-1] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
o-Xylene [95-47-6] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
sec-Butylbenzene [135-98-8] *	0.0013	U	mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Styrene [100-42-5] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
tert-Butylbenzene [98-06-6] *	0.0013	U	mg/kg dry	1.02	0.00077	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Tetrachloroethene [127-18-4] *	**0.0055**		mg/kg dry	1.02	0.00089	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Toluene [108-88-3] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
trans-1,2-Dichloroethene [156-60-5] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Trichloroethene [79-01-6] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Trichlorofluoromethane [75-69-4] *	0.0013	U	mg/kg dry	1.02	0.0010	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	
Vinyl chloride [75-01-4] *	0.0013	U	mg/kg dry	1.02	0.0011	0.0013	7H08009	EPA 8260B	08/08/07 16:24	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.055*	*1*	*0.0626*	*88 %*	*53-151*	*7H08009*	*EPA 8260B*	*08/08/07 16:24*	*jkg*	
Dibromofluoromethane	*0.057*	*1*	*0.0626*	*90 %*	*56-130*	*7H08009*	*EPA 8260B*	*08/08/07 16:24*	*jkg*	
Toluene-d8	*0.063*	*1*	*0.0626*	*101 %*	*67-126*	*7H08009*	*EPA 8260B*	*08/08/07 16:24*	*jkg*	

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Description: SB-11 (13-15)
Matrix: Soil
Project: BASF

Lab Sample ID: C710914-08
Sampled: 08/03/07 15:00
Sampled By: John Meyer

Received: 08/04/07 10:45
Work Order: C710914
% Solids: 79.9

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
1,2-Dichlorobenzene [95-50-1] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
1,3-Dichlorobenzene [541-73-1] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
1,4-Dichlorobenzene [106-46-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
1-Methylnaphthalene [90-12-0] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2,4,5-Trichlorophenol [95-95-4] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2,4,6-Trichlorophenol [88-06-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2,4-Dichlorophenol [120-83-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2,4-Dimethylphenol [105-67-9] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2,4-Dinitrophenol [51-28-5] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2,4-Dinitrotoluene [121-14-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2,6-Dinitrotoluene [606-20-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2-Chloronaphthalene [91-58-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2-Chlorophenol [95-57-8] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2-Methylnaphthalene [91-57-6] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2-Methylphenol [95-48-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2-Nitroaniline [88-74-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
2-Nitrophenol [88-75-5] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
3 & 4-Methylphenol	0.83	U	mg/kg dry	1	0.17	0.83	7H08006	EPA 8270C	08/09/07 02:07	DFM	
3,3'-Dichlorobenzidine [91-94-1] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
3-Nitroaniline [99-09-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
4-Bromophenyl-phenylether [101-55-3] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
4-Chloro-3-methylphenol [59-50-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
4-Chloroaniline [106-47-8] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
4-Nitroaniline [100-01-6] *	0.41	U	mg/kg dry	1	0.29	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Acenaphthene [83-32-9] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Acenaphthylene [208-96-8] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Anthracene [120-12-7] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzidine [92-87-5] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzo(a)anthracene [56-55-3] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzo(a)pyrene [50-32-8] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzo(b)fluoranthene [205-99-2] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzo(g,h,i)perylene [191-24-2] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzo(k)fluoranthene [207-08-9] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzoic acid [65-85-0] *	0.41	U	mg/kg dry	1	0.021	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Benzyl alcohol [100-51-6] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	0.41	U	mg/kg dry	1	0.25	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Butylbenzylphthalate [85-68-7] *	0.41	U	mg/kg dry	1	0.041	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Chrysene [218-01-9] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Dibenzofuran [132-64-9] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Diethylphthalate [84-66-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Dimethylphthalate [131-11-3] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Di-n-butylphthalate [84-74-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Di-n-octylphthalate [117-84-0] *	0.41	U	mg/kg dry	1	0.21	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Fluoranthene [206-44-0] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	

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Description:	SB-11 (13-15)	**Lab Sample ID:**	C710914-08	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 15:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.9

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluorene [86-73-7] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Hexachlorobenzene [118-74-1] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Hexachlorobutadiene [87-68-3] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Hexachlorocyclopentadiene [77-47-4] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Hexachloroethane [67-72-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Isophorone [78-59-1] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Naphthalene [91-20-3] *	0.41	U	mg/kg dry	1	0.33	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Nitrobenzene [98-95-3] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
N-Nitrosodimethylamine [62-75-9] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Pentachlorobenzene [608-93-5] *	0.41	U	mg/kg dry	1	0.12	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Phenanthrene [85-01-8] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Phenol [108-95-2] *	0.41	U	mg/kg dry	1	0.17	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Pyrene [129-00-0] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	
Pyridine [110-86-1] *	0.41	U	mg/kg dry	1	0.083	0.41	7H08006	EPA 8270C	08/09/07 02:07	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.5*	*1*	*4.17*	*84 %*	*15-140*	*7H08006*	*EPA 8270C*	*08/09/07 02:07*	*DFM*	
2-Fluorobiphenyl	*2.0*	*1*	*2.09*	*94 %*	*45-113*	*7H08006*	*EPA 8270C*	*08/09/07 02:07*	*DFM*	
2-Fluorophenol	*4.1*	*1*	*4.17*	*98 %*	*35-95*	*7H08006*	*EPA 8270C*	*08/09/07 02:07*	*DFM*	*S-AC*
Nitrobenzene-d5	*2.0*	*1*	*2.09*	*95 %*	*29-123*	*7H08006*	*EPA 8270C*	*08/09/07 02:07*	*DFM*	
Phenol-d5	*4.2*	*1*	*4.17*	*101 %*	*44-108*	*7H08006*	*EPA 8270C*	*08/09/07 02:07*	*DFM*	
Terphenyl-d14	*2.1*	*1*	*2.09*	*102 %*	*10-202*	*7H08006*	*EPA 8270C*	*08/09/07 02:07*	*DFM*	

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Description:	SB-11 (13-15)	**Lab Sample ID:**	C710914-08	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 15:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	79.9

Metals by EPA 6000/7000 Series Methods

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Antimony [7440-36-0] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Arsenic [7440-38-2] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Beryllium [7440-41-7] *	0.063	U	mg/kg dry	1	0.044	0.063	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Cadmium [7440-43-9] *	0.063	U	mg/kg dry	1	0.031	0.063	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Chromium [7440-47-3] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Copper [7440-50-8] *	0.626	U	mg/kg dry	1	0.038	0.626	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Lead [7439-92-1] *	**3.00**		mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Manganese [7439-96-5] *	**81.9**		mg/kg dry	1	0.063	0.626	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Nickel [7440-02-0] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Selenium [7782-49-2] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Silver [7440-22-4] *	0.63	U	mg/kg dry	1	0.13	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Thallium [7440-28-0] *	0.63	U	mg/kg dry	1	0.25	0.63	7H06012	EPA 6010B	08/08/07 16:53	JDH	
Zinc [7440-66-6] *	**8.99**		mg/kg dry	1	0.063	0.626	7H06012	EPA 6010B	08/09/07 09:03	JDH	

Metals by EPA 6000/7000 Series Methods

** - ENCO Orlando certified analyte [NC 424]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Mercury [7439-97-6] *	0.013	U	mg/kg dry	1	0.005	0.013	7H07011	EPA 7471A	08/08/07 10:09	JMA	

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Description:	SB-1 (3-5)	**Lab Sample ID:**	C710914-09	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 09:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	84.7

Gasoline Range Organics by GC

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
GRO (C6-C10) [NA] *	**3.2**	JD	mg/kg dry	100	0.86	6.5	7H09010	CA-LUFT (GRO)	08/09/07 13:03	bpk	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	**Notes**
2,5-Dibromotoluene	*4.3*	*100*	*10.0*	*43 %*	*28-139*	*7H09010*	*CA-LUFT (GRO)*	*08/09/07 13:03*	*bpk*	

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Description:	SB-1 (3-5)	**Lab Sample ID:**	C710914-09	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 09:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	84.7

Diesel Range Organics by GC

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
DRO (C10-C24) [NA] *	**7.0**		mg/kg dry	1	3.9	3.9	7H07008	CA-LUFT (DRO)	08/08/07 16:05	JHH	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
o-Terphenyl	*2.17*	*1*	*1.97*	*110 %*	*34-140*	*7H07008*	*CA-LUFT (DRO)*	*08/08/07 16:05*	*JHH*	

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Description:	SB-2 (10-12)	**Lab Sample ID:**	C710914-10	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 09:30	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	82.1

Gasoline Range Organics by GC

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
GRO (C6-C10) [NA] *	**1.9**	JD	mg/kg dry	100	0.89	6.7	7H09010	CA-LUFT (GRO)	08/09/07 13:34	bpk	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,5-Dibromotoluene	*4.6*	*100*	*10.0*	*46 %*	*28-139*	*7H09010*	*CA-LUFT (GRO)*	*08/09/07 13:34*	*bpk*	

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Description:	SB-2 (10-12)	**Lab Sample ID:**	C710914-10	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 09:30	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	82.1

Diesel Range Organics by GC

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
DRO (C10-C24) [NA] *	**5.7**		mg/kg dry	1	4.0	4.0	7H07008	CA-LUFT (DRO)	08/08/07 16:34	JHH	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
o-Terphenyl	*2.00*	*1*	*2.02*	*99 %*	*34-140*	*7H07008*	*CA-LUFT (DRO)*	*08/08/07 16:34*	*JHH*	

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Description:	SB-3 (10-12)	**Lab Sample ID:**	C710914-11	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 10:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	59.2

Gasoline Range Organics by GC

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
GRO (C6-C10) [NA] *	5.4	JD	mg/kg dry	100	1.4	11	7H09010	CA-LUFT (GRO)	08/09/07 14:05	bpk	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,5-Dibromotoluene	*4.5*	*100*	*10.0*	*45 %*	*28-139*	*7H09010*	*CA-LUFT (GRO)*	*08/09/07 14:05*	*bpk*	

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Description:	SB-3 (10-12)	**Lab Sample ID:**	C710914-11	**Received:**	08/04/07 10:45
Matrix:	Soil	**Sampled:**	08/03/07 10:00	**Work Order:**	C710914
Project:	BASF	**Sampled By:**	John Meyer	**% Solids:**	59.2

Diesel Range Organics by GC

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
DRO (C10-C24) [NA] *	**6.5**		mg/kg dry	1	5.6	5.6	7H07008	CA-LUFT (DRO)	08/08/07 17:31	JHH	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	**Notes**
o-Terphenyl	*2.59*	*1*	*2.79*	*93 %*	*34-140*	*7H07008*	*CA-LUFT (DRO)*	*08/08/07 17:31*	*JHH*	

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H08009 - EPA 5035_MS

Blank (7H08009-BLK1) Prepared: 08/08/2007 09:43 Analyzed: 08/08/2007 10:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dichlorodifluoromethane	0.0010	U	0.0010	mg/kg wet							
Chloromethane	0.0010	U	0.0010	mg/kg wet							
Vinyl chloride	0.0010	U	0.0010	mg/kg wet							
Bromomethane	0.0010	U	0.0010	mg/kg wet							
Chloroethane	0.0010	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.0010	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.0010	U	0.0010	mg/kg wet							
Acetone	0.0050	U	0.0050	mg/kg wet							
Carbon disulfide	0.0050	U	0.0050	mg/kg wet							
Methylene Chloride	0.0010	U	0.0010	mg/kg wet							
Methyl-tert-Butyl Ether	0.0010	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.0010	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.0010	U	0.0010	mg/kg wet							
2-Butanone	0.0050	U	0.0050	mg/kg wet							
cis-1,2-Dichloroethene	0.0010	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.0010	U	0.0010	mg/kg wet							
Bromochloromethane	0.0010	U	0.0010	mg/kg wet							
Chloroform	0.0010	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.0010	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.0010	U	0.0010	mg/kg wet							
Carbon Tetrachloride	0.0010	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.0010	U	0.0010	mg/kg wet							
Benzene	0.0010	U	0.0010	mg/kg wet							
Trichloroethene	0.0010	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.0010	U	0.0010	mg/kg wet							
Dibromomethane	0.0010	U	0.0010	mg/kg wet							
Bromodichloromethane	0.0010	U	0.0010	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.0050	U	0.0050	mg/kg wet							
cis-1,3-Dichloropropene	0.0010	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.0050	U	0.0050	mg/kg wet							
Toluene	0.0010	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.0010	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.0010	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.0010	U	0.0010	mg/kg wet							
Tetrachloroethene	0.0010	U	0.0010	mg/kg wet							
2-Hexanone	0.0050	U	0.0050	mg/kg wet							
Dibromochloromethane	0.0010	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.0010	U	0.0010	mg/kg wet							
Chlorobenzene	0.0010	U	0.0010	mg/kg wet							
1,1,1,2-Tetrachloroethane	0.0010	U	0.0010	mg/kg wet							
Ethylbenzene	0.0010	U	0.0010	mg/kg wet							
m,p-Xylenes	0.0020	U	0.0020	mg/kg wet							
o-Xylene	0.0010	U	0.0010	mg/kg wet							
Styrene	0.0010	U	0.0010	mg/kg wet							
Bromoform	0.0010	U	0.0010	mg/kg wet							
Isopropylbenzene	0.0010	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	mg/kg wet							
Bromobenzene	0.0010	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.0010	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H08009 - EPA 5035_MS

Blank (7H08009-BLK1) Continued Prepared: 08/08/2007 09:43 Analyzed: 08/08/2007 10:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
n-Propyl Benzene	0.0010	U	0.0010	mg/kg wet							
2-Chlorotoluene	0.0010	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.0010	U	0.0010	mg/kg wet							
4-Chlorotoluene	0.0010	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.0010	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.0010	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.0010	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.0010	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.0010	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.0010	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.0010	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.0010	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.0010	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.0010	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.0010	U	0.0010	mg/kg wet							
Naphthalene	0.0010	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.0010	U	0.0010	mg/kg wet							

LCS (7H08009-BS1) Prepared: 08/08/2007 09:43 Analyzed: 08/08/2007 10:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.016		0.0010	mg/kg wet	0.0200		79	22-179			
Benzene	0.024		0.0010	mg/kg wet	0.0200		122	58-130			
Trichloroethene	0.025		0.0010	mg/kg wet	0.0200		124	61-144			
Toluene	0.021		0.0010	mg/kg wet	0.0200		106	58-140			
Chlorobenzene	0.023		0.0010	mg/kg wet	0.0200		113	70-135			

Matrix Spike (7H08009-MS1) Prepared: 08/08/2007 09:43 Analyzed: 08/08/2007 11:48

Source: C711334-12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.015		0.0010	mg/kg wet	0.0200	0.0010 U	76	35-172			
Benzene	0.026		0.0010	mg/kg wet	0.0200	0.0010 U	128	54-133			
Trichloroethene	0.025		0.0010	mg/kg wet	0.0200	0.0010 U	124	27-192			
Toluene	0.022		0.0010	mg/kg wet	0.0200	0.0067	75	59-141			
Chlorobenzene	0.024		0.0010	mg/kg wet	0.0200	0.0010 U	119	63-143			

Matrix Spike Dup (7H08009-MSD1) Prepared: 08/08/2007 09:43 Analyzed: 08/08/2007 12:15

Source: C711334-12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.014		0.0010	mg/kg wet	0.0200	0.0010 U	72	35-172	5	19	
Benzene	0.024		0.0010	mg/kg wet	0.0200	0.0010 U	122	54-133	5	23	
Trichloroethene	0.023		0.0010	mg/kg wet	0.0200	0.0010 U	116	27-192	6	17	
Toluene	0.020		0.0010	mg/kg wet	0.0200	0.0067	64	59-141	11	22	
Chlorobenzene	0.022		0.0010	mg/kg wet	0.0200	0.0010 U	110	63-143	8	24	

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7H08006 - EPA 3550B_MS

Blank (7H08006-BLK1) Prepared: 08/08/2007 08:56 Analyzed: 08/08/2007 20:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.33	U	0.33	mg/kg wet							
1,2-Dichlorobenzene	0.33	U	0.33	mg/kg wet							
1,3-Dichlorobenzene	0.33	U	0.33	mg/kg wet							
1,4-Dichlorobenzene	0.33	U	0.33	mg/kg wet							
1-Methylnaphthalene	0.33	U	0.33	mg/kg wet							
2,4,5-Trichlorophenol	0.33	U	0.33	mg/kg wet							
2,4,6-Trichlorophenol	0.33	U	0.33	mg/kg wet							
2,4-Dichlorophenol	0.33	U	0.33	mg/kg wet							
2,4-Dimethylphenol	0.33	U	0.33	mg/kg wet							
2,4-Dinitrophenol	0.33	U	0.33	mg/kg wet							
2,4-Dinitrotoluene	0.33	U	0.33	mg/kg wet							
2,6-Dinitrotoluene	0.33	U	0.33	mg/kg wet							
2-Chloronaphthalene	0.33	U	0.33	mg/kg wet							
2-Chlorophenol	0.33	U	0.33	mg/kg wet							
2-Methylnaphthalene	0.33	U	0.33	mg/kg wet							
2-Methylphenol	0.33	U	0.33	mg/kg wet							
2-Nitroaniline	0.33	U	0.33	mg/kg wet							
2-Nitrophenol	0.33	U	0.33	mg/kg wet							
3,3'-Dichlorobenzidine	0.33	U	0.33	mg/kg wet							
3 & 4-Methylphenol	0.66	U	0.66	mg/kg wet							
3-Nitroaniline	0.33	U	0.33	mg/kg wet							
2-Methyl-4,6-dinitrophenol	0.33	U	0.33	mg/kg wet							
4-Bromophenyl-phenylether	0.33	U	0.33	mg/kg wet							
4-Chloro-3-methylphenol	0.33	U	0.33	mg/kg wet							
4-Chloroaniline	0.33	U	0.33	mg/kg wet							
4-Chlorophenyl-phenylether	0.33	U	0.33	mg/kg wet							
4-Nitroaniline	0.33	U	0.33	mg/kg wet							
Acenaphthene	0.33	U	0.33	mg/kg wet							
Acenaphthylene	0.33	U	0.33	mg/kg wet							
Anthracene	0.33	U	0.33	mg/kg wet							
Benzo(a)anthracene	0.33	U	0.33	mg/kg wet							
Benzidine	0.33	U	0.33	mg/kg wet							
Benzo(a)pyrene	0.33	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.33	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.33	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.33	U	0.33	mg/kg wet							
Benzoic acid	0.33	U	0.33	mg/kg wet							
Benzyl alcohol	0.33	U	0.33	mg/kg wet							
Bis(2-chloroethoxy)methane	0.33	U	0.33	mg/kg wet							
Bis(2-chloroethyl)ether	0.33	U	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	0.33	U	0.33	mg/kg wet							
Bis(2-ethylhexyl)phthalate	0.33	U	0.33	mg/kg wet							
Butylbenzylphthalate	0.33	U	0.33	mg/kg wet							
Chrysene	0.33	U	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	0.33	U	0.33	mg/kg wet							
Dibenzofuran	0.33	U	0.33	mg/kg wet							
Diethylphthalate	0.33	U	0.33	mg/kg wet							
Dimethylphthalate	0.33	U	0.33	mg/kg wet							
Di-n-butylphthalate	0.33	U	0.33	mg/kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7H08006 - EPA 3550B_MS

Blank (7H08006-BLK1) Continued Prepared: 08/08/2007 08:56 Analyzed: 08/08/2007 20:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Di-n-octylphthalate	0.33	U	0.33	mg/kg wet							
Fluoranthene	0.33	U	0.33	mg/kg wet							
Fluorene	0.33	U	0.33	mg/kg wet							
Hexachlorobenzene	0.33	U	0.33	mg/kg wet							
Hexachlorobutadiene	0.33	U	0.33	mg/kg wet							
Hexachlorocyclopentadiene	0.33	U	0.33	mg/kg wet							
Hexachloroethane	0.33	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.33	U	0.33	mg/kg wet							
Isophorone	0.33	U	0.33	mg/kg wet							
Naphthalene	0.33	U	0.33	mg/kg wet							
Nitrobenzene	0.33	U	0.33	mg/kg wet							
N-Nitrosodimethylamine	0.33	U	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	0.33	U	0.33	mg/kg wet							
Pentachlorobenzene	0.33	U	0.33	mg/kg wet							
Phenanthrene	0.33	U	0.33	mg/kg wet							
Phenol	0.33	U	0.33	mg/kg wet							
Pyrene	0.33	U	0.33	mg/kg wet							
Pyridine	0.33	U	0.33	mg/kg wet							
N-Nitrosodiphenylamine/Diphenylamine	0.33	U	0.33	mg/kg wet							

LCS (7H08006-BS1) Prepared: 08/08/2007 08:56 Analyzed: 08/08/2007 21:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.4		0.33	mg/kg wet	1.67		83	44-110			
1,4-Dichlorobenzene	1.3		0.33	mg/kg wet	1.67		76	37-107			
2,4-Dinitrotoluene	1.4		0.33	mg/kg wet	1.67		83	68-119			
2-Chlorophenol	1.4		0.33	mg/kg wet	1.67		83	43-109			
4-Chloro-3-methylphenol	1.5		0.33	mg/kg wet	1.67		88	59-104			
Acenaphthene	1.5		0.33	mg/kg wet	1.67		90	59-104			
N-Nitroso-di-n-propylamine	1.5		0.33	mg/kg wet	1.67		93	47-131			
Phenol	1.5		0.33	mg/kg wet	1.67		87	39-99			
Pyrene	1.6		0.33	mg/kg wet	1.67		94	45-159			

Matrix Spike (7H08006-MS1) Prepared: 08/08/2007 08:56 Analyzed: 08/08/2007 21:49

Source: C710914-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.9		0.41	mg/kg dry	2.05	0.41 U	92	40-118			
1,4-Dichlorobenzene	1.8		0.41	mg/kg dry	2.05	0.41 U	88	41-102			
2,4-Dinitrotoluene	2.0		0.41	mg/kg dry	2.05	0.41 U	99	48-150			
2-Chlorophenol	2.0		0.41	mg/kg dry	2.05	0.41 U	95	45-107			
4-Chloro-3-methylphenol	2.0		0.41	mg/kg dry	2.05	0.41 U	97	58-110			
Acenaphthene	2.2		0.41	mg/kg dry	2.05	0.41 U	105	26-153			
N-Nitroso-di-n-propylamine	2.2		0.41	mg/kg dry	2.05	0.41 U	107	27-152			
Phenol	2.1		0.41	mg/kg dry	2.05	0.41 U	100	43-95			QM-07
Pyrene	2.0		0.41	mg/kg dry	2.05	0.41 U	100	28-154			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7H08006 - EPA 3550B_MS

Matrix Spike Dup (7H08006-MSD1) Prepared: 08/08/2007 08:56 Analyzed: 08/08/2007 22:18

Source: C710914-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.9		0.41	mg/kg dry	2.06	0.41 U	90	40-118	1	30	
1,4-Dichlorobenzene	1.8		0.41	mg/kg dry	2.06	0.41 U	86	41-102	2	25	
2,4-Dinitrotoluene	2.0		0.41	mg/kg dry	2.06	0.41 U	99	48-150	0.03	24	
2-Chlorophenol	1.9		0.41	mg/kg dry	2.06	0.41 U	94	45-107	1	22	
4-Chloro-3-methylphenol	2.1		0.41	mg/kg dry	2.06	0.41 U	101	58-110	4	20	
Acenaphthene	2.1		0.41	mg/kg dry	2.06	0.41 U	104	26-153	0.8	25	
N-Nitroso-di-n-propylamine	2.2		0.41	mg/kg dry	2.06	0.41 U	108	27-152	1	31	
Phenol	2.1		0.41	mg/kg dry	2.06	0.41 U	101	43-95	1	22	QM-07
Pyrene	2.4		0.41	mg/kg dry	2.06	0.41 U	115	28-154	15	32	

Gasoline Range Organics by GC - Quality Control

Batch 7H09010 - EPA 5030B

Blank (7H09010-BLK1) Prepared: 08/09/2007 10:35 Analyzed: 08/09/2007 11:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	0.73	UD	5.5	mg/kg wet							
Surrogate: 2,5-Dibromotoluene	*4.0*			*mg/L*	*10.0*		*40*	*28-139*			

LCS (7H09010-BS1) Prepared: 08/09/2007 10:35 Analyzed: 08/09/2007 12:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	45	D	5.5	mg/kg wet	48.6		93	51-115			
Surrogate: 2,5-Dibromotoluene	*4.4*			*mg/L*	*10.0*		*44*	*28-139*			

Matrix Spike (7H09010-MS1) Prepared: 08/09/2007 10:35 Analyzed: 08/09/2007 14:57

Source: C711334-16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	50	D	5.5	mg/kg wet	51.5	2.1	93	45-162			
Surrogate: 2,5-Dibromotoluene	*7.9*			*mg/L*	*10.0*		*79*	*28-139*			

Matrix Spike Dup (7H09010-MSD1) Prepared: 08/09/2007 10:35 Analyzed: 08/09/2007 15:28

Source: C711334-16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	49	D	5.5	mg/kg wet	50.3	2.1	93	45-162	2	24	
Surrogate: 2,5-Dibromotoluene	*6.7*			*mg/L*	*10.0*		*67*	*28-139*			

Diesel Range Organics by GC - Quality Control

Batch 7H07008 - EPA 3550B

Blank (7H07008-BLK1) Prepared: 08/07/2007 08:52 Analyzed: 08/08/2007 14:09

QUALITY CONTROL

Diesel Range Organics by GC - Quality Control

Batch 7H07008 - EPA 3550B

Blank (7H07008-BLK1) Continued Prepared: 08/07/2007 08:52 Analyzed: 08/08/2007 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C24)	3.3	U	3.3	mg/kg wet							
Surrogate: o-Terphenyl	*1.58*			*mg/kg wet*	*1.67*		*95*	*34-140*			

LCS (7H07008-BS1) Prepared: 08/07/2007 08:52 Analyzed: 08/08/2007 14:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C24)	28.6		3.3	mg/kg wet	33.3		86	65-113			
Surrogate: o-Terphenyl	*1.61*			*mg/kg wet*	*1.67*		*97*	*34-140*			

Matrix Spike (7H07008-MS1) Prepared: 08/07/2007 08:52 Analyzed: 08/08/2007 15:07

Source: C710914-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C24)	34.6		4.0	mg/kg dry	40.6	5.7	71	65-113			
Surrogate: o-Terphenyl	*1.62*			*mg/kg dry*	*2.03*		*80*	*34-140*			

Matrix Spike Dup (7H07008-MSD1) Prepared: 08/07/2007 08:52 Analyzed: 08/08/2007 15:36

Source: C710914-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C24)	46.5		4.0	mg/kg dry	40.6	5.7	100	65-113	29	31	
Surrogate: o-Terphenyl	*1.91*			*mg/kg dry*	*2.03*		*94*	*34-140*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7H06012 - EPA 3050B

Blank (7H06012-BLK1) Prepared: 08/06/2007 10:08 Analyzed: 08/08/2007 15:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Manganese	0.500	U	0.500	mg/kg wet							
Antimony	0.50	U	0.50	mg/kg wet							
Arsenic	0.50	U	0.50	mg/kg wet							
Beryllium	0.050	U	0.050	mg/kg wet							
Cadmium	0.050	U	0.050	mg/kg wet							
Chromium	0.50	U	0.50	mg/kg wet							
Copper	0.500	U	0.500	mg/kg wet							
Lead	0.50	U	0.50	mg/kg wet							
Nickel	0.50	U	0.50	mg/kg wet							
Selenium	0.50	U	0.50	mg/kg wet							
Silver	0.50	U	0.50	mg/kg wet							
Thallium	0.50	U	0.50	mg/kg wet							
Zinc	0.500	U	0.500	mg/kg wet							

LCS (7H06012-BS1) Prepared: 08/06/2007 10:08 Analyzed: 08/08/2007 15:09

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QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7H06012 - EPA 3050B

LCS (7H06012-BS1) Continued Prepared: 08/06/2007 10:08 Analyzed: 08/08/2007 15:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Manganese	0.248		0.010	mg/L	0.250		99	85-115			
Antimony	0.24		0.01	mg/L	0.250		96	85-116			
Arsenic	0.48		0.01	mg/L	0.500		96	77-125			
Beryllium	0.253		0.001	mg/L	0.250		101	83-121			
Cadmium	0.255		0.001	mg/L	0.250		102	76-123			
Chromium	0.50		0.01	mg/L	0.500		100	81-121			
Copper	0.247		0.010	mg/L	0.250		99	81-119			
Lead	0.48		0.01	mg/L	0.500		96	79-127			
Nickel	0.50		0.01	mg/L	0.500		101	80-118			
Selenium	0.48		0.01	mg/L	0.500		96	71-118			
Silver	0.04		0.01	mg/L	0.0500		89	78-128			
Thallium	0.239		0.01	mg/L	0.250		96	86-111			
Zinc	0.497		0.010	mg/L	0.500		99	76-128			

Matrix Spike (7H06012-MS1) Prepared: 08/06/2007 10:08 Analyzed: 08/08/2007 15:27

Source: C710914-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Manganese	1.81		0.010	mg/L	0.250	1.50	123	75-125			
Antimony	0.12		0.01	mg/L	0.250	-0.003	49	52-147			QM-07
Arsenic	0.38		0.01	mg/L	0.500	-0.06	89	53-153			
Beryllium	0.242		0.001	mg/L	0.250	-0.003	98	41-133			
Cadmium	0.181		0.001	mg/L	0.250	-0.060	97	49-115			
Chromium	0.52		0.01	mg/L	0.500	0.05	92	19-142			
Copper	0.254		0.010	mg/L	0.250	-0.004	103	35-137			
Lead	0.49		0.01	mg/L	0.500	0.05	87	48-121			
Nickel	0.48		0.01	mg/L	0.500	0.004	95	43-121			
Selenium	0.33		0.01	mg/L	0.500	-0.10	87	43-126			
Silver	-0.0003	U	0.01	mg/L	0.0500	-0.04	90	36-133			QM-05
Thallium	0.168		0.01	mg/L	0.250	-0.0689	95	58-118			
Zinc	0.700		0.010	mg/L	0.500	0.203	99	37-138			

Matrix Spike Dup (7H06012-MSD1) Prepared: 08/06/2007 10:08 Analyzed: 08/08/2007 15:34

Source: C710914-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Manganese	1.68		0.010	mg/L	0.250	1.50	72	75-125	7	20	QM-07
Antimony	0.11		0.01	mg/L	0.250	-0.003	45	52-147	9	28	QM-07
Arsenic	0.38		0.01	mg/L	0.500	-0.06	88	53-153	1	22	
Beryllium	0.238		0.001	mg/L	0.250	-0.003	96	41-133	2	26	
Cadmium	0.178		0.001	mg/L	0.250	-0.060	95	49-115	2	24	
Chromium	0.53		0.01	mg/L	0.500	0.05	96	19-142	3	24	
Copper	0.244		0.010	mg/L	0.250	-0.004	99	35-137	4	12	
Lead	0.49		0.01	mg/L	0.500	0.05	87	48-121	0.4	26	
Nickel	0.48		0.01	mg/L	0.500	0.004	94	43-121	0.9	14	
Selenium	0.32		0.01	mg/L	0.500	-0.10	86	43-126	2	14	
Silver	0.001		0.01	mg/L	0.0500	-0.04	92	36-133		20	QM-05
Thallium	0.162		0.01	mg/L	0.250	-0.0689	92	58-118	4	14	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7H06012 - EPA 3050B

Matrix Spike Dup (7H06012-MSD1) Continued Prepared: 08/06/2007 10:08 Analyzed: 08/08/2007 15:34

Source: C710914-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Zinc	0.677		0.010	mg/L	0.500	0.203	95	37-138	3	19	

Classical Chemistry Parameters - Quality Control

Batch 7H08004 - % Solids

Duplicate (7H08004-DUP1) Prepared: 08/08/2007 08:30 Analyzed: 08/08/2007 14:21

Source: C710914-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
% Solids	68		0.1	% by Weight		69			1	10	

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 7H07011 - EPA 7471A

Blank (7H07011-BLK1) Prepared: 08/07/2007 14:44 Analyzed: 08/08/2007 09:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.010	U	0.010	mg/kg wet							

LCS (7H07011-BS1) Prepared: 08/07/2007 14:44 Analyzed: 08/08/2007 09:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.259		0.010	mg/kg wet	0.250		103	90-110			

Matrix Spike (7H07011-MS1) Prepared: 08/07/2007 14:44 Analyzed: 08/08/2007 09:26

Source: C710914-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.375		0.015	mg/kg dry	0.363	0.0161	99	90-110			

Matrix Spike Dup (7H07011-MSD1) Prepared: 08/07/2007 14:44 Analyzed: 08/08/2007 09:29

Source: C710914-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.378		0.015	mg/kg dry	0.363	0.0161	100	90-110	0.6	10	

Post Spike (7H07011-PS1) Prepared: 08/08/2007 06:00 Analyzed: 08/08/2007 09:33

Source: C710914-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.81		0.200	ug/L	5.39	0.209	104	0-200			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr. Orlando, FL 32824 (407) 826-5314 Fax (407) 850-6945
4810 Executive Park Court, Suite 211 Jacksonville, FL 32216-6059 (904) 296-3007 Fax (904) 296-6210
1015 Passport Way Cary, NC 27513 (919) 677-1669 Fax (919) 677-9346

Client Name: Hart & Hickman, LLC (HA001)	Project Number: ~~[illegible]~~ USP-001
Address: 2923 South Tryon Street, Suite 100	Project Name/Desc: BASF
City/ST/Zip: Charlotte, NC 28203	PO # / Billing Info:
Tel: (704) 586-0007 Fax:	Reporting Contact: James Wellons
Sampler(s) Name, Affiliation (Print): Johny Mayer / Hart	Billing Contact: James Wellons
Sampler(s) Sig:	Facility # (if required):

Requested Analyses: 8260B; 8260B; 8260B, VPH Aliph, VPH Arom; 8270C; 8270C Ag, Cd, Cr, Cu, Hg, Mn, Ni, Pb, Se, Sulfide, Dry Weight, Tl, Zn; 8315A Formaldehyde, ~~BHC GA LUFT Solids, Dry Weight~~; As, Be, Sb; EPH Aliph, EPH Arom; GRO CA-LUFT; DRO CA LUFT, Solids, Dry Weight

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. X Standard ___ Expedited Due ___/___/___

Lab Workorder: C710914

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B	8260B	8260B, VPH Aliph, VPH Arom	8270C	8270C Ag, Cd, Cr, Cu, Hg, Mn, Ni, Pb, Se, Sulfide, Dry Weight, Tl, Zn	8315A Formaldehyde, ~~BHC GA LUFT Solids, Dry Weight~~	As, Be, Sb	EPH Aliph, EPH Arom	GRO CA-LUFT	DRO CA LUFT, Solids, Dry Weight	Sample Comments
	ID: SB-4 (1-3)	8-3-07	1300	Grab	Soil	4	X				X		X				
	ID: SB-5 (1-3)	8-3-07	1315	Grab	Soil	4	X				X		X				1 Starker VOA 8-4-07
	ID: SB-6 (8-10)	8-3-07	1330	Grab	Soil	4	X				X		X				
	ID: SB-7 (8-10)	8-3-07	1340	Grab	Soil	4	X				X		X				
	ID: SB-8 (8-10)	8-3-07	1350	Grab	Soil	4	X				X		X				
	ID: SB-9 (13-15)	8-3-07	1400	Grab	Soil	4	X				X	X	X				
	ID: SB-10 (13-15)	8-3-07	1420	Grab	Soil	4	X				X	X	X				
	ID: SB-11 (13-15)	8-3-07	1500	Grab	Soil	4	X				X	X	X				
	ID: SB-1 (3-5)	8-3-07	900	Grab	Soil	3						~~X~~			X		
	ID: SB-2 (10-12)	8-3-07	930	Grab	Soil	3						~~X~~			X		
	ID: SB-3 (10-12)	8-3-07	1000	Grab	Soil	3						~~X~~			X		
	ID:				~~Water~~	~~2~~			~~X~~	~~X~~				~~X~~			

← Total # of Containers

Sample(s) Prepared By: CARY	Date/Time: 7/24/07 1600	Relinquished By:	Date/Time: 8-3-07 / 1830	Received By:	Date/Time: 8-4-07 10:45
Comments:		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler # & Temp. on Receipt: 2.1°C		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: HCL HNO3 H2SO4 NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with our terms and conditions listed on the reverse of this form, unless prior written agreements exist.

www.encolabs.com

Ms. Stephanie Franz
ENCO
102-A Woodwinds Industrial Ct.
Cary NC 27511

Report Number: G346-68

Client Project: C710914
Report Revised: August 27, 2007

Dear Ms. Franz:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.

Craig R. Thomas 8/27/07
Laboratory Director Date
J. Patrick Weaver

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.030606.3

SGS ENVIRONMENTAL SERVICES, INC.

Results for Organics
by EPA 8315

Client Sample ID:	C710914-06	Analyzed By:	DCS
Client Project ID:	C710914	Date Collected:	8/3/2007 14:00
Lab Sample ID:	g346-68-1b	Date Received:	8/7/2007
Lab Project ID:	G346-68	Matrix:	Soil
Report Basis:	Dry Weight	% Solids:	82.0

Compound	Result mg/KG	Quantitation Limit mg/KG	Dilution Factor	Date Analyzed
Formaldehyde	BQL	6.10	1	8/9/2007

Reviewed By:

8315

SGS ENVIRONMENTAL SERVICES, INC.

Results for Organics
by EPA 8315

Client Sample ID:	C710914-07	Analyzed By:	DCS
Client Project ID:	C710914	Date Collected:	8/3/2007 14:20
Lab Sample ID:	g346-68-2b	Date Received:	8/7/2007
Lab Project ID:	G346-68	Matrix:	Soil
Report Basis:	Dry Weight	% Solids:	74.9

Compound	Result mg/KG	Quantitation Limit mg/KG	Dilution Factor	Date Analyzed
Formaldehyde	BQL	6.68	1	8/9/2007

Reviewed By:

8315

SGS ENVIRONMENTAL SERVICES, INC.

Results for Organics
by EPA 8315

Client Sample ID:	C710914-08	Analyzed By:	DCS
Client Project ID:	C710914	Date Collected:	8/3/2007 15:00
Lab Sample ID:	g346-68-3b	Date Received:	8/7/2007
Lab Project ID:	G346-68	Matrix:	Soil
Report Basis:	Dry Weight	% Solids:	78.4

Compound	Result mg/KG	Quantitation Limit mg/KG	Dilution Factor	Date Analyzed
Formaldehyde	BQL	6.38	1	8/9/2007

Reviewed By:

8315

SGS ENVIRONMENTAL SERVICES, INC.

SUBCONTRACT ORDER

ENCO Cary

C710914

sfranz@encolabs.com

G 346-68

SENDING LABORATORY:

ENCO Cary
102-A Woodwinds Industrial Court
Cary, NC 27511
Phone: 919.467.3090
Fax: 919.467.3515
Project Manager: Stephanie Franz

RECEIVING LABORATORY:

MISC FARM LAB
1
2, 3 4
Phone :999
Fax: 999

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: C710914-06	**Soil**	**Sampled:03-Aug-07 14:00**		**MUST MEEET TAT-NO MISTAKES!**
8315A Formaldehyde *Containers Supplied:* 4ozjar (E)	10-Aug-07 15:00	17-Aug-07 14:00		
Sample ID: C710914-07	**Soil**	**Sampled:03-Aug-07 14:20**		**MUST MEEET TAT-NO MISTAKES!**
8315A Formaldehyde *Containers Supplied:* 4ozjar (E)	10-Aug-07 15:00	17-Aug-07 14:20		
Sample ID: C710914-08	**Soil**	**Sampled:03-Aug-07 15:00**		**MUST MEEET TAT-NO MISTAKES!**
8315A Formaldehyde *Containers Supplied:* 4ozjar (E)	10-Aug-07 15:00	17-Aug-07 15:00		
Sample ID: C710914-09	**Soil**	**Sampled:03-Aug-07 09:00**		**MUST MEEET TAT-NO MISTAKES!**
~~8315A Formaldehyde~~ ~~*Containers Supplied:*~~ ~~4ozjar (B)~~	10-Aug-07 15:00	17-Aug-07 09:00		
Sample ID: C710914-10	**Soil**	**Sampled:03-Aug-07 09:30**		**MUST MEEET TAT-NO MISTAKES!**
~~8315A Formaldehyde~~ ~~*Containers Supplied:*~~ ~~4ozjar (B)~~	10-Aug-07 15:00	17-Aug-07 09:30		
Sample ID: C710914-11	**Soil**	**Sampled:03-Aug-07 10:00**		**MUST MEEET TAT-NO MISTAKES!**
~~8315A Formaldehyde~~ ~~*Containers Supplied:*~~ ~~4ozjar (B)~~	10-Aug-07 15:00	17-Aug-07 10:00		

Released By	Date	Received By	Date
[illegible]	8/6/07	[illegible]	8/7/07 3.2°C 1005 Coolers Breaked
Released By	Date	Received By	Date

Page 1 of 1

N.C. CERTIFICATION #481

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Friday, August 17, 2007

Hart & Hickman, LLC (HA001)

Attn: James Wellons

2923 South Tryon Street, Suite 100

Charlotte, NC 28203

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: BASF
ENCO Workorder: C711600

Dear James Wellons,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, August 9, 2007.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 25.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: TW-1 (H&H)	Lab ID: C711600-01		Sampled: 08/07/07 14:00	Received: 08/09/07 11:00
Parameter	**Hold Date/Time(s)**		**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	08/21/07		08/15/07 11:29	8/15/2007 15:29
MAEPH	08/21/07	09/24/07	08/15/07 11:25	8/15/2007 19:53
MAEPH	08/21/07	09/24/07	08/15/07 11:27	8/15/2007 22:33
MAVPH	08/21/07		08/13/07 12:34	8/13/2007 19:10

Client ID: TW-1 (H&H) - 2	Lab ID: C711600-02		Sampled: 08/08/07 09:30	Received: 08/09/07 11:00
Parameter	**Hold Date/Time(s)**		**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8270C	08/15/07	09/19/07	08/10/07 09:00	8/11/2007 02:02

Client ID: Trip Blank	Lab ID: C711600-03		Sampled: 08/08/07 00:00	Received: 08/09/07 11:00
Parameter	**Hold Date/Time(s)**		**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	08/22/07		08/14/07 09:53	8/14/2007 20:09

SAMPLE DETECTION SUMMARY

Client ID: TW-1 (H&H)			Lab ID: C711600-01			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**	**Notes**
Chloromethane	1.2		1.0	ug/L	EPA 8260B	

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ANALYTICAL RESULTS

Description: TW-1 (H&H)
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-01
Sampled: 08/07/07 14:00
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	1.0	U	ug/L	1	0.16	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,1,1-Trichloroethane [71-55-6] *	1.0	U	ug/L	1	0.24	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	1.0	U	ug/L	1	0.27	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,1,2-Trichloroethane [79-00-5] *	1.0	U	ug/L	1	0.24	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,1-Dichloroethane [75-34-3] *	1.0	U	ug/L	1	0.090	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,1-Dichloroethene [75-35-4] *	1.0	U	ug/L	1	0.14	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,1-Dichloropropene [563-58-6] *	1.0	U	ug/L	1	0.13	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	1.0	U	ug/L	1	0.28	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2,3-Trichloropropane [96-18-4] *	1.0	U	ug/L	1	0.32	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	1.0	U	ug/L	1	0.14	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	1.0	U	ug/L	1	0.096	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	1.0	U	ug/L	1	0.19	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2-Dibromoethane [106-93-4] *	1.0	U	ug/L	1	0.19	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2-Dichlorobenzene [95-50-1] *	1.0	U	ug/L	1	0.17	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2-Dichloroethane [107-06-2] *	1.0	U	ug/L	1	0.36	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,2-Dichloropropane [78-87-5] *	1.0	U	ug/L	1	0.18	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	1.0	U	ug/L	1	0.11	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,3-Dichlorobenzene [541-73-1] *	1.0	U	ug/L	1	0.15	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,3-Dichloropropane [142-28-9] *	1.0	U	ug/L	1	0.18	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
1,4-Dichlorobenzene [106-46-7] *	1.0	U	ug/L	1	0.15	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
2,2-Dichloropropane [594-20-7] *	1.0	U	ug/L	1	0.16	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
2-Butanone [78-93-3] *	5.0	U	ug/L	1	0.56	5.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	1.0	U	ug/L	1	0.79	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
2-Chlorotoluene [95-49-8] *	1.0	U	ug/L	1	0.13	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
2-Hexanone [591-78-6] *	5.0	U	ug/L	1	0.24	5.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
4-Chlorotoluene [106-43-4] *	1.0	U	ug/L	1	0.20	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
4-Isopropyltoluene [99-87-6] *	1.0	U	ug/L	1	0.074	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
4-Methyl-2-pentanone [108-10-1] *	5.0	U	ug/L	1	0.36	5.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Acetone [67-64-1] *	5.0	U	ug/L	1	0.90	5.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Benzene [71-43-2] *	1.0	U	ug/L	1	0.12	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Bromobenzene [108-86-1] *	1.0	U	ug/L	1	0.23	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Bromochloromethane [74-97-5] *	1.0	U	ug/L	1	0.19	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Bromodichloromethane [75-27-4] *	1.0	U	ug/L	1	0.19	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Bromoform [75-25-2] *	1.0	U	ug/L	1	0.36	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Bromomethane [74-83-9] *	1.0	U	ug/L	1	0.21	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Carbon disulfide [75-15-0] *	5.0	U	ug/L	1	0.12	5.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Carbon tetrachloride [56-23-5] *	1.0	U	ug/L	1	0.38	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Chlorobenzene [108-90-7] *	1.0	U	ug/L	1	0.16	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Chloroethane [75-00-3] *	1.0	U	ug/L	1	0.40	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Chloroform [67-66-3] *	1.0	U	ug/L	1	0.16	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Chloromethane [74-87-3] *	**1.2**		ug/L	1	0.18	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
cis-1,2-Dichloroethene [156-59-2] *	1.0	U	ug/L	1	0.14	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	1.0	U	ug/L	1	0.16	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Dibromochloromethane [124-48-1] *	1.0	U	ug/L	1	0.18	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Dibromomethane [74-95-3] *	1.0	U	ug/L	1	0.14	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Dichlorodifluoromethane [75-71-8] *	1.0	U	ug/L	1	0.14	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Ethylbenzene [100-41-4] *	1.0	U	ug/L	1	0.17	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Hexachlorobutadiene [87-68-3] *	1.0	U	ug/L	1	0.33	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	

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Description: TW-1 (H&H)
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-01
Sampled: 08/07/07 14:00
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] *	1.0	U	ug/L	1	0.10	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	2.0	U	ug/L	1	0.21	2.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Methylene chloride [75-09-2] *	2.0	U	ug/L	1	0.088	2.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Methyl-tert-Butyl Ether [1634-04-4] *	1.0	U	ug/L	1	0.10	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Naphthalene [91-20-3] *	1.0	U	ug/L	1	0.25	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
n-Butyl Benzene [104-51-8] *	1.0	U	ug/L	1	0.11	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
n-Propyl Benzene [103-65-1] *	1.0	U	ug/L	1	0.13	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
o-Xylene [95-47-6] *	1.0	U	ug/L	1	0.14	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
sec-Butylbenzene [135-98-8] *	1.0	U	ug/L	1	0.082	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Styrene [100-42-5] *	1.0	U	ug/L	1	0.12	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
tert-Butylbenzene [98-06-6] *	1.0	U	ug/L	1	0.16	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Tetrachloroethene [127-18-4] *	1.0	U	ug/L	1	0.25	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Toluene [108-88-3] *	1.0	U	ug/L	1	0.15	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
trans-1,2-Dichloroethene [156-60-5] *	1.0	U	ug/L	1	0.10	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.20	U	ug/L	1	0.18	0.20	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Trichloroethene [79-01-6] *	1.0	U	ug/L	1	0.23	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Trichlorofluoromethane [75-69-4] *	1.0	U	ug/L	1	0.16	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	
Vinyl chloride [75-01-4] *	1.0	U	ug/L	1	0.15	1.0	7H15014	EPA 8260B	08/15/07 15:29	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*87 %*	*53-138*	*7H15014*	*EPA 8260B*	*08/15/07 15:29*	*jkg*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*65-110*	*7H15014*	*EPA 8260B*	*08/15/07 15:29*	*jkg*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*72-114*	*7H15014*	*EPA 8260B*	*08/15/07 15:29*	*jkg*	

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Description: TW-1 (H&H)
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-01
Sampled: 08/07/07 14:00
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Volatile Petroleum Hydrocarbons by GC

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
C5-C8 Aliphatics [NA] *	20	U	ug/L	1	3.0	20	7H13016	MAVPH	08/13/07 19:10	bpk	
C9-C10 Aromatics [NA] *	20	U	ug/L	1	10	20	7H13016	MAVPH	08/13/07 19:10	bpk	
C9-C12 Aliphatics [NA] *	30	U	ug/L	1	28	30	7H13016	MAVPH	08/13/07 19:10	bpk	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,5-Dibromotoluene (FID)	*120*	*1*	*100*	*118 %*	*70-130*	*7H13016*	*MAVPH*	*08/13/07 19:10*	*bpk*	
2,5-Dibromotoluene (PID)	*83*	*1*	*100*	*83 %*	*70-130*	*7H13016*	*MAVPH*	*08/13/07 19:10*	*bpk*	

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Description: TW-1 (H&H)
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-01
Sampled: 08/07/07 14:00
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Extractable Petroleum Hydrocarbons by GC

** - ENCO Jacksonville certified analyte [NC 442]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
C11-C22 Aromatics [NA] *	100	U	ug/L	1	8	100	7H15005	MAEPH	08/15/07 22:33	PL	
C19-C36 Aliphatics [NA] *	500	U	ug/L	1	30	500	7H15004	MAEPH	08/15/07 19:53	PL	
C9-C18 Aliphatics [NA] *	500	U	ug/L	1	50	500	7H15004	MAEPH	08/15/07 19:53	PL	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2-Bromonaphthalene	*34*	*1*	*40.0*	*85 %*	*40-140*	*7H15005*	*MAEPH*	*08/15/07 22:33*	*PL*	
2-Fluorobiphenyl	*40*	*1*	*40.0*	*100 %*	*40-140*	*7H15005*	*MAEPH*	*08/15/07 22:33*	*PL*	
Chloro-octadecane	*160*	*1*	*200*	*78 %*	*40-140*	*7H15004*	*MAEPH*	*08/15/07 19:53*	*PL*	
o-Terphenyl	*37*	*1*	*40.0*	*93 %*	*40-140*	*7H15005*	*MAEPH*	*08/15/07 22:33*	*PL*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: TW-1 (H&H) - 2
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-02
Sampled: 08/08/07 09:30
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] *	10	U	ug/L	1	2.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
1,2-Dichlorobenzene [95-50-1] *	10	U	ug/L	1	2.3	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
1,3-Dichlorobenzene [541-73-1] *	10	U	ug/L	1	2.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
1,4-Dichlorobenzene [106-46-7] *	10	U	ug/L	1	2.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
1-Methylnaphthalene [90-12-0] *	10	U	ug/L	1	1.8	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2,4,5-Trichlorophenol [95-95-4] *	10	U	ug/L	1	1.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2,4,6-Trichlorophenol [88-06-2] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2,4-Dichlorophenol [120-83-2] *	10	U	ug/L	1	1.6	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2,4-Dimethylphenol [105-67-9] *	10	U	ug/L	1	3.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2,4-Dinitrophenol [51-28-5] *	10	U	ug/L	1	1.7	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2,4-Dinitrotoluene [121-14-2] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2,6-Dinitrotoluene [606-20-2] *	10	U	ug/L	1	1.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2-Chloronaphthalene [91-58-7] *	10	U	ug/L	1	1.6	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2-Chlorophenol [95-57-8] *	10	U	ug/L	1	2.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2-Methylnaphthalene [91-57-6] *	10	U	ug/L	1	2.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2-Methylphenol [95-48-7] *	10	U	ug/L	1	2.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2-Nitroaniline [88-74-4] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
2-Nitrophenol [88-75-5] *	10	U	ug/L	1	1.8	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
3 & 4-Methylphenol	20	U	ug/L	1	1.9	20	7H10008	EPA 8270C	08/11/07 02:02	DFM	
3,3'-Dimethylbenzidine [119-93-7] *	10	U	ug/L	1	3.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
3-Nitroaniline [99-09-2] *	10	U	ug/L	1	1.6	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
4-Bromophenyl-phenylether [101-55-3] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
4-Chloro-3-methylphenol [59-50-7] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
4-Chloroaniline [106-47-8] *	10	U	ug/L	1	1.6	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
4-Chlorophenyl-phenylether [7005-72-3] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
4-Nitroaniline [100-01-6] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
4-Nitrophenol [100-02-7] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Acenaphthene [83-32-9] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Acenaphthylene [208-96-8] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Anthracene [120-12-7] *	10	U	ug/L	1	0.90	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzidine [92-87-5] *	10	U	ug/L	1	1.5	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzo(a)anthracene [56-55-3] *	10	U	ug/L	1	1.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzo(a)pyrene [50-32-8] *	10	U	ug/L	1	1.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzo(b)fluoranthene [205-99-2] *	10	U	ug/L	1	0.70	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzo(g,h,i)perylene [191-24-2] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzo(k)fluoranthene [207-08-9] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzoic acid [65-85-0] *	10	U	ug/L	1	4.3	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Benzyl alcohol [100-51-6] *	10	U	ug/L	1	1.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Bis(2-chloroethoxy)methane [111-91-1] *	10	U	ug/L	1	2.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Bis(2-chloroethyl)ether [111-44-4] *	10	U	ug/L	1	2.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] *	10	U	ug/L	1	2.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] *	10	U	ug/L	1	1.9	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Butylbenzylphthalate [85-68-7] *	10	U	ug/L	1	1.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Chrysene [218-01-9] *	10	U	ug/L	1	1.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Dibenzo(a,h)anthracene [53-70-3] *	10	U	ug/L	1	1.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Dibenzofuran [132-64-9] *	10	U	ug/L	1	1.3	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Diethylphthalate [84-66-2] *	10	U	ug/L	1	1.3	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Dimethylphthalate [131-11-3] *	10	U	ug/L	1	1.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Di-n-butylphthalate [84-74-2] *	10	U	ug/L	1	1.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Di-n-octylphthalate [117-84-0] *	10	U	ug/L	1	2.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	

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Description: TW-1 (H&H) - 2
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-02
Sampled: 08/08/07 09:30
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Semivolatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] *	10	U	ug/L	1	1.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Fluorene [86-73-7] *	10	U	ug/L	1	1.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Hexachlorobenzene [118-74-1] *	10	U	ug/L	1	1.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Hexachlorobutadiene [87-68-3] *	10	U	ug/L	1	2.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Hexachlorocyclopentadiene [77-47-4] *	10	U	ug/L	1	2.0	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Hexachloroethane [67-72-1] *	10	U	ug/L	1	2.4	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Isophorone [78-59-1] *	10	U	ug/L	1	1.8	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Naphthalene [91-20-3] *	10	U	ug/L	1	2.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Nitrobenzene [98-95-3] *	10	U	ug/L	1	1.9	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
N-Nitrosodimethylamine [62-75-9] *	10	U	ug/L	1	1.9	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
N-Nitroso-di-n-propylamine [621-64-7] *	10	U	ug/L	1	2.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	10	U	ug/L	1	1.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Pentachlorophenol [87-86-5] *	10	U	ug/L	1	1.2	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Phenanthrene [85-01-8] *	10	U	ug/L	1	0.90	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Phenol [108-95-2] *	10	U	ug/L	1	1.5	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Pyrene [129-00-0] *	10	U	ug/L	1	1.3	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	
Pyridine [110-86-1] *	10	U	ug/L	1	2.1	10	7H10008	EPA 8270C	08/11/07 02:02	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	**Notes**
2,4,6-Tribromophenol	*84*	*1*	*100*	*84 %*	*45-131*	*7H10008*	*EPA 8270C*	*08/11/07 02:02*	*DFM*	
2-Fluorobiphenyl	*37*	*1*	*50.0*	*73 %*	*47-102*	*7H10008*	*EPA 8270C*	*08/11/07 02:02*	*DFM*	
2-Fluorophenol	*49*	*1*	*100*	*49 %*	*15-101*	*7H10008*	*EPA 8270C*	*08/11/07 02:02*	*DFM*	
Nitrobenzene-d5	*38*	*1*	*50.0*	*77 %*	*41-102*	*7H10008*	*EPA 8270C*	*08/11/07 02:02*	*DFM*	
Phenol-d5	*35*	*1*	*100*	*35 %*	*10-97*	*7H10008*	*EPA 8270C*	*08/11/07 02:02*	*DFM*	
Terphenyl-d14	*43*	*1*	*50.0*	*86 %*	*73-132*	*7H10008*	*EPA 8270C*	*08/11/07 02:02*	*DFM*	

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Description: Trip Blank
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-03
Sampled: 08/08/07 00:00
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] *	1.0	U	ug/L	1	0.16	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,1,1-Trichloroethane [71-55-6] *	1.0	U	ug/L	1	0.24	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] *	1.0	U	ug/L	1	0.27	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,1,2-Trichloroethane [79-00-5] *	1.0	U	ug/L	1	0.24	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,1-Dichloroethane [75-34-3] *	1.0	U	ug/L	1	0.090	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,1-Dichloroethene [75-35-4] *	1.0	U	ug/L	1	0.14	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,1-Dichloropropene [563-58-6] *	1.0	U	ug/L	1	0.13	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2,3-Trichlorobenzene [87-61-6] *	1.0	U	ug/L	1	0.28	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2,3-Trichloropropane [96-18-4] *	1.0	U	ug/L	1	0.32	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2,4-Trichlorobenzene [120-82-1] *	1.0	U	ug/L	1	0.14	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2,4-Trimethylbenzene [95-63-6] *	1.0	U	ug/L	1	0.096	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] *	1.0	U	ug/L	1	0.19	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2-Dibromoethane [106-93-4] *	1.0	U	ug/L	1	0.19	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2-Dichlorobenzene [95-50-1] *	1.0	U	ug/L	1	0.17	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2-Dichloroethane [107-06-2] *	1.0	U	ug/L	1	0.36	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,2-Dichloropropane [78-87-5] *	1.0	U	ug/L	1	0.18	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,3,5-Trimethylbenzene [108-67-8] *	1.0	U	ug/L	1	0.11	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,3-Dichlorobenzene [541-73-1] *	1.0	U	ug/L	1	0.15	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,3-Dichloropropane [142-28-9] *	1.0	U	ug/L	1	0.18	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
1,4-Dichlorobenzene [106-46-7] *	1.0	U	ug/L	1	0.15	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
2,2-Dichloropropane [594-20-7] *	1.0	U	ug/L	1	0.16	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
2-Butanone [78-93-3] *	5.0	U	ug/L	1	0.56	5.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] *	1.0	U	ug/L	1	0.79	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
2-Chlorotoluene [95-49-8] *	1.0	U	ug/L	1	0.13	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
2-Hexanone [591-78-6] *	5.0	U	ug/L	1	0.24	5.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
4-Chlorotoluene [106-43-4] *	1.0	U	ug/L	1	0.20	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
4-Isopropyltoluene [99-87-6] *	1.0	U	ug/L	1	0.074	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
4-Methyl-2-pentanone [108-10-1] *	5.0	U	ug/L	1	0.36	5.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Acetone [67-64-1] *	5.0	U	ug/L	1	0.90	5.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Benzene [71-43-2] *	1.0	U	ug/L	1	0.12	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Bromobenzene [108-86-1] *	1.0	U	ug/L	1	0.23	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Bromochloromethane [74-97-5] *	1.0	U	ug/L	1	0.19	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Bromodichloromethane [75-27-4] *	1.0	U	ug/L	1	0.19	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Bromoform [75-25-2] *	1.0	U	ug/L	1	0.36	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Bromomethane [74-83-9] *	1.0	U	ug/L	1	0.21	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Carbon disulfide [75-15-0] *	5.0	U	ug/L	1	0.12	5.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Carbon tetrachloride [56-23-5] *	1.0	U	ug/L	1	0.38	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Chlorobenzene [108-90-7] *	1.0	U	ug/L	1	0.16	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Chloroethane [75-00-3] *	1.0	U	ug/L	1	0.40	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Chloroform [67-66-3] *	1.0	U	ug/L	1	0.16	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Chloromethane [74-87-3] *	1.0	U	ug/L	1	0.18	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
cis-1,2-Dichloroethene [156-59-2] *	1.0	U	ug/L	1	0.14	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
cis-1,3-Dichloropropene [10061-01-5] *	1.0	U	ug/L	1	0.16	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Dibromochloromethane [124-48-1] *	1.0	U	ug/L	1	0.18	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Dibromomethane [74-95-3] *	1.0	U	ug/L	1	0.14	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Dichlorodifluoromethane [75-71-8] *	1.0	U	ug/L	1	0.14	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Ethylbenzene [100-41-4] *	1.0	U	ug/L	1	0.17	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Hexachlorobutadiene [87-68-3] *	1.0	U	ug/L	1	0.33	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Isopropylbenzene [98-82-8] *	1.0	U	ug/L	1	0.10	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
m,p-Xylenes [108-38-3/106-42-3] *	2.0	U	ug/L	1	0.21	2.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Methylene chloride [75-09-2] *	2.0	U	ug/L	1	0.088	2.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	

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Description: Trip Blank
Matrix: Ground Water
Project: BASF

Lab Sample ID: C711600-03
Sampled: 08/08/07 00:00
Sampled By: Grant Barrier

Received: 08/09/07 11:00
Work Order: C711600

Volatile Organic Compounds by GCMS

** - ENCO Cary certified analyte [NC 591]*

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] *	1.0	U	ug/L	1	0.10	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Naphthalene [91-20-3] *	1.0	U	ug/L	1	0.25	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
n-Butyl Benzene [104-51-8] *	1.0	U	ug/L	1	0.11	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
n-Propyl Benzene [103-65-1] *	1.0	U	ug/L	1	0.13	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
o-Xylene [95-47-6] *	1.0	U	ug/L	1	0.14	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
sec-Butylbenzene [135-98-8] *	1.0	U	ug/L	1	0.082	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Styrene [100-42-5] *	1.0	U	ug/L	1	0.12	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
tert-Butylbenzene [98-06-6] *	1.0	U	ug/L	1	0.16	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Tetrachloroethene [127-18-4] *	1.0	U	ug/L	1	0.25	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Toluene [108-88-3] *	1.0	U	ug/L	1	0.15	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
trans-1,2-Dichloroethene [156-60-5] *	1.0	U	ug/L	1	0.10	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
trans-1,3-Dichloropropene [10061-02-6] *	0.20	U	ug/L	1	0.18	0.20	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Trichloroethene [79-01-6] *	1.0	U	ug/L	1	0.23	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Trichlorofluoromethane [75-69-4] *	1.0	U	ug/L	1	0.16	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	
Vinyl chloride [75-01-4] *	1.0	U	ug/L	1	0.15	1.0	7H14002	EPA 8260B	08/14/07 20:09	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*53-138*	*7H14002*	*EPA 8260B*	*08/14/07 20:09*	*jkg*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*65-110*	*7H14002*	*EPA 8260B*	*08/14/07 20:09*	*jkg*	
Toluene-d8	*50*	*1*	*50.0*	*101 %*	*72-114*	*7H14002*	*EPA 8260B*	*08/14/07 20:09*	*jkg*	

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H14002 - EPA 5030B_MS

Blank (7H14002-BLK1) Prepared: 08/14/2007 08:53 Analyzed: 08/14/2007 09:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dichlorodifluoromethane	1.0	U	1.0	ug/L							
Chloromethane	1.0	U	1.0	ug/L							
Vinyl chloride	1.0	U	1.0	ug/L							
Bromomethane	1.0	U	1.0	ug/L							
Chloroethane	1.0	U	1.0	ug/L							
Trichlorofluoromethane	1.0	U	1.0	ug/L							
1,1-Dichloroethene	1.0	U	1.0	ug/L							
Acetone	5.0	U	5.0	ug/L							
Carbon disulfide	5.0	U	5.0	ug/L							
Methylene chloride	2.0	U	2.0	ug/L							
Methyl-tert-Butyl Ether	1.0	U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L							
1,1-Dichloroethane	1.0	U	1.0	ug/L							
2-Butanone	5.0	U	5.0	ug/L							
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L							
2,2-Dichloropropane	1.0	U	1.0	ug/L							
Bromochloromethane	1.0	U	1.0	ug/L							
Chloroform	1.0	U	1.0	ug/L							
1,1,1-Trichloroethane	1.0	U	1.0	ug/L							
1,1-Dichloropropene	1.0	U	1.0	ug/L							
Carbon tetrachloride	1.0	U	1.0	ug/L							
1,2-Dichloroethane	1.0	U	1.0	ug/L							
Benzene	1.0	U	1.0	ug/L							
Trichloroethene	1.0	U	1.0	ug/L							
1,2-Dichloropropane	1.0	U	1.0	ug/L							
Dibromomethane	1.0	U	1.0	ug/L							
Bromodichloromethane	1.0	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.0	U	1.0	ug/L							
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L							
4-Methyl-2-pentanone	5.0	U	5.0	ug/L							
Toluene	1.0	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.20	U	0.20	ug/L							
1,1,2-Trichloroethane	1.0	U	1.0	ug/L							
1,3-Dichloropropane	1.0	U	1.0	ug/L							
Tetrachloroethene	1.0	U	1.0	ug/L							
2-Hexanone	5.0	U	5.0	ug/L							
Dibromochloromethane	1.0	U	1.0	ug/L							
1,2-Dibromoethane	1.0	U	1.0	ug/L							
Chlorobenzene	1.0	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	1.0	U	1.0	ug/L							
Ethylbenzene	1.0	U	1.0	ug/L							
m,p-Xylenes	2.0	U	2.0	ug/L							
o-Xylene	1.0	U	1.0	ug/L							
Styrene	1.0	U	1.0	ug/L							
Bromoform	1.0	U	1.0	ug/L							
Isopropylbenzene	1.0	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L							
Bromobenzene	1.0	U	1.0	ug/L							
1,2,3-Trichloropropane	1.0	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H14002 - EPA 5030B_MS

Blank (7H14002-BLK1) Continued Prepared: 08/14/2007 08:53 Analyzed: 08/14/2007 09:53

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
n-Propyl Benzene	1.0	U	1.0	ug/L							
2-Chlorotoluene	1.0	U	1.0	ug/L							
1,3,5-Trimethylbenzene	1.0	U	1.0	ug/L							
4-Chlorotoluene	1.0	U	1.0	ug/L							
tert-Butylbenzene	1.0	U	1.0	ug/L							
1,2,4-Trimethylbenzene	1.0	U	1.0	ug/L							
sec-Butylbenzene	1.0	U	1.0	ug/L							
1,3-Dichlorobenzene	1.0	U	1.0	ug/L							
4-Isopropyltoluene	1.0	U	1.0	ug/L							
1,4-Dichlorobenzene	1.0	U	1.0	ug/L							
n-Butyl Benzene	1.0	U	1.0	ug/L							
1,2-Dichlorobenzene	1.0	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	1.0	U	1.0	ug/L							
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L							
Hexachlorobutadiene	1.0	U	1.0	ug/L							
Naphthalene	1.0	U	1.0	ug/L							
1,2,3-Trichlorobenzene	1.0	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*94*	*65-110*			
Surrogate: Toluene-d8	*49*			*ug/L*	*50.0*		*98*	*72-114*			
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*89*	*53-138*			

LCS (7H14002-BS1) Prepared: 08/14/2007 08:53 Analyzed: 08/14/2007 10:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0		74	43-131			
Benzene	22		1.0	ug/L	20.0		110	73-127			
Trichloroethene	23		1.0	ug/L	20.0		114	76-128			
Toluene	21		1.0	ug/L	20.0		103	71-112			
Chlorobenzene	20		1.0	ug/L	20.0		102	75-114			

Matrix Spike (7H14002-MS1) Prepared: 08/14/2007 08:53 Analyzed: 08/14/2007 10:46

Source: C711861-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0	1.0 U	73	43-131			
Benzene	22		1.0	ug/L	20.0	1.0 U	111	73-127			
Trichloroethene	22		1.0	ug/L	20.0	1.0 U	108	76-128			
Toluene	17		1.0	ug/L	20.0	1.0 U	86	71-112			
Chlorobenzene	18		1.0	ug/L	20.0	1.0 U	91	75-114			

Matrix Spike Dup (7H14002-MSD1) Prepared: 08/14/2007 08:53 Analyzed: 08/14/2007 11:12

Source: C711861-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0	1.0 U	75	43-131	3	16	
Benzene	22		1.0	ug/L	20.0	1.0 U	110	73-127	1	18	
Trichloroethene	21		1.0	ug/L	20.0	1.0 U	107	76-128	0.8	17	

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H14002 - EPA 5030B_MS

Matrix Spike Dup (7H14002-MSD1) Continued Prepared: 08/14/2007 08:53 Analyzed: 08/14/2007 11:12

Source: C711861-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Toluene	19		1.0	ug/L	20.0	1.0 U	95	71-112	10	23	
Chlorobenzene	20		1.0	ug/L	20.0	1.0 U	99	75-114	9	17	

Batch 7H15014 - EPA 5030B_MS

Blank (7H15014-BLK1) Prepared: 08/15/2007 11:29 Analyzed: 08/15/2007 13:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dichlorodifluoromethane	1.0	U	1.0	ug/L							
Chloromethane	1.0	U	1.0	ug/L							
Vinyl chloride	1.0	U	1.0	ug/L							
Bromomethane	1.0	U	1.0	ug/L							
Chloroethane	1.0	U	1.0	ug/L							
Trichlorofluoromethane	1.0	U	1.0	ug/L							
1,1-Dichloroethene	1.0	U	1.0	ug/L							
Acetone	5.0	U	5.0	ug/L							
Carbon disulfide	5.0	U	5.0	ug/L							
Methylene chloride	2.0	U	2.0	ug/L							
Methyl-tert-Butyl Ether	1.0	U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L							
1,1-Dichloroethane	1.0	U	1.0	ug/L							
2-Butanone	5.0	U	5.0	ug/L							
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L							
2,2-Dichloropropane	1.0	U	1.0	ug/L							
Bromochloromethane	1.0	U	1.0	ug/L							
Chloroform	1.0	U	1.0	ug/L							
1,1,1-Trichloroethane	1.0	U	1.0	ug/L							
1,1-Dichloropropene	1.0	U	1.0	ug/L							
Carbon tetrachloride	1.0	U	1.0	ug/L							
1,2-Dichloroethane	1.0	U	1.0	ug/L							
Benzene	1.0	U	1.0	ug/L							
Trichloroethene	1.0	U	1.0	ug/L							
1,2-Dichloropropane	1.0	U	1.0	ug/L							
Dibromomethane	1.0	U	1.0	ug/L							
Bromodichloromethane	1.0	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.0	U	1.0	ug/L							
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L							
4-Methyl-2-pentanone	5.0	U	5.0	ug/L							
Toluene	1.0	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.20	U	0.20	ug/L							
1,1,2-Trichloroethane	1.0	U	1.0	ug/L							
1,3-Dichloropropane	1.0	U	1.0	ug/L							
Tetrachloroethene	1.0	U	1.0	ug/L							
2-Hexanone	5.0	U	5.0	ug/L							
Dibromochloromethane	1.0	U	1.0	ug/L							
1,2-Dibromoethane	1.0	U	1.0	ug/L							
Chlorobenzene	1.0	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H15014 - EPA 5030B_MS

Blank (7H15014-BLK1) Continued Prepared: 08/15/2007 11:29 Analyzed: 08/15/2007 13:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	1.0	U	1.0	ug/L							
Ethylbenzene	1.0	U	1.0	ug/L							
m,p-Xylenes	2.0	U	2.0	ug/L							
o-Xylene	1.0	U	1.0	ug/L							
Styrene	1.0	U	1.0	ug/L							
Bromoform	1.0	U	1.0	ug/L							
Isopropylbenzene	1.0	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L							
Bromobenzene	1.0	U	1.0	ug/L							
1,2,3-Trichloropropane	1.0	U	1.0	ug/L							
n-Propyl Benzene	1.0	U	1.0	ug/L							
2-Chlorotoluene	1.0	U	1.0	ug/L							
1,3,5-Trimethylbenzene	1.0	U	1.0	ug/L							
4-Chlorotoluene	1.0	U	1.0	ug/L							
tert-Butylbenzene	1.0	U	1.0	ug/L							
1,2,4-Trimethylbenzene	1.0	U	1.0	ug/L							
sec-Butylbenzene	1.0	U	1.0	ug/L							
1,3-Dichlorobenzene	1.0	U	1.0	ug/L							
4-Isopropyltoluene	1.0	U	1.0	ug/L							
1,4-Dichlorobenzene	1.0	U	1.0	ug/L							
n-Butyl Benzene	1.0	U	1.0	ug/L							
1,2-Dichlorobenzene	1.0	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	1.0	U	1.0	ug/L							
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L							
Hexachlorobutadiene	1.0	U	1.0	ug/L							
Naphthalene	1.0	U	1.0	ug/L							
1,2,3-Trichlorobenzene	1.0	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*102*	*65-110*			
Surrogate: Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*72-114*			
Surrogate: 4-Bromofluorobenzene	*43*			*ug/L*	*50.0*		*87*	*53-138*			

Blank (7H15014-BLK2) Prepared: 08/15/2007 11:29 Analyzed: 08/16/2007 00:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dichlorodifluoromethane	1.0	U	1.0	ug/L							
Chloromethane	1.0	U	1.0	ug/L							
Vinyl chloride	1.0	U	1.0	ug/L							
Bromomethane	1.0	U	1.0	ug/L							
Chloroethane	1.0	U	1.0	ug/L							
Trichlorofluoromethane	1.0	U	1.0	ug/L							
1,1-Dichloroethene	1.0	U	1.0	ug/L							
Acetone	5.0	U	5.0	ug/L							
Carbon disulfide	5.0	U	5.0	ug/L							
Methylene chloride	2.0	U	2.0	ug/L							
Methyl-tert-Butyl Ether	1.0	U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0	U	1.0	ug/L							
1,1-Dichloroethane	1.0	U	1.0	ug/L							
2-Butanone	5.0	U	5.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H15014 - EPA 5030B_MS

Blank (7H15014-BLK2) Continued Prepared: 08/15/2007 11:29 Analyzed: 08/16/2007 00:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
cis-1,2-Dichloroethene	1.0	U	1.0	ug/L							
2,2-Dichloropropane	1.0	U	1.0	ug/L							
Bromochloromethane	1.0	U	1.0	ug/L							
Chloroform	1.0	U	1.0	ug/L							
1,1,1-Trichloroethane	1.0	U	1.0	ug/L							
1,1-Dichloropropene	1.0	U	1.0	ug/L							
Carbon tetrachloride	1.0	U	1.0	ug/L							
1,2-Dichloroethane	1.0	U	1.0	ug/L							
Benzene	1.0	U	1.0	ug/L							
Trichloroethene	1.0	U	1.0	ug/L							
1,2-Dichloropropane	1.0	U	1.0	ug/L							
Dibromomethane	1.0	U	1.0	ug/L							
Bromodichloromethane	1.0	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	1.0	U	1.0	ug/L							
cis-1,3-Dichloropropene	1.0	U	1.0	ug/L							
4-Methyl-2-pentanone	5.0	U	5.0	ug/L							
Toluene	1.0	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.20	U	0.20	ug/L							
1,1,2-Trichloroethane	1.0	U	1.0	ug/L							
1,3-Dichloropropane	1.0	U	1.0	ug/L							
Tetrachloroethene	1.0	U	1.0	ug/L							
2-Hexanone	5.0	U	5.0	ug/L							
Dibromochloromethane	1.0	U	1.0	ug/L							
1,2-Dibromoethane	1.0	U	1.0	ug/L							
Chlorobenzene	1.0	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	1.0	U	1.0	ug/L							
Ethylbenzene	1.0	U	1.0	ug/L							
m,p-Xylenes	2.0	U	2.0	ug/L							
o-Xylene	1.0	U	1.0	ug/L							
Styrene	1.0	U	1.0	ug/L							
Bromoform	1.0	U	1.0	ug/L							
Isopropylbenzene	1.0	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	1.0	U	1.0	ug/L							
Bromobenzene	1.0	U	1.0	ug/L							
1,2,3-Trichloropropane	1.0	U	1.0	ug/L							
n-Propyl Benzene	1.0	U	1.0	ug/L							
2-Chlorotoluene	1.0	U	1.0	ug/L							
1,3,5-Trimethylbenzene	1.0	U	1.0	ug/L							
4-Chlorotoluene	1.0	U	1.0	ug/L							
tert-Butylbenzene	1.0	U	1.0	ug/L							
1,2,4-Trimethylbenzene	1.0	U	1.0	ug/L							
sec-Butylbenzene	1.0	U	1.0	ug/L							
1,3-Dichlorobenzene	1.0	U	1.0	ug/L							
4-Isopropyltoluene	1.0	U	1.0	ug/L							
1,4-Dichlorobenzene	1.0	U	1.0	ug/L							
n-Butyl Benzene	1.0	U	1.0	ug/L							
1,2-Dichlorobenzene	1.0	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	1.0	U	1.0	ug/L							
1,2,4-Trichlorobenzene	1.0	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H15014 - EPA 5030B_MS

Blank (7H15014-BLK2) Continued Prepared: 08/15/2007 11:29 Analyzed: 08/16/2007 00:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Hexachlorobutadiene	1.0	U	1.0	ug/L							
Naphthalene	1.0	U	1.0	ug/L							
1,2,3-Trichlorobenzene	1.0	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*101*	*65-110*			
Surrogate: Toluene-d8	*51*			*ug/L*	*50.0*		*103*	*72-114*			
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*53-138*			

LCS (7H15014-BS1) Prepared: 08/15/2007 11:29 Analyzed: 08/15/2007 13:39

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	14		1.0	ug/L	20.0		71	43-131			
Benzene	22		1.0	ug/L	20.0		109	73-127			
Trichloroethene	22		1.0	ug/L	20.0		109	76-128			
Toluene	19		1.0	ug/L	20.0		93	71-112			
Chlorobenzene	20		1.0	ug/L	20.0		99	75-114			

LCS (7H15014-BS2) Prepared: 08/15/2007 11:29 Analyzed: 08/16/2007 00:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0		76	43-131			
Benzene	22		1.0	ug/L	20.0		110	73-127			
Trichloroethene	23		1.0	ug/L	20.0		113	76-128			
Toluene	20		1.0	ug/L	20.0		98	71-112			
Chlorobenzene	21		1.0	ug/L	20.0		104	75-114			

Matrix Spike (7H15014-MS1) Prepared: 08/15/2007 11:29 Analyzed: 08/15/2007 14:05

Source: C711861-09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0	1.0 U	77	43-131			
Benzene	22		1.0	ug/L	20.0	1.0 U	110	73-127			
Trichloroethene	22		1.0	ug/L	20.0	1.0 U	111	76-128			
Toluene	20		1.0	ug/L	20.0	1.0 U	98	71-112			
Chlorobenzene	21		1.0	ug/L	20.0	1.0 U	103	75-114			

Matrix Spike (7H15014-MS2) Prepared: 08/15/2007 11:29 Analyzed: 08/16/2007 01:25

Source: C711861-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0	1.0 U	76	43-131			
Benzene	24		1.0	ug/L	20.0	1.0 U	121	73-127			
Trichloroethene	23		1.0	ug/L	20.0	1.0 U	114	76-128			
Toluene	20		1.0	ug/L	20.0	1.0 U	99	71-112			
Chlorobenzene	21		1.0	ug/L	20.0	1.0 U	106	75-114			

Matrix Spike Dup (7H15014-MSD1) Prepared: 08/15/2007 11:29 Analyzed: 08/15/2007 14:33

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 7H15014 - EPA 5030B_MS

Matrix Spike Dup (7H15014-MSD1) Continued Prepared: 08/15/2007 11:29 Analyzed: 08/15/2007 14:33

Source: C711861-09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	15		1.0	ug/L	20.0	1.0 U	75	43-131	3	16	
Benzene	23		1.0	ug/L	20.0	1.0 U	115	73-127	4	18	
Trichloroethene	22		1.0	ug/L	20.0	1.0 U	110	76-128	0.7	17	
Toluene	18		1.0	ug/L	20.0	1.0 U	89	71-112	10	23	
Chlorobenzene	19		1.0	ug/L	20.0	1.0 U	93	75-114	10	17	

Matrix Spike Dup (7H15014-MSD2) Prepared: 08/15/2007 11:29 Analyzed: 08/16/2007 01:52

Source: C711861-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	16		1.0	ug/L	20.0	1.0 U	78	43-131	3	16	
Benzene	22		1.0	ug/L	20.0	1.0 U	111	73-127	8	18	
Trichloroethene	22		1.0	ug/L	20.0	1.0 U	109	76-128	4	17	
Toluene	20		1.0	ug/L	20.0	1.0 U	100	71-112	1	23	
Chlorobenzene	21		1.0	ug/L	20.0	1.0 U	104	75-114	1	17	

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7H10008 - EPA 3510C_MS

Blank (7H10008-BLK1) Prepared: 08/10/2007 09:00 Analyzed: 08/10/2007 19:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	10	U	10	ug/L							
1,2-Dichlorobenzene	10	U	10	ug/L							
1,3-Dichlorobenzene	10	U	10	ug/L							
1,4-Dichlorobenzene	10	U	10	ug/L							
1-Methylnaphthalene	10	U	10	ug/L							
2,4,5-Trichlorophenol	10	U	10	ug/L							
2,4,6-Trichlorophenol	10	U	10	ug/L							
2,4-Dichlorophenol	10	U	10	ug/L							
2,4-Dimethylphenol	10	U	10	ug/L							
2,4-Dinitrophenol	10	U	10	ug/L							
2,4-Dinitrotoluene	10	U	10	ug/L							
2,6-Dinitrotoluene	10	U	10	ug/L							
2-Chloronaphthalene	10	U	10	ug/L							
2-Chlorophenol	10	U	10	ug/L							
2-Methylnaphthalene	10	U	10	ug/L							
2-Methylphenol	10	U	10	ug/L							
2-Nitroaniline	10	U	10	ug/L							
2-Nitrophenol	10	U	10	ug/L							
3,3'-Dimethylbenzidine	10	U	10	ug/L							
3 & 4-Methylphenol	20	U	20	ug/L							
3-Nitroaniline	10	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	10	U	10	ug/L							
4-Bromophenyl-phenylether	10	U	10	ug/L							
4-Chloro-3-methylphenol	10	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7H10008 - EPA 3510C_MS

Blank (7H10008-BLK1) Continued Prepared: 08/10/2007 09:00 Analyzed: 08/10/2007 19:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Chloroaniline	10	U	10	ug/L							
4-Chlorophenyl-phenylether	10	U	10	ug/L							
4-Nitroaniline	10	U	10	ug/L							
4-Nitrophenol	10	U	10	ug/L							
Acenaphthene	10	U	10	ug/L							
Acenaphthylene	10	U	10	ug/L							
Anthracene	10	U	10	ug/L							
Benzo(a)anthracene	10	U	10	ug/L							
Benzidine	10	U	10	ug/L							
Benzo(a)pyrene	10	U	10	ug/L							
Benzo(b)fluoranthene	10	U	10	ug/L							
Benzo(g,h,i)perylene	10	U	10	ug/L							
Benzo(k)fluoranthene	10	U	10	ug/L							
Benzoic acid	10	U	10	ug/L							
Benzyl alcohol	10	U	10	ug/L							
Bis(2-chloroethoxy)methane	10	U	10	ug/L							
Bis(2-chloroethyl)ether	10	U	10	ug/L							
Bis(2-chloroisopropyl)ether	10	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	10	U	10	ug/L							
Butylbenzylphthalate	10	U	10	ug/L							
Chrysene	10	U	10	ug/L							
Dibenzo(a,h)anthracene	10	U	10	ug/L							
Dibenzofuran	10	U	10	ug/L							
Diethylphthalate	10	U	10	ug/L							
Dimethylphthalate	10	U	10	ug/L							
Di-n-butylphthalate	10	U	10	ug/L							
Di-n-octylphthalate	10	U	10	ug/L							
Fluoranthene	10	U	10	ug/L							
Fluorene	10	U	10	ug/L							
Hexachlorobenzene	10	U	10	ug/L							
Hexachlorobutadiene	10	U	10	ug/L							
Hexachlorocyclopentadiene	10	U	10	ug/L							
Hexachloroethane	10	U	10	ug/L							
Indeno(1,2,3-cd)pyrene	10	U	10	ug/L							
Isophorone	10	U	10	ug/L							
Naphthalene	10	U	10	ug/L							
Nitrobenzene	10	U	10	ug/L							
N-Nitrosodimethylamine	10	U	10	ug/L							
N-Nitroso-di-n-propylamine	10	U	10	ug/L							
Pentachlorophenol	10	U	10	ug/L							
Phenanthrene	10	U	10	ug/L							
Phenol	10	U	10	ug/L							
Pyrene	10	U	10	ug/L							
Pyridine	10	U	10	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	10	U	10	ug/L							
Surrogate: 2-Fluorophenol	*60*			*ug/L*	*100*		*60*	*15-101*			
Surrogate: Phenol-d5	*46*			*ug/L*	*100*		*46*	*10-97*			
Surrogate: Nitrobenzene-d5	*36*			*ug/L*	*50.0*		*73*	*41-102*			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7H10008 - EPA 3510C_MS

Blank (7H10008-BLK1) Continued Prepared: 08/10/2007 09:00 Analyzed: 08/10/2007 19:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 2-Fluorobiphenyl	*26*			*ug/L*	*50.0*		*52*	*47-102*			
Surrogate: 2,4,6-Tribromophenol	*76*			*ug/L*	*100*		*76*	*45-131*			
Surrogate: Terphenyl-d14	*51*			*ug/L*	*50.0*		*101*	*73-132*			

LCS (7H10008-BS1) Prepared: 08/10/2007 09:00 Analyzed: 08/10/2007 20:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	16		10	ug/L	50.0		32	22-79			
1,4-Dichlorobenzene	14		10	ug/L	50.0		28	10-102			
2,4-Dinitrotoluene	49		10	ug/L	50.0		97	58-114			
2-Chlorophenol	36		10	ug/L	50.0		72	53-86			
4-Chloro-3-methylphenol	43		10	ug/L	50.0		86	52-107			
4-Nitrophenol	36		10	ug/L	50.0		72	39-85			
Acenaphthene	34		10	ug/L	50.0		67	43-98			
N-Nitroso-di-n-propylamine	45		10	ug/L	50.0		90	49-90			
Pentachlorophenol	39		10	ug/L	50.0		78	38-127			
Phenol	24		10	ug/L	50.0		48	31-59			
Pyrene	52		10	ug/L	50.0		103	79-130			

Matrix Spike (7H10008-MS1) Prepared: 08/10/2007 09:00 Analyzed: 08/10/2007 21:09

Source: C711334-19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	17		10	ug/L	50.0	10 U	34	22-79			
1,4-Dichlorobenzene	15		10	ug/L	50.0	10 U	30	10-102			
2,4-Dinitrotoluene	45		10	ug/L	50.0	10 U	89	58-114			
2-Chlorophenol	35		10	ug/L	50.0	10 U	69	53-86			
4-Chloro-3-methylphenol	40		10	ug/L	50.0	10 U	81	52-107			
4-Nitrophenol	32		10	ug/L	50.0	10 U	64	39-85			
Acenaphthene	33		10	ug/L	50.0	10 U	65	43-98			
N-Nitroso-di-n-propylamine	43		10	ug/L	50.0	10 U	85	49-90			
Pentachlorophenol	37		10	ug/L	50.0	10 U	74	38-127			
Phenol	23		10	ug/L	50.0	10 U	46	31-59			
Pyrene	46		10	ug/L	50.0	10 U	93	79-130			

Matrix Spike Dup (7H10008-MSD1) Prepared: 08/10/2007 09:00 Analyzed: 08/10/2007 21:40

Source: C711334-19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	17		10	ug/L	50.0	10 U	35	22-79	3	27	
1,4-Dichlorobenzene	16		10	ug/L	50.0	10 U	31	10-102	5	33	
2,4-Dinitrotoluene	48		10	ug/L	50.0	10 U	96	58-114	7	16	
2-Chlorophenol	36		10	ug/L	50.0	10 U	73	53-86	5	20	
4-Chloro-3-methylphenol	43		10	ug/L	50.0	10 U	86	52-107	7	12	
4-Nitrophenol	35		10	ug/L	50.0	10 U	70	39-85	9	10	
Acenaphthene	33		10	ug/L	50.0	10 U	65	43-98	0.06	20	
N-Nitroso-di-n-propylamine	45		10	ug/L	50.0	10 U	90	49-90	6	21	

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 7H10008 - EPA 3510C_MS

Matrix Spike Dup (7H10008-MSD1) Continued Prepared: 08/10/2007 09:00 Analyzed: 08/10/2007 21:40

Source: C711334-19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Pentachlorophenol	42		10	ug/L	50.0	10 U	84	38-127	12	13	
Phenol	25		10	ug/L	50.0	10 U	49	31-59	8	20	
Pyrene	54		10	ug/L	50.0	10 U	107	79-130	14	15	

Volatile Petroleum Hydrocarbons by GC - Quality Control

Batch 7H13016 - EPA 5030B

Blank (7H13016-BLK1) Prepared: 08/13/2007 12:34 Analyzed: 08/13/2007 12:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C5-C8 Aliphatics	20	U	20	ug/L							
C9-C10 Aromatics	20	U	20	ug/L							
C9-C12 Aliphatics	30	U	30	ug/L							
Surrogate: 2,5-Dibromotoluene (PID)	*0.0*	*U*		*ug/L*	*100*			*70-130*			
Surrogate: 2,5-Dibromotoluene (FID)	*0.0*	*U*		*ug/L*	*100*			*70-130*			

LCS (7H13016-BS1) Prepared: 08/13/2007 12:34 Analyzed: 08/13/2007 14:14

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C9-C10 Aromatics ms	38		20	ug/L	40.0		94	70-130			
C9-C12 Aliphatics ms	130		30	ug/L	120		112	70-130			
C5-C8 Aliphatics ms	65		20	ug/L	80.0		81	70-130			

Matrix Spike (7H13016-MS1) Prepared: 08/13/2007 12:34 Analyzed: 08/13/2007 19:40

Source: C711007-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C9-C10 Aromatics ms	35		20	ug/L	40.0	20 U	87	70-130			
C9-C12 Aliphatics ms	160		30	ug/L	120	30 U	129	70-130			
C5-C8 Aliphatics ms	93		20	ug/L	80.0	20 U	117	70-130			

Matrix Spike Dup (7H13016-MSD1) Prepared: 08/13/2007 12:34 Analyzed: 08/13/2007 20:09

Source: C711007-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C9-C10 Aromatics ms	48		20	ug/L	40.0	20 U	120	70-130	33	50	
C9-C12 Aliphatics ms	140		30	ug/L	120	30 U	117	70-130	10	50	
C5-C8 Aliphatics ms	66		20	ug/L	80.0	20 U	82	70-130	35	50	

QUALITY CONTROL

Extractable Petroleum Hydrocarbons by GC - Quality Control

Batch 7H15004 - EPA 3510C

Blank (7H15004-BLK1) Prepared: 08/15/2007 11:25 Analyzed: 08/15/2007 18:21

QUALITY CONTROL

Extractable Petroleum Hydrocarbons by GC - Quality Control

Batch 7H15004 - EPA 3510C

Blank (7H15004-BLK1) Continued Prepared: 08/15/2007 11:25 Analyzed: 08/15/2007 18:21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C19-C36 Aliphatics	500	U	500	ug/L							
C9-C18 Aliphatics	500	U	500	ug/L							

Matrix Spike (7H15004-MS1) Prepared: 08/15/2007 11:25 Analyzed: 08/15/2007 19:07

Source: B707171-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C19-C36 Aliphatics ms	260	U	500	ug/L	300	500 U	87	40-140			
C9-C18 Aliphatics ms	290	U	500	ug/L	520	500 U	56	40-140			

Matrix Spike Dup (7H15004-MSD1) Prepared: 08/15/2007 11:25 Analyzed: 08/15/2007 19:30

Source: B707171-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C19-C36 Aliphatics ms	250	U	500	ug/L	300	500 U	84	40-140	3	50	
C9-C18 Aliphatics ms	290	U	500	ug/L	520	500 U	56	40-140	0.7	50	

Batch 7H15005 - EPA 3510C

Blank (7H15005-BLK1) Prepared: 08/15/2007 11:27 Analyzed: 08/15/2007 21:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C11-C22 Aromatics	100	U	100	ug/L							
Surrogate: o-Terphenyl	*31*			*ug/L*	*40.0*		*77*	*40-140*			
Surrogate: 2-Bromonaphthalene	*27*			*mg/L*	*40.0*		*66*	*40-140*			
Surrogate: 2-Fluorobiphenyl	*33*			*mg/L*	*40.0*		*82*	*40-140*			

LCS (7H15005-BS1) Prepared: 08/15/2007 11:27 Analyzed: 08/15/2007 21:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C11-C22 Aromatics	64	U	100	ug/L	100		64	40-140			
Surrogate: o-Terphenyl	*33*			*ug/L*	*40.0*		*82*	*40-140*			
Surrogate: 2-Bromonaphthalene	*23*			*mg/L*	*40.0*		*56*	*40-140*			
Surrogate: 2-Fluorobiphenyl	*35*			*mg/L*	*40.0*		*87*	*40-140*			

Matrix Spike (7H15005-MS1) Prepared: 08/15/2007 11:27 Analyzed: 08/15/2007 21:48

Source: B707171-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C11-C22 Aromatics ms	67	U	100	ug/L	100	100 U	67	40-140			
Surrogate: o-Terphenyl	*36*			*ug/L*	*40.0*		*91*	*40-140*			
Surrogate: 2-Bromonaphthalene	*30*			*mg/L*	*40.0*		*76*	*40-140*			
Surrogate: 2-Fluorobiphenyl	*40*			*mg/L*	*40.0*		*101*	*40-140*			

Matrix Spike Dup (7H15005-MSD1) Prepared: 08/15/2007 11:27 Analyzed: 08/15/2007 22:10

Source: B707171-01

QUALITY CONTROL

Extractable Petroleum Hydrocarbons by GC - Quality Control

Batch 7H15005 - EPA 3510C

Matrix Spike Dup (7H15005-MSD1) Continued Prepared: 08/15/2007 11:27 Analyzed: 08/15/2007 22:10

Source: B707171-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
C11-C22 Aromatics ms	68	U	100	ug/L	100	100 U	68	40-140	0.9	50	
Surrogate: o-Terphenyl	*35*			*ug/L*	*40.0*		*88*	*40-140*			
Surrogate: 2-Bromonaphthalene	*27*			*mg/L*	*40.0*		*67*	*40-140*			
Surrogate: 2-Fluorobiphenyl	*38*			*mg/L*	*40.0*		*96*	*40-140*			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Page ____ of ____

Client Name: Hart & Hickman	Project Number: USP-001
Address: 2523 S Tryon Street Suite 100	Project Name/Desc: BASF
City/ST/Zip: Charlotte, NC 28205	PO # / Billing Info:
Tel: 704-586-0007 Fax: 704-586-0573	Reporting Contact: James Wellons (H&H)
Sampler(s) Name, Affiliation (Print): Grant Barrier, Hart & Hickman	Billing Contact: James Wellons (H&H)
Sampler(s) Signature:	Facility # (if required):

Requested Analyses: VOC's by EPA 8260B; SVOC's by EPA 8270; MADEP VPH; MADEP EPH

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. ☒ Standard ___ Expedited Due __/__/__

Lab Workorder: C711600

Preservation (See Codes) (Combine as necessary): — ; H ; S

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	VOC's by EPA 8260B	SVOC's by EPA 8270	MADEP VPH	MADEP EPH	Sample Comments
	TW-1 (H&H)	8/7/07	1400	Grab	GW	6	X		X	X	
	TW-1 (H&H)-2	8/8/07	0950	Grab	GW	1		X			

← Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		Grant Barrier, H&H	8/8/07 1600	Susan Pulsen	8/8/07 1600
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By: Brian Gregory	Date/Time: 8/9/07 11:00
		Cooler #'s & Temp's on Receipt: G55 0.9°C		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: H-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreement exists.

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(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name: Hart & Hickman	Project Number: USP. 001
Address: 2923 S Tryon Street Suite 100	Project Name/Desc: BASF
City/ST/Zip: Charlotte, NC 28205	PO # / Billing Info:
Tel: 704-586-0007 Fax: 704-586-0373	Reporting Contact: James Wellons (H&H)
Sampler(s) Name, Affiliation (Print): Grant Barrier, Hart & Hickman	Billing Contact: James Wellons (H&H)
Sampler(s) Signature:	Facility # (if required):

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

☒ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C711600

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	VOC's by EPA 8260B	SVOC's by EPA 8270	MADEP VPH	MADEP EPH							Sample Comments
							Preservation (See Codes) (Combine as necessary)										
							~~HCl~~	—	H	S							
	TW-1 (H&H)	8/7/07	1400	Grab	GW	6	X		X	X							
	TW-1 (H&H)-2	8/8/07	0930	Grab	GW	1		X									

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		Grant Barrier, H&H	8/8/07 1600	Susan Pusen	8/8/07 1600
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By: Briana Gregory	Date/Time: 8/9/07 11:00
		Cooler #'s & Temps on Receipt: G55 0.3°C		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA1 @ 2-3'
Prism Sample ID 192532
COC Group: G0907194
Time Collected: 09/07/07 11:10
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	82.7	%			1	SM2540 G	09/14/07 8:53	heasler	Q26555
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.7	0.56	1	8260B	09/14/07 16:01	lwitry	Q26553
1,1,1-Trichloroethane	BRL	µg/kg	5.7	0.32	1	8260B	09/14/07 16:01	lwitry	Q26553
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.7	0.58	1	8260B	09/14/07 16:01	lwitry	Q26553
1,1,2-Trichloroethane	BRL	µg/kg	5.7	0.35	1	8260B	09/14/07 16:01	lwitry	Q26553
1,1-Dichloroethane	BRL	µg/kg	5.7	0.41	1	8260B	09/14/07 16:01	lwitry	Q26553
1,1-Dichloroethene	BRL	µg/kg	5.7	0.43	1	8260B	09/14/07 16:01	lwitry	Q26553
1,1-Dichloropropene	BRL	µg/kg	5.7	0.50	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.62	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2,3-Trichloropropane	BRL	µg/kg	5.7	0.50	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.54	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.43	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2-Dibromo-3-chloropropane	BRL	µg/kg	5.7	0.90	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.7	0.10	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2-Dichlorobenzene	BRL	µg/kg	11	0.31	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2-Dichloroethane	BRL	µg/kg	5.7	0.57	1	8260B	09/14/07 16:01	lwitry	Q26553
1,2-Dichloropropane	BRL	µg/kg	5.7	0.42	1	8260B	09/14/07 16:01	lwitry	Q26553
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.48	1	8260B	09/14/07 16:01	lwitry	Q26553
1,3-Dichlorobenzene	BRL	µg/kg	11	0.49	1	8260B	09/14/07 16:01	lwitry	Q26553
1,3-Dichloropropane	BRL	µg/kg	5.7	0.39	1	8260B	09/14/07 16:01	lwitry	Q26553
1,4-Dichlorobenzene	BRL	µg/kg	11	0.44	1	8260B	09/14/07 16:01	lwitry	Q26553
2,2-Dichloropropane	BRL	µg/kg	5.7	0.28	1	8260B	09/14/07 16:01	lwitry	Q26553
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.42	1	8260B	09/14/07 16:01	lwitry	Q26553
2-Chlorotoluene	BRL	µg/kg	11	0.42	1	8260B	09/14/07 16:01	lwitry	Q26553
2-Hexanone	BRL	µg/kg	57	0.59	1	8260B	09/14/07 16:01	lwitry	Q26553

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA1 @ 2-3'
Prism Sample ID 192532
COC Group: G0907194
Time Collected: 09/07/07 11:10
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	11	0.29	1	8260B	09/14/07 16:01	lwitry	Q26553
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	0.57	1	8260B	09/14/07 16:01	lwitry	Q26553
Acetone	BRL	µg/kg	23	2.2	1	8260B	09/14/07 16:01	lwitry	Q26553
Benzene	BRL	µg/kg	3.4	0.45	1	8260B	09/14/07 16:01	lwitry	Q26553
Bromobenzene	BRL	µg/kg	5.7	0.40	1	8260B	09/14/07 16:01	lwitry	Q26553
Bromochloromethane	BRL	µg/kg	5.7	0.34	1	8260B	09/14/07 16:01	lwitry	Q26553
Bromodichloromethane	BRL	µg/kg	5.7	0.50	1	8260B	09/14/07 16:01	lwitry	Q26553
Bromoform	BRL	µg/kg	5.7	0.42	1	8260B	09/14/07 16:01	lwitry	Q26553
Bromomethane	BRL	µg/kg	11	0.66	1	8260B	09/14/07 16:01	lwitry	Q26553
Carbon disulfide	BRL	µg/kg	11	0.36	1	8260B	09/14/07 16:01	lwitry	Q26553
Carbon tetrachloride	BRL	µg/kg	5.7	0.33	1	8260B	09/14/07 16:01	lwitry	Q26553
Chlorobenzene	BRL	µg/kg	5.7	0.43	1	8260B	09/14/07 16:01	lwitry	Q26553
Chlorodibromomethane	BRL	µg/kg	5.7	0.39	1	8260B	09/14/07 16:01	lwitry	Q26553
Chloroethane	BRL	µg/kg	11	0.47	1	8260B	09/14/07 16:01	lwitry	Q26553
Chloroform	BRL	µg/kg	5.7	0.42	1	8260B	09/14/07 16:01	lwitry	Q26553
Chloromethane	BRL	µg/kg	11	0.40	1	8260B	09/14/07 16:01	lwitry	Q26553
cis-1,2-Dichloroethene	BRL	µg/kg	5.7	0.25	1	8260B	09/14/07 16:01	lwitry	Q26553
cis-1,3-Dichloropropene	BRL	µg/kg	5.7	0.36	1	8260B	09/14/07 16:01	lwitry	Q26553
Dibromomethane	BRL	µg/kg	5.7	0.42	1	8260B	09/14/07 16:01	lwitry	Q26553
Dichlorodifluoromethane	BRL	µg/kg	11	1.3	1	8260B	09/14/07 16:01	lwitry	Q26553
Ethylbenzene	BRL	µg/kg	5.7	0.40	1	8260B	09/14/07 16:01	lwitry	Q26553
Hexachlorobutadiene	BRL	µg/kg	17	0.70	1	8260B	09/14/07 16:01	lwitry	Q26553
Isopropyl ether (IPE)	BRL	µg/kg	5.7	0.19	1	8260B	09/14/07 16:01	lwitry	Q26553
Isopropylbenzene	BRL	µg/kg	11	0.45	1	8260B	09/14/07 16:01	lwitry	Q26553
m,p-Xylenes	BRL	µg/kg	11	0.79	1	8260B	09/14/07 16:01	lwitry	Q26553
Methyl ethyl ketone (MEK)	BRL	µg/kg	23	1.6	1	8260B	09/14/07 16:01	lwitry	Q26553
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.7	0.33	1	8260B	09/14/07 16:01	lwitry	Q26553

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA1 @ 2-3'
Prism Sample ID 192532
COC Group: G0907194
Time Collected: 09/07/07 11:10
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	11	0.47	1	8260B	09/14/07 16:01	lwitry	Q26553
n-Butylbenzene	BRL	µg/kg	17	0.45	1	8260B	09/14/07 16:01	lwitry	Q26553
n-Propylbenzene	BRL	µg/kg	11	0.34	1	8260B	09/14/07 16:01	lwitry	Q26553
Naphthalene	BRL	µg/kg	5.7	0.66	1	8260B	09/14/07 16:01	lwitry	Q26553
o-Xylene	BRL	µg/kg	5.7	0.34	1	8260B	09/14/07 16:01	lwitry	Q26553
p-Isopropyltoluene	BRL	µg/kg	17	0.47	1	8260B	09/14/07 16:01	lwitry	Q26553
sec-Butylbenzene	BRL	µg/kg	17	0.37	1	8260B	09/14/07 16:01	lwitry	Q26553
Styrene	BRL	µg/kg	5.7	0.57	1	8260B	09/14/07 16:01	lwitry	Q26553
tert-Butylbenzene	BRL	µg/kg	23	0.35	1	8260B	09/14/07 16:01	lwitry	Q26553
Tetrachloroethene	BRL	µg/kg	11	0.98	1	8260B	09/14/07 16:01	lwitry	Q26553
Toluene	BRL	µg/kg	5.7	0.39	1	8260B	09/14/07 16:01	lwitry	Q26553
trans-1,2-Dichloroethene	BRL	µg/kg	5.7	0.43	1	8260B	09/14/07 16:01	lwitry	Q26553
trans-1,3-Dichloropropene	BRL	µg/kg	5.7	0.40	1	8260B	09/14/07 16:01	lwitry	Q26553
Trichloroethene	BRL	µg/kg	5.7	0.34	1	8260B	09/14/07 16:01	lwitry	Q26553
Trichlorofluoromethane	BRL	µg/kg	5.7	0.47	1	8260B	09/14/07 16:01	lwitry	Q26553
Vinyl chloride	BRL	µg/kg	11	0.73	1	8260B	09/14/07 16:01	lwitry	Q26553

Surrogate	% Recovery	Control Limits
Toluene-d8	103	81 - 128
Dibromofluoromethane	97	67 - 143
Bromofluorobenzene	109	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.33	g			1	5035	09/14/07 0:00	lbrown
Weight Bisulfate 2	5.27	g			1	5035	09/14/07 0:00	lbrown
Weight Methanol	5.32	g			1	5035	09/14/07 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	390	43	1	8270C	09/21/07 5:02	rselph	Q26754

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA1 @ 2-3'
Prism Sample ID 192532
COC Group: G0907194
Time Collected: 09/07/07 11:10
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichlorobenzene	BRL	µg/kg	390	43	1	8270C	09/21/07 5:02	rselph	Q26754
1,3-Dichlorobenzene	BRL	µg/kg	390	38	1	8270C	09/21/07 5:02	rselph	Q26754
1,4-Dichlorobenzene	BRL	µg/kg	390	47	1	8270C	09/21/07 5:02	rselph	Q26754
2,4,5-Trichlorophenol	BRL	µg/kg	390	47	1	8270C	09/21/07 5:02	rselph	Q26754
2,4,6-Trichlorophenol	BRL	µg/kg	390	42	1	8270C	09/21/07 5:02	rselph	Q26754
2,4-Dichlorophenol	BRL	µg/kg	390	26	1	8270C	09/21/07 5:02	rselph	Q26754
2,4-Dimethylphenol	BRL	µg/kg	390	58	1	8270C	09/21/07 5:02	rselph	Q26754
2,4-Dinitrophenol	BRL	µg/kg	390	110	1	8270C	09/21/07 5:02	rselph	Q26754
2,4-Dinitrotoluene	BRL	µg/kg	390	52	1	8270C	09/21/07 5:02	rselph	Q26754
2,6-Dinitrotoluene	BRL	µg/kg	390	71	1	8270C	09/21/07 5:02	rselph	Q26754
2-Chloronaphthalene	BRL	µg/kg	390	49	1	8270C	09/21/07 5:02	rselph	Q26754
2-Chlorophenol	BRL	µg/kg	390	16	1	8270C	09/21/07 5:02	rselph	Q26754
2-Methylnaphthalene	BRL	µg/kg	390	44	1	8270C	09/21/07 5:02	rselph	Q26754
2-Methylphenol	BRL	µg/kg	390	32	1	8270C	09/21/07 5:02	rselph	Q26754
2-Nitrophenol	BRL	µg/kg	390	55	1	8270C	09/21/07 5:02	rselph	Q26754
3&4-Methylphenol	BRL	µg/kg	390	46	1	8270C	09/21/07 5:02	rselph	Q26754
3,3'-Dichlorobenzidine	BRL	µg/kg	390	71	1	8270C	09/21/07 5:02	rselph	Q26754
4,6-Dinitro-2-methylphenol	BRL	µg/kg	390	34	1	8270C	09/21/07 5:02	rselph	Q26754
4-Bromophenylphenylether	BRL	µg/kg	390	49	1	8270C	09/21/07 5:02	rselph	Q26754
4-Chloro-3-methylphenol	BRL	µg/kg	390	46	1	8270C	09/21/07 5:02	rselph	Q26754
4-Chlorophenylphenylether	BRL	µg/kg	390	49	1	8270C	09/21/07 5:02	rselph	Q26754
4-Nitrophenol	BRL	µg/kg	390	50	1	8270C	09/21/07 5:02	rselph	Q26754
Acenaphthene	BRL	µg/kg	390	53	1	8270C	09/21/07 5:02	rselph	Q26754
Acenaphthylene	BRL	µg/kg	390	37	1	8270C	09/21/07 5:02	rselph	Q26754
Anthracene	BRL	µg/kg	390	29	1	8270C	09/21/07 5:02	rselph	Q26754
Benzo(a)anthracene	BRL	µg/kg	390	44	1	8270C	09/21/07 5:02	rselph	Q26754
Benzo(a)pyrene	BRL	µg/kg	390	50	1	8270C	09/21/07 5:02	rselph	Q26754

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA1 @ 2-3'
Prism Sample ID 192532
COC Group: G0907194
Time Collected: 09/07/07 11:10
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Benzo(b)fluoranthene	BRL	µg/kg	390	80	1	8270C	09/21/07 5:02	rselph	Q26754
Benzo(g,h,i)perylene	BRL	µg/kg	390	50	1	8270C	09/21/07 5:02	rselph	Q26754
Benzo(k)fluoranthene	BRL	µg/kg	390	110	1	8270C	09/21/07 5:02	rselph	Q26754
Bis(2-chloroethoxy)methane	BRL	µg/kg	390	66	1	8270C	09/21/07 5:02	rselph	Q26754
Bis(2-chloroethyl)ether	BRL	µg/kg	390	49	1	8270C	09/21/07 5:02	rselph	Q26754
Bis(2-chloroisopropyl)ether	BRL	µg/kg	390	39	1	8270C	09/21/07 5:02	rselph	Q26754
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	390	30	1	8270C	09/21/07 5:02	rselph	Q26754
Butylbenzylphthalate	BRL	µg/kg	390	48	1	8270C	09/21/07 5:02	rselph	Q26754
Chrysene	BRL	µg/kg	390	26	1	8270C	09/21/07 5:02	rselph	Q26754
Di-n-butylphthalate	BRL	µg/kg	390	63	1	8270C	09/21/07 5:02	rselph	Q26754
Di-n-octylphthalate	BRL	µg/kg	390	110	1	8270C	09/21/07 5:02	rselph	Q26754
Dibenzo(a,h)anthracene	BRL	µg/kg	390	37	1	8270C	09/21/07 5:02	rselph	Q26754
Dibenzofuran	BRL	µg/kg	390	48	1	8270C	09/21/07 5:02	rselph	Q26754
Diethylphthalate	BRL	µg/kg	390	100	1	8270C	09/21/07 5:02	rselph	Q26754
Dimethylphthalate	BRL	µg/kg	390	58	1	8270C	09/21/07 5:02	rselph	Q26754
Fluoranthene	BRL	µg/kg	390	69	1	8270C	09/21/07 5:02	rselph	Q26754
Fluorene	BRL	µg/kg	390	56	1	8270C	09/21/07 5:02	rselph	Q26754
Hexachlorobenzene	BRL	µg/kg	390	54	1	8270C	09/21/07 5:02	rselph	Q26754
Hexachlorobutadiene	BRL	µg/kg	390	39	1	8270C	09/21/07 5:02	rselph	Q26754
Hexachlorocyclopentadiene	BRL	µg/kg	390	58	1	8270C	09/21/07 5:02	rselph	Q26754
Hexachloroethane	BRL	µg/kg	390	16	1	8270C	09/21/07 5:02	rselph	Q26754
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	390	37	1	8270C	09/21/07 5:02	rselph	Q26754
Isophorone	BRL	µg/kg	390	37	1	8270C	09/21/07 5:02	rselph	Q26754
N-Nitrosodi-n-propylamine	BRL	µg/kg	390	23	1	8270C	09/21/07 5:02	rselph	Q26754
N-Nitrosodiphenylamine	BRL	µg/kg	390	57	1	8270C	09/21/07 5:02	rselph	Q26754
Naphthalene	BRL	µg/kg	390	47	1	8270C	09/21/07 5:02	rselph	Q26754
Nitrobenzene	BRL	µg/kg	390	49	1	8270C	09/21/07 5:02	rselph	Q26754

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Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA1 @ 2-3'
Prism Sample ID 192532
COC Group: G0907194
Time Collected: 09/07/07 11:10
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Pentachlorophenol	BRL	µg/kg	390	60	1	8270C	09/21/07 5:02	rselph	Q26754
Phenanthrene	BRL	µg/kg	390	33	1	8270C	09/21/07 5:02	rselph	Q26754
Phenol	BRL	µg/kg	390	69	1	8270C	09/21/07 5:02	rselph	Q26754
Pyrene	BRL	µg/kg	390	75	1	8270C	09/21/07 5:02	rselph	Q26754
Sample Preparation:			30.49 g	/	1 mL	3550B	09/19/07 14:00	pbarr	P19526

Surrogate	% Recovery	Control Limits
Terphenyl-d14	106	41 - 136
Phenol-d5	82	13 - 95
Nitrobenzene-d5	85	14 - 103
2-Fluorophenol	81	14 - 89
2-Fluorobiphenyl	86	21 - 108
2,4,6-Tribromophenol	90	25 - 123

Mercury by CVAA

Mercury	BRL	mg/kg	0.024	0.0041	1	7471A	09/13/07 10:44	jhoppel	Q26514

* Analysis Note for Mercury: Matrix interference is suspected. Post-digestion spike recovery (78%) is outside the acceptance limits (85-115%).

Sample Preparation:			0.6 g	/	50 mL	7471A	09/13/07 8:00	jhoppel	P19433

Metals by ICP

Antimony	BRL	mg/kg	0.24	0.064	1	6010B	09/13/07 14:58	mcampbell	Q26511
Arsenic	1.8	mg/kg	0.61	0.080	1	6010B	09/13/07 14:58	mcampbell	Q26511
Beryllium	0.72	mg/kg	0.30	0.0073	1	6010B	09/13/07 14:58	mcampbell	Q26511
Cadmium	BRL	mg/kg	0.30	0.0073	1	6010B	09/13/07 14:58	mcampbell	Q26511
Chromium	17	mg/kg	0.30	0.017	1	6010B	09/13/07 14:58	mcampbell	Q26511
Copper	10	mg/kg	0.61	0.26	1	6010B	09/13/07 14:58	mcampbell	Q26511
Lead	7.7	mg/kg	0.30	0.019	1	6010B	09/13/07 14:58	mcampbell	Q26511
Manganese	75	mg/kg	0.30	0.036	1	6010B	09/13/07 14:58	mcampbell	Q26511
Nickel	4.6	mg/kg	0.61	0.073	1	6010B	09/13/07 14:58	mcampbell	Q26511

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA1 @ 2-3'
Prism Sample ID 192532
COC Group: G0907194
Time Collected: 09/07/07 11:10
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Selenium	BRL	mg/kg	0.61	0.12	1	6010B	09/13/07 14:58	mcampbell	Q26511
Silver	BRL	mg/kg	0.30	0.019	1	6010B	09/13/07 14:58	mcampbell	Q26511
Thallium	BRL	mg/kg	0.61	0.11	1	6010B	09/13/07 14:58	mcampbell	Q26511
Zinc	20	mg/kg	3.0	0.22	1	6010B	09/13/07 14:58	mcampbell	Q26511
Sample Preparation:				1.99 g / 50 mL		3050B	09/12/07 7:20	ddixon	P19430

Sample Comment(s):

BRL = Below Reporting Limit
Values are reported down to the Reporting Limit only.
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA2 @ 0-1'
Prism Sample ID 192533
COC Group: G0907194
Time Collected: 09/07/07 13:00
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	87.7	%			1	SM2540 G	09/14/07 8:53	heasler	Q26555
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	4.6	0.45	1	8260B	09/14/07 16:44	lwitry	Q26553
1,1,1-Trichloroethane	BRL	µg/kg	4.6	0.26	1	8260B	09/14/07 16:44	lwitry	Q26553
1,1,2,2-Tetrachloroethane	BRL	µg/kg	4.6	0.47	1	8260B	09/14/07 16:44	lwitry	Q26553
1,1,2-Trichloroethane	BRL	µg/kg	4.6	0.28	1	8260B	09/14/07 16:44	lwitry	Q26553
1,1-Dichloroethane	BRL	µg/kg	4.6	0.33	1	8260B	09/14/07 16:44	lwitry	Q26553
1,1-Dichloroethene	BRL	µg/kg	4.6	0.35	1	8260B	09/14/07 16:44	lwitry	Q26553
1,1-Dichloropropene	BRL	µg/kg	4.6	0.40	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2,3-Trichlorobenzene	BRL	µg/kg	9.2	0.50	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2,3-Trichloropropane	BRL	µg/kg	4.6	0.40	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2,4-Trichlorobenzene	BRL	µg/kg	9.2	0.44	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2,4-Trimethylbenzene	BRL	µg/kg	9.2	0.35	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2-Dibromo-3-chloropropane	BRL	µg/kg	4.6	0.73	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2-Dibromoethane (EDB)	BRL	µg/kg	4.6	0.083	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2-Dichlorobenzene	BRL	µg/kg	9.2	0.25	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2-Dichloroethane	BRL	µg/kg	4.6	0.46	1	8260B	09/14/07 16:44	lwitry	Q26553
1,2-Dichloropropane	BRL	µg/kg	4.6	0.34	1	8260B	09/14/07 16:44	lwitry	Q26553
1,3,5-Trimethylbenzene	BRL	µg/kg	9.2	0.39	1	8260B	09/14/07 16:44	lwitry	Q26553
1,3-Dichlorobenzene	BRL	µg/kg	9.2	0.39	1	8260B	09/14/07 16:44	lwitry	Q26553
1,3-Dichloropropane	BRL	µg/kg	4.6	0.31	1	8260B	09/14/07 16:44	lwitry	Q26553
1,4-Dichlorobenzene	BRL	µg/kg	9.2	0.36	1	8260B	09/14/07 16:44	lwitry	Q26553
2,2-Dichloropropane	BRL	µg/kg	4.6	0.23	1	8260B	09/14/07 16:44	lwitry	Q26553
2-Chloroethyl vinyl ether	BRL	µg/kg	9.2	0.34	1	8260B	09/14/07 16:44	lwitry	Q26553
2-Chlorotoluene	BRL	µg/kg	9.2	0.34	1	8260B	09/14/07 16:44	lwitry	Q26553
2-Hexanone	BRL	µg/kg	46	0.48	1	8260B	09/14/07 16:44	lwitry	Q26553

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Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA2 @ 0-1'
Prism Sample ID 192533
COC Group: G0907194
Time Collected: 09/07/07 13:00
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	9.2	0.24	1	8260B	09/14/07 16:44	lwitry	Q26553
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	9.2	0.46	1	8260B	09/14/07 16:44	lwitry	Q26553
Acetone	54	µg/kg	18	1.8	1	8260B	09/14/07 16:44	lwitry	Q26553
Benzene	BRL	µg/kg	2.8	0.37	1	8260B	09/14/07 16:44	lwitry	Q26553
Bromobenzene	BRL	µg/kg	4.6	0.32	1	8260B	09/14/07 16:44	lwitry	Q26553
Bromochloromethane	BRL	µg/kg	4.6	0.28	1	8260B	09/14/07 16:44	lwitry	Q26553
Bromodichloromethane	BRL	µg/kg	4.6	0.40	1	8260B	09/14/07 16:44	lwitry	Q26553
Bromoform	BRL	µg/kg	4.6	0.34	1	8260B	09/14/07 16:44	lwitry	Q26553
Bromomethane	BRL	µg/kg	9.2	0.53	1	8260B	09/14/07 16:44	lwitry	Q26553
Carbon disulfide	BRL	µg/kg	9.2	0.29	1	8260B	09/14/07 16:44	lwitry	Q26553
Carbon tetrachloride	BRL	µg/kg	4.6	0.27	1	8260B	09/14/07 16:44	lwitry	Q26553
Chlorobenzene	BRL	µg/kg	4.6	0.35	1	8260B	09/14/07 16:44	lwitry	Q26553
Chlorodibromomethane	BRL	µg/kg	4.6	0.31	1	8260B	09/14/07 16:44	lwitry	Q26553
Chloroethane	BRL	µg/kg	9.2	0.38	1	8260B	09/14/07 16:44	lwitry	Q26553
Chloroform	BRL	µg/kg	4.6	0.34	1	8260B	09/14/07 16:44	lwitry	Q26553
Chloromethane	BRL	µg/kg	9.2	0.32	1	8260B	09/14/07 16:44	lwitry	Q26553
cis-1,2-Dichloroethene	BRL	µg/kg	4.6	0.20	1	8260B	09/14/07 16:44	lwitry	Q26553
cis-1,3-Dichloropropene	BRL	µg/kg	4.6	0.29	1	8260B	09/14/07 16:44	lwitry	Q26553
Dibromomethane	BRL	µg/kg	4.6	0.34	1	8260B	09/14/07 16:44	lwitry	Q26553
Dichlorodifluoromethane	BRL	µg/kg	9.2	1.0	1	8260B	09/14/07 16:44	lwitry	Q26553
Ethylbenzene	BRL	µg/kg	4.6	0.32	1	8260B	09/14/07 16:44	lwitry	Q26553
Hexachlorobutadiene	BRL	µg/kg	14	0.57	1	8260B	09/14/07 16:44	lwitry	Q26553
Isopropyl ether (IPE)	BRL	µg/kg	4.6	0.16	1	8260B	09/14/07 16:44	lwitry	Q26553
Isopropylbenzene	BRL	µg/kg	9.2	0.37	1	8260B	09/14/07 16:44	lwitry	Q26553
m,p-Xylenes	BRL	µg/kg	9.2	0.64	1	8260B	09/14/07 16:44	lwitry	Q26553
Methyl ethyl ketone (MEK)	BRL	µg/kg	18	1.3	1	8260B	09/14/07 16:44	lwitry	Q26553
Methyl t-butyl ether (MTBE)	BRL	µg/kg	4.6	0.27	1	8260B	09/14/07 16:44	lwitry	Q26553

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA2 @ 0-1'
Prism Sample ID 192533
COC Group: G0907194
Time Collected: 09/07/07 13:00
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	9.2	0.38	1	8260B	09/14/07 16:44	lwitry	Q26553
n-Butylbenzene	BRL	µg/kg	14	0.37	1	8260B	09/14/07 16:44	lwitry	Q26553
n-Propylbenzene	BRL	µg/kg	9.2	0.28	1	8260B	09/14/07 16:44	lwitry	Q26553
Naphthalene	BRL	µg/kg	4.6	0.53	1	8260B	09/14/07 16:44	lwitry	Q26553
o-Xylene	BRL	µg/kg	4.6	0.28	1	8260B	09/14/07 16:44	lwitry	Q26553
p-Isopropyltoluene	BRL	µg/kg	14	0.38	1	8260B	09/14/07 16:44	lwitry	Q26553
sec-Butylbenzene	BRL	µg/kg	14	0.30	1	8260B	09/14/07 16:44	lwitry	Q26553
Styrene	BRL	µg/kg	4.6	0.46	1	8260B	09/14/07 16:44	lwitry	Q26553
tert-Butylbenzene	BRL	µg/kg	18	0.28	1	8260B	09/14/07 16:44	lwitry	Q26553
Tetrachloroethene	430	µg/kg	420	42	50	8260B	09/17/07 13:48	lwitry	Q26553
Toluene	BRL	µg/kg	4.6	0.31	1	8260B	09/14/07 16:44	lwitry	Q26553
trans-1,2-Dichloroethene	BRL	µg/kg	4.6	0.35	1	8260B	09/14/07 16:44	lwitry	Q26553
trans-1,3-Dichloropropene	BRL	µg/kg	4.6	0.32	1	8260B	09/14/07 16:44	lwitry	Q26553
Trichloroethene	48	µg/kg	4.6	0.28	1	8260B	09/14/07 16:44	lwitry	Q26553
Trichlorofluoromethane	BRL	µg/kg	4.6	0.38	1	8260B	09/14/07 16:44	lwitry	Q26553
Vinyl chloride	BRL	µg/kg	9.2	0.59	1	8260B	09/14/07 16:44	lwitry	Q26553

Surrogate	% Recovery	Control Limits
Toluene-d8	102	81 - 128
Dibromofluoromethane	99	67 - 143
Bromofluorobenzene	111	77 - 128

Sample Weight Determination

Weight Bisulfate 1	6.21	g		1	5035	09/14/07 0:00	lbrown	
Weight Bisulfate 2	6.63	g		1	5035	09/14/07 0:00	lbrown	
Weight Methanol	5.87	g		1	5035	09/14/07 0:00	lbrown	

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	380	42	1	8270C	09/21/07 7:30	rselph	Q26755

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Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA2 @ 0-1'
Prism Sample ID 192533
COC Group: G0907194
Time Collected: 09/07/07 13:00
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichlorobenzene	BRL	µg/kg	380	42	1	8270C	09/21/07 7:30	rselph	Q26755
1,3-Dichlorobenzene	BRL	µg/kg	380	37	1	8270C	09/21/07 7:30	rselph	Q26755
1,4-Dichlorobenzene	BRL	µg/kg	380	45	1	8270C	09/21/07 7:30	rselph	Q26755
2,4,5-Trichlorophenol	BRL	µg/kg	380	45	1	8270C	09/21/07 7:30	rselph	Q26755
2,4,6-Trichlorophenol	BRL	µg/kg	380	41	1	8270C	09/21/07 7:30	rselph	Q26755
2,4-Dichlorophenol	BRL	µg/kg	380	25	1	8270C	09/21/07 7:30	rselph	Q26755
2,4-Dimethylphenol	BRL	µg/kg	380	56	1	8270C	09/21/07 7:30	rselph	Q26755
2,4-Dinitrophenol	BRL	µg/kg	380	110	1	8270C	09/21/07 7:30	rselph	Q26755
2,4-Dinitrotoluene	BRL	µg/kg	380	49	1	8270C	09/21/07 7:30	rselph	Q26755
2,6-Dinitrotoluene	BRL	µg/kg	380	68	1	8270C	09/21/07 7:30	rselph	Q26755
2-Chloronaphthalene	BRL	µg/kg	380	47	1	8270C	09/21/07 7:30	rselph	Q26755
2-Chlorophenol	BRL	µg/kg	380	16	1	8270C	09/21/07 7:30	rselph	Q26755
2-Methylnaphthalene	BRL	µg/kg	380	42	1	8270C	09/21/07 7:30	rselph	Q26755
2-Methylphenol	BRL	µg/kg	380	30	1	8270C	09/21/07 7:30	rselph	Q26755
2-Nitrophenol	BRL	µg/kg	380	53	1	8270C	09/21/07 7:30	rselph	Q26755
3&4-Methylphenol	BRL	µg/kg	380	44	1	8270C	09/21/07 7:30	rselph	Q26755
3,3'-Dichlorobenzidine	BRL	µg/kg	380	68	1	8270C	09/21/07 7:30	rselph	Q26755
4,6-Dinitro-2-methylphenol	BRL	µg/kg	380	32	1	8270C	09/21/07 7:30	rselph	Q26755
4-Bromophenylphenylether	BRL	µg/kg	380	47	1	8270C	09/21/07 7:30	rselph	Q26755
4-Chloro-3-methylphenol	BRL	µg/kg	380	45	1	8270C	09/21/07 7:30	rselph	Q26755
4-Chlorophenylphenylether	BRL	µg/kg	380	48	1	8270C	09/21/07 7:30	rselph	Q26755
4-Nitrophenol	BRL	µg/kg	380	48	1	8270C	09/21/07 7:30	rselph	Q26755
Acenaphthene	BRL	µg/kg	380	51	1	8270C	09/21/07 7:30	rselph	Q26755
Acenaphthylene	BRL	µg/kg	380	35	1	8270C	09/21/07 7:30	rselph	Q26755
Anthracene	BRL	µg/kg	380	27	1	8270C	09/21/07 7:30	rselph	Q26755
Benzo(a)anthracene	BRL	µg/kg	380	42	1	8270C	09/21/07 7:30	rselph	Q26755
Benzo(a)pyrene	BRL	µg/kg	380	48	1	8270C	09/21/07 7:30	rselph	Q26755

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA2 @ 0-1'
Prism Sample ID 192533
COC Group: G0907194
Time Collected: 09/07/07 13:00
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Benzo(b)fluoranthene	BRL	µg/kg	380	77	1	8270C	09/21/07 7:30	rselph	Q26755
Benzo(g,h,i)perylene	BRL	µg/kg	380	48	1	8270C	09/21/07 7:30	rselph	Q26755
Benzo(k)fluoranthene	BRL	µg/kg	380	100	1	8270C	09/21/07 7:30	rselph	Q26755
Bis(2-chloroethoxy)methane	BRL	µg/kg	380	64	1	8270C	09/21/07 7:30	rselph	Q26755
Bis(2-chloroethyl)ether	BRL	µg/kg	380	47	1	8270C	09/21/07 7:30	rselph	Q26755
Bis(2-chloroisopropyl)ether	BRL	µg/kg	380	38	1	8270C	09/21/07 7:30	rselph	Q26755
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	380	29	1	8270C	09/21/07 7:30	rselph	Q26755
Butylbenzylphthalate	BRL	µg/kg	380	46	1	8270C	09/21/07 7:30	rselph	Q26755
Chrysene	BRL	µg/kg	380	25	1	8270C	09/21/07 7:30	rselph	Q26755
Di-n-butylphthalate	BRL	µg/kg	380	60	1	8270C	09/21/07 7:30	rselph	Q26755
Di-n-octylphthalate	BRL	µg/kg	380	110	1	8270C	09/21/07 7:30	rselph	Q26755
Dibenzo(a,h)anthracene	BRL	µg/kg	380	35	1	8270C	09/21/07 7:30	rselph	Q26755
Dibenzofuran	BRL	µg/kg	380	46	1	8270C	09/21/07 7:30	rselph	Q26755
Diethylphthalate	BRL	µg/kg	380	97	1	8270C	09/21/07 7:30	rselph	Q26755
Dimethylphthalate	BRL	µg/kg	380	56	1	8270C	09/21/07 7:30	rselph	Q26755
Fluoranthene	BRL	µg/kg	380	67	1	8270C	09/21/07 7:30	rselph	Q26755
Fluorene	BRL	µg/kg	380	54	1	8270C	09/21/07 7:30	rselph	Q26755
Hexachlorobenzene	BRL	µg/kg	380	52	1	8270C	09/21/07 7:30	rselph	Q26755
Hexachlorobutadiene	BRL	µg/kg	380	37	1	8270C	09/21/07 7:30	rselph	Q26755
Hexachlorocyclopentadiene	BRL	µg/kg	380	56	1	8270C	09/21/07 7:30	rselph	Q26755
Hexachloroethane	BRL	µg/kg	380	16	1	8270C	09/21/07 7:30	rselph	Q26755
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	380	36	1	8270C	09/21/07 7:30	rselph	Q26755
Isophorone	BRL	µg/kg	380	36	1	8270C	09/21/07 7:30	rselph	Q26755
N-Nitrosodi-n-propylamine	BRL	µg/kg	380	22	1	8270C	09/21/07 7:30	rselph	Q26755
N-Nitrosodiphenylamine	BRL	µg/kg	380	55	1	8270C	09/21/07 7:30	rselph	Q26755
Naphthalene	BRL	µg/kg	380	45	1	8270C	09/21/07 7:30	rselph	Q26755
Nitrobenzene	BRL	µg/kg	380	47	1	8270C	09/21/07 7:30	rselph	Q26755

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn: James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID: BSA2 @ 0-1'
Prism Sample ID: 192533
COC Group: G0907194
Time Collected: 09/07/07 13:00
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Pentachlorophenol	BRL	µg/kg	380	58	1	8270C	09/21/07 7:30	rselph	Q26755
Phenanthrene	BRL	µg/kg	380	32	1	8270C	09/21/07 7:30	rselph	Q26755
Phenol	BRL	µg/kg	380	66	1	8270C	09/21/07 7:30	rselph	Q26755
Pyrene	BRL	µg/kg	380	72	1	8270C	09/21/07 7:30	rselph	Q26755
Sample Preparation:			29.95 g	/	1 mL	3550B	09/20/07 13:00	pbarr	P19529

Surrogate	% Recovery	Control Limits
Terphenyl-d14	121	41 - 136
Phenol-d5	78	13 - 95
Nitrobenzene-d5	86	14 - 103
2-Fluorophenol	75	14 - 89
2-Fluorobiphenyl	90	21 - 108
2,4,6-Tribromophenol	94	25 - 123

Mercury by CVAA									
Mercury	BRL	mg/kg	0.023	0.0039	1	7471A	09/13/07 11:06	jhoppel	Q26514
Sample Preparation:			0.6 g	/	50 mL	7471A	09/13/07 8:00	jhoppel	P19433
Metals by ICP									
Antimony	BRL	mg/kg	0.23	0.060	1	6010B	09/13/07 15:17	mcampbell	Q26511
Arsenic	1.4	mg/kg	0.56	0.075	1	6010B	09/13/07 15:17	mcampbell	Q26511
Beryllium	0.55	mg/kg	0.28	0.0068	1	6010B	09/13/07 15:17	mcampbell	Q26511
Cadmium	BRL	mg/kg	0.28	0.0068	1	6010B	09/13/07 15:17	mcampbell	Q26511
Chromium	24	mg/kg	0.28	0.016	1	6010B	09/13/07 15:17	mcampbell	Q26511
Copper	7.0	mg/kg	0.56	0.25	1	6010B	09/13/07 15:17	mcampbell	Q26511
Lead	9.5	mg/kg	0.28	0.018	1	6010B	09/13/07 15:17	mcampbell	Q26511
Manganese	110	mg/kg	0.28	0.034	1	6010B	09/13/07 15:17	mcampbell	Q26511
Nickel	6.4	mg/kg	0.56	0.068	1	6010B	09/13/07 15:17	mcampbell	Q26511
Selenium	BRL	mg/kg	0.56	0.11	1	6010B	09/13/07 15:17	mcampbell	Q26511

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09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA2 @ 0-1'
Prism Sample ID 192533
COC Group: G0907194
Time Collected: 09/07/07 13:00
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Silver	**BRL**	mg/kg	0.28	0.018	1	6010B	09/13/07 15:17	mcampbell	Q26511
Thallium	**BRL**	mg/kg	0.56	0.098	1	6010B	09/13/07 15:17	mcampbell	Q26511
Zinc	**16**	mg/kg	2.8	0.21	1	6010B	09/13/07 15:17	mcampbell	Q26511
Sample Preparation:				2.02 g /	50 mL	3050B	09/12/07 7:20	ddixon	P19430

Sample Comment(s):

BRL = Below Reporting Limit
Values are reported down to the Reporting Limit only.
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Attn James Wellons
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Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA3 @ 2-3'
Prism Sample ID 192534
COC Group: G0907194
Time Collected: 09/07/07 12:45
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	81.6	%			1	SM2540 G	09/14/07 8:53	heasler	Q26555
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.2	0.51	1	8260B	09/14/07 17:28	lwitry	Q26553
1,1,1-Trichloroethane	BRL	µg/kg	5.2	0.29	1	8260B	09/14/07 17:28	lwitry	Q26553
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.2	0.53	1	8260B	09/14/07 17:28	lwitry	Q26553
1,1,2-Trichloroethane	BRL	µg/kg	5.2	0.32	1	8260B	09/14/07 17:28	lwitry	Q26553
1,1-Dichloroethane	BRL	µg/kg	5.2	0.38	1	8260B	09/14/07 17:28	lwitry	Q26553
1,1-Dichloroethene	BRL	µg/kg	5.2	0.40	1	8260B	09/14/07 17:28	lwitry	Q26553
1,1-Dichloropropene	BRL	µg/kg	5.2	0.46	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2,3-Trichlorobenzene	BRL	µg/kg	10	0.57	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2,3-Trichloropropane	BRL	µg/kg	5.2	0.46	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2,4-Trichlorobenzene	BRL	µg/kg	10	0.50	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2,4-Trimethylbenzene	BRL	µg/kg	10	0.40	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2-Dibromo-3-chloropropane	BRL	µg/kg	5.2	0.82	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.2	0.094	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2-Dichlorobenzene	BRL	µg/kg	10	0.28	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2-Dichloroethane	BRL	µg/kg	5.2	0.52	1	8260B	09/14/07 17:28	lwitry	Q26553
1,2-Dichloropropane	BRL	µg/kg	5.2	0.39	1	8260B	09/14/07 17:28	lwitry	Q26553
1,3,5-Trimethylbenzene	BRL	µg/kg	10	0.44	1	8260B	09/14/07 17:28	lwitry	Q26553
1,3-Dichlorobenzene	BRL	µg/kg	10	0.45	1	8260B	09/14/07 17:28	lwitry	Q26553
1,3-Dichloropropane	BRL	µg/kg	5.2	0.35	1	8260B	09/14/07 17:28	lwitry	Q26553
1,4-Dichlorobenzene	BRL	µg/kg	10	0.41	1	8260B	09/14/07 17:28	lwitry	Q26553
2,2-Dichloropropane	BRL	µg/kg	5.2	0.26	1	8260B	09/14/07 17:28	lwitry	Q26553
2-Chloroethyl vinyl ether	BRL	µg/kg	10	0.39	1	8260B	09/14/07 17:28	lwitry	Q26553
2-Chlorotoluene	BRL	µg/kg	10	0.39	1	8260B	09/14/07 17:28	lwitry	Q26553
2-Hexanone	BRL	µg/kg	52	0.54	1	8260B	09/14/07 17:28	lwitry	Q26553

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09/21/07

Hart & Hickman
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Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA3 @ 2-3'
Prism Sample ID 192534
COC Group: G0907194
Time Collected: 09/07/07 12:45
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	10	0.27	1	8260B	09/14/07 17:28	lwitry	Q26553
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	10	0.52	1	8260B	09/14/07 17:28	lwitry	Q26553
Acetone	BRL	µg/kg	21	2.0	1	8260B	09/14/07 17:28	lwitry	Q26553
Benzene	BRL	µg/kg	3.1	0.42	1	8260B	09/14/07 17:28	lwitry	Q26553
Bromobenzene	BRL	µg/kg	5.2	0.36	1	8260B	09/14/07 17:28	lwitry	Q26553
Bromochloromethane	BRL	µg/kg	5.2	0.31	1	8260B	09/14/07 17:28	lwitry	Q26553
Bromodichloromethane	BRL	µg/kg	5.2	0.46	1	8260B	09/14/07 17:28	lwitry	Q26553
Bromoform	BRL	µg/kg	5.2	0.39	1	8260B	09/14/07 17:28	lwitry	Q26553
Bromomethane	BRL	µg/kg	10	0.60	1	8260B	09/14/07 17:28	lwitry	Q26553
Carbon disulfide	BRL	µg/kg	10	0.33	1	8260B	09/14/07 17:28	lwitry	Q26553
Carbon tetrachloride	BRL	µg/kg	5.2	0.30	1	8260B	09/14/07 17:28	lwitry	Q26553
Chlorobenzene	BRL	µg/kg	5.2	0.40	1	8260B	09/14/07 17:28	lwitry	Q26553
Chlorodibromomethane	BRL	µg/kg	5.2	0.35	1	8260B	09/14/07 17:28	lwitry	Q26553
Chloroethane	BRL	µg/kg	10	0.43	1	8260B	09/14/07 17:28	lwitry	Q26553
Chloroform	BRL	µg/kg	5.2	0.39	1	8260B	09/14/07 17:28	lwitry	Q26553
Chloromethane	BRL	µg/kg	10	0.36	1	8260B	09/14/07 17:28	lwitry	Q26553
cis-1,2-Dichloroethene	BRL	µg/kg	5.2	0.23	1	8260B	09/14/07 17:28	lwitry	Q26553
cis-1,3-Dichloropropene	BRL	µg/kg	5.2	0.33	1	8260B	09/14/07 17:28	lwitry	Q26553
Dibromomethane	BRL	µg/kg	5.2	0.39	1	8260B	09/14/07 17:28	lwitry	Q26553
Dichlorodifluoromethane	BRL	µg/kg	10	1.2	1	8260B	09/14/07 17:28	lwitry	Q26553
Ethylbenzene	BRL	µg/kg	5.2	0.36	1	8260B	09/14/07 17:28	lwitry	Q26553
Hexachlorobutadiene	BRL	µg/kg	16	0.65	1	8260B	09/14/07 17:28	lwitry	Q26553
Isopropyl ether (IPE)	BRL	µg/kg	5.2	0.18	1	8260B	09/14/07 17:28	lwitry	Q26553
Isopropylbenzene	BRL	µg/kg	10	0.42	1	8260B	09/14/07 17:28	lwitry	Q26553
m,p-Xylenes	BRL	µg/kg	10	0.73	1	8260B	09/14/07 17:28	lwitry	Q26553
Methyl ethyl ketone (MEK)	BRL	µg/kg	21	1.5	1	8260B	09/14/07 17:28	lwitry	Q26553
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.2	0.30	1	8260B	09/14/07 17:28	lwitry	Q26553

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA3 @ 2-3'
Prism Sample ID 192534
COC Group: G0907194
Time Collected: 09/07/07 12:45
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	10	0.43	1	8260B	09/14/07 17:28	lwitry	Q26553
n-Butylbenzene	BRL	µg/kg	16	0.42	1	8260B	09/14/07 17:28	lwitry	Q26553
n-Propylbenzene	BRL	µg/kg	10	0.31	1	8260B	09/14/07 17:28	lwitry	Q26553
Naphthalene	BRL	µg/kg	5.2	0.60	1	8260B	09/14/07 17:28	lwitry	Q26553
o-Xylene	BRL	µg/kg	5.2	0.31	1	8260B	09/14/07 17:28	lwitry	Q26553
p-Isopropyltoluene	BRL	µg/kg	16	0.43	1	8260B	09/14/07 17:28	lwitry	Q26553
sec-Butylbenzene	BRL	µg/kg	16	0.34	1	8260B	09/14/07 17:28	lwitry	Q26553
Styrene	BRL	µg/kg	5.2	0.52	1	8260B	09/14/07 17:28	lwitry	Q26553
tert-Butylbenzene	BRL	µg/kg	21	0.32	1	8260B	09/14/07 17:28	lwitry	Q26553
Tetrachloroethene	BRL	µg/kg	10	0.90	1	8260B	09/14/07 17:28	lwitry	Q26553
Toluene	BRL	µg/kg	5.2	0.35	1	8260B	09/14/07 17:28	lwitry	Q26553
trans-1,2-Dichloroethene	BRL	µg/kg	5.2	0.40	1	8260B	09/14/07 17:28	lwitry	Q26553
trans-1,3-Dichloropropene	BRL	µg/kg	5.2	0.36	1	8260B	09/14/07 17:28	lwitry	Q26553
Trichloroethene	BRL	µg/kg	5.2	0.31	1	8260B	09/14/07 17:28	lwitry	Q26553
Trichlorofluoromethane	BRL	µg/kg	5.2	0.43	1	8260B	09/14/07 17:28	lwitry	Q26553
Vinyl chloride	BRL	µg/kg	10	0.67	1	8260B	09/14/07 17:28	lwitry	Q26553

Surrogate	% Recovery	Control Limits
Toluene-d8	101	81 - 128
Dibromofluoromethane	100	67 - 143
Bromofluorobenzene	114	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.88	g			1	5035	09/14/07 0:00	lbrown
Weight Bisulfate 2	5.82	g			1	5035	09/14/07 0:00	lbrown
Weight Methanol	5.55	g			1	5035	09/14/07 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	400	44	1	8270C	09/21/07 8:19	rselph	Q26755

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Client Sample ID BSA3 @ 2-3'
Prism Sample ID 192534
COC Group: G0907194
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Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichlorobenzene	BRL	µg/kg	400	45	1	8270C	09/21/07 8:19	rselph	Q26755
1,3-Dichlorobenzene	BRL	µg/kg	400	39	1	8270C	09/21/07 8:19	rselph	Q26755
1,4-Dichlorobenzene	BRL	µg/kg	400	48	1	8270C	09/21/07 8:19	rselph	Q26755
2,4,5-Trichlorophenol	BRL	µg/kg	400	48	1	8270C	09/21/07 8:19	rselph	Q26755
2,4,6-Trichlorophenol	BRL	µg/kg	400	43	1	8270C	09/21/07 8:19	rselph	Q26755
2,4-Dichlorophenol	BRL	µg/kg	400	26	1	8270C	09/21/07 8:19	rselph	Q26755
2,4-Dimethylphenol	BRL	µg/kg	400	60	1	8270C	09/21/07 8:19	rselph	Q26755
2,4-Dinitrophenol	BRL	µg/kg	400	120	1	8270C	09/21/07 8:19	rselph	Q26755
2,4-Dinitrotoluene	BRL	µg/kg	400	53	1	8270C	09/21/07 8:19	rselph	Q26755
2,6-Dinitrotoluene	BRL	µg/kg	400	73	1	8270C	09/21/07 8:19	rselph	Q26755
2-Chloronaphthalene	BRL	µg/kg	400	51	1	8270C	09/21/07 8:19	rselph	Q26755
2-Chlorophenol	BRL	µg/kg	400	17	1	8270C	09/21/07 8:19	rselph	Q26755
2-Methylnaphthalene	BRL	µg/kg	400	45	1	8270C	09/21/07 8:19	rselph	Q26755
2-Methylphenol	BRL	µg/kg	400	32	1	8270C	09/21/07 8:19	rselph	Q26755
2-Nitrophenol	BRL	µg/kg	400	57	1	8270C	09/21/07 8:19	rselph	Q26755
3&4-Methylphenol	BRL	µg/kg	400	47	1	8270C	09/21/07 8:19	rselph	Q26755
3,3'-Dichlorobenzidine	BRL	µg/kg	400	73	1	8270C	09/21/07 8:19	rselph	Q26755
4,6-Dinitro-2-methylphenol	BRL	µg/kg	400	35	1	8270C	09/21/07 8:19	rselph	Q26755
4-Bromophenylphenylether	BRL	µg/kg	400	50	1	8270C	09/21/07 8:19	rselph	Q26755
4-Chloro-3-methylphenol	BRL	µg/kg	400	48	1	8270C	09/21/07 8:19	rselph	Q26755
4-Chlorophenylphenylether	BRL	µg/kg	400	51	1	8270C	09/21/07 8:19	rselph	Q26755
4-Nitrophenol	BRL	µg/kg	400	51	1	8270C	09/21/07 8:19	rselph	Q26755
Acenaphthene	BRL	µg/kg	400	55	1	8270C	09/21/07 8:19	rselph	Q26755
Acenaphthylene	BRL	µg/kg	400	38	1	8270C	09/21/07 8:19	rselph	Q26755
Anthracene	BRL	µg/kg	400	29	1	8270C	09/21/07 8:19	rselph	Q26755
Benzo(a)anthracene	BRL	µg/kg	400	45	1	8270C	09/21/07 8:19	rselph	Q26755
Benzo(a)pyrene	BRL	µg/kg	400	51	1	8270C	09/21/07 8:19	rselph	Q26755

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Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA3 @ 2-3'
Prism Sample ID 192534
COC Group: G0907194
Time Collected: 09/07/07 12:45
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Benzo(b)fluoranthene	BRL	µg/kg	400	82	1	8270C	09/21/07 8:19	rselph	Q26755
Benzo(g,h,i)perylene	BRL	µg/kg	400	51	1	8270C	09/21/07 8:19	rselph	Q26755
Benzo(k)fluoranthene	BRL	µg/kg	400	110	1	8270C	09/21/07 8:19	rselph	Q26755
Bis(2-chloroethoxy)methane	BRL	µg/kg	400	68	1	8270C	09/21/07 8:19	rselph	Q26755
Bis(2-chloroethyl)ether	BRL	µg/kg	400	50	1	8270C	09/21/07 8:19	rselph	Q26755
Bis(2-chloroisopropyl)ether	BRL	µg/kg	400	40	1	8270C	09/21/07 8:19	rselph	Q26755
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	400	31	1	8270C	09/21/07 8:19	rselph	Q26755
Butylbenzylphthalate	BRL	µg/kg	400	50	1	8270C	09/21/07 8:19	rselph	Q26755
Chrysene	BRL	µg/kg	400	27	1	8270C	09/21/07 8:19	rselph	Q26755
Di-n-butylphthalate	BRL	µg/kg	400	65	1	8270C	09/21/07 8:19	rselph	Q26755
Di-n-octylphthalate	BRL	µg/kg	400	120	1	8270C	09/21/07 8:19	rselph	Q26755
Dibenzo(a,h)anthracene	BRL	µg/kg	400	38	1	8270C	09/21/07 8:19	rselph	Q26755
Dibenzofuran	BRL	µg/kg	400	49	1	8270C	09/21/07 8:19	rselph	Q26755
Diethylphthalate	BRL	µg/kg	400	100	1	8270C	09/21/07 8:19	rselph	Q26755
Dimethylphthalate	BRL	µg/kg	400	60	1	8270C	09/21/07 8:19	rselph	Q26755
Fluoranthene	BRL	µg/kg	400	71	1	8270C	09/21/07 8:19	rselph	Q26755
Fluorene	BRL	µg/kg	400	57	1	8270C	09/21/07 8:19	rselph	Q26755
Hexachlorobenzene	BRL	µg/kg	400	55	1	8270C	09/21/07 8:19	rselph	Q26755
Hexachlorobutadiene	BRL	µg/kg	400	40	1	8270C	09/21/07 8:19	rselph	Q26755
Hexachlorocyclopentadiene	BRL	µg/kg	400	60	1	8270C	09/21/07 8:19	rselph	Q26755
Hexachloroethane	BRL	µg/kg	400	17	1	8270C	09/21/07 8:19	rselph	Q26755
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	400	38	1	8270C	09/21/07 8:19	rselph	Q26755
Isophorone	BRL	µg/kg	400	38	1	8270C	09/21/07 8:19	rselph	Q26755
N-Nitrosodi-n-propylamine	BRL	µg/kg	400	23	1	8270C	09/21/07 8:19	rselph	Q26755
N-Nitrosodiphenylamine	BRL	µg/kg	400	58	1	8270C	09/21/07 8:19	rselph	Q26755
Naphthalene	BRL	µg/kg	400	48	1	8270C	09/21/07 8:19	rselph	Q26755
Nitrobenzene	BRL	µg/kg	400	51	1	8270C	09/21/07 8:19	rselph	Q26755

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Laboratory Report

09/21/07

Hart & Hickman
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2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA3 @ 2-3'
Prism Sample ID 192534
COC Group: G0907194
Time Collected: 09/07/07 12:45
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Pentachlorophenol	BRL	µg/kg	400	62	1	8270C	09/21/07 8:19	rselph	Q26755
Phenanthrene	BRL	µg/kg	400	34	1	8270C	09/21/07 8:19	rselph	Q26755
Phenol	BRL	µg/kg	400	71	1	8270C	09/21/07 8:19	rselph	Q26755
Pyrene	BRL	µg/kg	400	77	1	8270C	09/21/07 8:19	rselph	Q26755
Sample Preparation:			30.1 g /		1 mL	3550B	09/20/07 13:00	pbarr	P19529

Surrogate	% Recovery	Control Limits
Terphenyl-d14	95	41 - 136
Phenol-d5	66	13 - 95
Nitrobenzene-d5	71	14 - 103
2-Fluorophenol	61	14 - 89
2-Fluorobiphenyl	70	21 - 108
2,4,6-Tribromophenol	72	25 - 123

Mercury by CVAA									
Mercury	**0.027**	mg/kg	0.025	0.0042	1	7471A	09/13/07 11:10	jhoppel	Q26514
Sample Preparation:			0.6 g /		50 mL	7471A	09/13/07 8:00	jhoppel	P19433
Metals by ICP									
Antimony	BRL	mg/kg	0.24	0.065	1	6010B	09/13/07 15:25	mcampbell	Q26511
Arsenic	**1.5**	mg/kg	0.61	0.080	1	6010B	09/13/07 15:25	mcampbell	Q26511
Beryllium	**0.56**	mg/kg	0.30	0.0073	1	6010B	09/13/07 15:25	mcampbell	Q26511
Cadmium	BRL	mg/kg	0.30	0.0073	1	6010B	09/13/07 15:25	mcampbell	Q26511
Chromium	**14**	mg/kg	0.30	0.017	1	6010B	09/13/07 15:25	mcampbell	Q26511
Copper	**12**	mg/kg	0.61	0.27	1	6010B	09/13/07 15:25	mcampbell	Q26511
Lead	**8.3**	mg/kg	0.30	0.020	1	6010B	09/13/07 15:25	mcampbell	Q26511
Manganese	**100**	mg/kg	0.30	0.037	1	6010B	09/13/07 15:25	mcampbell	Q26511
Nickel	**4.9**	mg/kg	0.61	0.073	1	6010B	09/13/07 15:25	mcampbell	Q26511
Selenium	BRL	mg/kg	0.61	0.12	1	6010B	09/13/07 15:25	mcampbell	Q26511

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Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA3 @ 2-3'
Prism Sample ID 192534
COC Group: G0907194
Time Collected: 09/07/07 12:45
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Silver	**BRL**	mg/kg	0.30	0.020	1	6010B	09/13/07 15:25	mcampbell	Q26511
Thallium	**BRL**	mg/kg	0.61	0.11	1	6010B	09/13/07 15:25	mcampbell	Q26511
Zinc	**17**	mg/kg	3.0	0.22	1	6010B	09/13/07 15:25	mcampbell	Q26511
Sample Preparation:			2.01 g /	50 mL		3050B	09/12/07 7:20	ddixon	P19430

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the Reporting Limit only.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA4 @ 2-3'
Prism Sample ID 192535
COC Group: G0907194
Time Collected: 09/07/07 11:55
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	79.1	%			1	SM2540 G	09/14/07 8:53	heasler	Q26555
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.6	0.55	1	8260B	09/14/07 18:12	lwitry	Q26553
1,1,1-Trichloroethane	BRL	µg/kg	5.6	0.31	1	8260B	09/14/07 18:12	lwitry	Q26553
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.6	0.57	1	8260B	09/14/07 18:12	lwitry	Q26553
1,1,2-Trichloroethane	BRL	µg/kg	5.6	0.35	1	8260B	09/14/07 18:12	lwitry	Q26553
1,1-Dichloroethane	BRL	µg/kg	5.6	0.40	1	8260B	09/14/07 18:12	lwitry	Q26553
1,1-Dichloroethene	BRL	µg/kg	5.6	0.43	1	8260B	09/14/07 18:12	lwitry	Q26553
1,1-Dichloropropene	BRL	µg/kg	5.6	0.49	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.62	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2,3-Trichloropropane	BRL	µg/kg	5.6	0.49	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.54	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.43	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2-Dibromo-3-chloropropane	BRL	µg/kg	5.6	0.89	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.6	0.10	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2-Dichlorobenzene	BRL	µg/kg	11	0.30	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2-Dichloroethane	BRL	µg/kg	5.6	0.56	1	8260B	09/14/07 18:12	lwitry	Q26553
1,2-Dichloropropane	BRL	µg/kg	5.6	0.42	1	8260B	09/14/07 18:12	lwitry	Q26553
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.47	1	8260B	09/14/07 18:12	lwitry	Q26553
1,3-Dichlorobenzene	BRL	µg/kg	11	0.48	1	8260B	09/14/07 18:12	lwitry	Q26553
1,3-Dichloropropane	BRL	µg/kg	5.6	0.38	1	8260B	09/14/07 18:12	lwitry	Q26553
1,4-Dichlorobenzene	BRL	µg/kg	11	0.44	1	8260B	09/14/07 18:12	lwitry	Q26553
2,2-Dichloropropane	BRL	µg/kg	5.6	0.28	1	8260B	09/14/07 18:12	lwitry	Q26553
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.42	1	8260B	09/14/07 18:12	lwitry	Q26553
2-Chlorotoluene	BRL	µg/kg	11	0.42	1	8260B	09/14/07 18:12	lwitry	Q26553
2-Hexanone	BRL	µg/kg	56	0.58	1	8260B	09/14/07 18:12	lwitry	Q26553

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA4 @ 2-3'
Prism Sample ID 192535
COC Group: G0907194
Time Collected: 09/07/07 11:55
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	11	0.29	1	8260B	09/14/07 18:12	lwitry	Q26553
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	0.56	1	8260B	09/14/07 18:12	lwitry	Q26553
Acetone	BRL	µg/kg	22	2.2	1	8260B	09/14/07 18:12	lwitry	Q26553
Benzene	BRL	µg/kg	3.4	0.45	1	8260B	09/14/07 18:12	lwitry	Q26553
Bromobenzene	BRL	µg/kg	5.6	0.39	1	8260B	09/14/07 18:12	lwitry	Q26553
Bromochloromethane	BRL	µg/kg	5.6	0.34	1	8260B	09/14/07 18:12	lwitry	Q26553
Bromodichloromethane	BRL	µg/kg	5.6	0.49	1	8260B	09/14/07 18:12	lwitry	Q26553
Bromoform	BRL	µg/kg	5.6	0.42	1	8260B	09/14/07 18:12	lwitry	Q26553
Bromomethane	BRL	µg/kg	11	0.65	1	8260B	09/14/07 18:12	lwitry	Q26553
Carbon disulfide	BRL	µg/kg	11	0.36	1	8260B	09/14/07 18:12	lwitry	Q26553
Carbon tetrachloride	BRL	µg/kg	5.6	0.33	1	8260B	09/14/07 18:12	lwitry	Q26553
Chlorobenzene	BRL	µg/kg	5.6	0.43	1	8260B	09/14/07 18:12	lwitry	Q26553
Chlorodibromomethane	BRL	µg/kg	5.6	0.38	1	8260B	09/14/07 18:12	lwitry	Q26553
Chloroethane	BRL	µg/kg	11	0.46	1	8260B	09/14/07 18:12	lwitry	Q26553
Chloroform	BRL	µg/kg	5.6	0.42	1	8260B	09/14/07 18:12	lwitry	Q26553
Chloromethane	BRL	µg/kg	11	0.39	1	8260B	09/14/07 18:12	lwitry	Q26553
cis-1,2-Dichloroethene	BRL	µg/kg	5.6	0.25	1	8260B	09/14/07 18:12	lwitry	Q26553
cis-1,3-Dichloropropene	BRL	µg/kg	5.6	0.36	1	8260B	09/14/07 18:12	lwitry	Q26553
Dibromomethane	BRL	µg/kg	5.6	0.42	1	8260B	09/14/07 18:12	lwitry	Q26553
Dichlorodifluoromethane	BRL	µg/kg	11	1.3	1	8260B	09/14/07 18:12	lwitry	Q26553
Ethylbenzene	BRL	µg/kg	5.6	0.39	1	8260B	09/14/07 18:12	lwitry	Q26553
Hexachlorobutadiene	BRL	µg/kg	17	0.70	1	8260B	09/14/07 18:12	lwitry	Q26553
Isopropyl ether (IPE)	BRL	µg/kg	5.6	0.19	1	8260B	09/14/07 18:12	lwitry	Q26553
Isopropylbenzene	BRL	µg/kg	11	0.45	1	8260B	09/14/07 18:12	lwitry	Q26553
m,p-Xylenes	BRL	µg/kg	11	0.79	1	8260B	09/14/07 18:12	lwitry	Q26553
Methyl ethyl ketone (MEK)	BRL	µg/kg	22	1.6	1	8260B	09/14/07 18:12	lwitry	Q26553
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.6	0.33	1	8260B	09/14/07 18:12	lwitry	Q26553

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA4 @ 2-3'
Prism Sample ID 192535
COC Group: G0907194
Time Collected: 09/07/07 11:55
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	11	0.46	1	8260B	09/14/07 18:12	lwitry	Q26553
n-Butylbenzene	BRL	µg/kg	17	0.45	1	8260B	09/14/07 18:12	lwitry	Q26553
n-Propylbenzene	BRL	µg/kg	11	0.34	1	8260B	09/14/07 18:12	lwitry	Q26553
Naphthalene	BRL	µg/kg	5.6	0.65	1	8260B	09/14/07 18:12	lwitry	Q26553
o-Xylene	BRL	µg/kg	5.6	0.34	1	8260B	09/14/07 18:12	lwitry	Q26553
p-Isopropyltoluene	BRL	µg/kg	17	0.46	1	8260B	09/14/07 18:12	lwitry	Q26553
sec-Butylbenzene	BRL	µg/kg	17	0.37	1	8260B	09/14/07 18:12	lwitry	Q26553
Styrene	BRL	µg/kg	5.6	0.56	1	8260B	09/14/07 18:12	lwitry	Q26553
tert-Butylbenzene	BRL	µg/kg	22	0.35	1	8260B	09/14/07 18:12	lwitry	Q26553
Tetrachloroethene	BRL	µg/kg	11	0.97	1	8260B	09/14/07 18:12	lwitry	Q26553
Toluene	BRL	µg/kg	5.6	0.38	1	8260B	09/14/07 18:12	lwitry	Q26553
trans-1,2-Dichloroethene	BRL	µg/kg	5.6	0.43	1	8260B	09/14/07 18:12	lwitry	Q26553
trans-1,3-Dichloropropene	BRL	µg/kg	5.6	0.39	1	8260B	09/14/07 18:12	lwitry	Q26553
Trichloroethene	BRL	µg/kg	5.6	0.34	1	8260B	09/14/07 18:12	lwitry	Q26553
Trichlorofluoromethane	BRL	µg/kg	5.6	0.46	1	8260B	09/14/07 18:12	lwitry	Q26553
Vinyl chloride	BRL	µg/kg	11	0.72	1	8260B	09/14/07 18:12	lwitry	Q26553

Surrogate	% Recovery	Control Limits
Toluene-d8	101	81 - 128
Dibromofluoromethane	104	67 - 143
Bromofluorobenzene	109	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.62	g			1	5035	09/14/07 0:00	lbrown
Weight Bisulfate 2	5.37	g			1	5035	09/14/07 0:00	lbrown
Weight Methanol	5.66	g			1	5035	09/14/07 0:00	lbrown

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	410	46	1	8270C	09/21/07 9:07	rselph	Q26755

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Client Sample ID BSA4 @ 2-3'
Prism Sample ID 192535
COC Group: G0907194
Time Collected: 09/07/07 11:55
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichlorobenzene	BRL	µg/kg	410	46	1	8270C	09/21/07 9:07	rselph	Q26755
1,3-Dichlorobenzene	BRL	µg/kg	410	40	1	8270C	09/21/07 9:07	rselph	Q26755
1,4-Dichlorobenzene	BRL	µg/kg	410	50	1	8270C	09/21/07 9:07	rselph	Q26755
2,4,5-Trichlorophenol	BRL	µg/kg	410	49	1	8270C	09/21/07 9:07	rselph	Q26755
2,4,6-Trichlorophenol	BRL	µg/kg	410	45	1	8270C	09/21/07 9:07	rselph	Q26755
2,4-Dichlorophenol	BRL	µg/kg	410	27	1	8270C	09/21/07 9:07	rselph	Q26755
2,4-Dimethylphenol	BRL	µg/kg	410	62	1	8270C	09/21/07 9:07	rselph	Q26755
2,4-Dinitrophenol	BRL	µg/kg	410	120	1	8270C	09/21/07 9:07	rselph	Q26755
2,4-Dinitrotoluene	BRL	µg/kg	410	54	1	8270C	09/21/07 9:07	rselph	Q26755
2,6-Dinitrotoluene	BRL	µg/kg	410	75	1	8270C	09/21/07 9:07	rselph	Q26755
2-Chloronaphthalene	BRL	µg/kg	410	52	1	8270C	09/21/07 9:07	rselph	Q26755
2-Chlorophenol	BRL	µg/kg	410	17	1	8270C	09/21/07 9:07	rselph	Q26755
2-Methylnaphthalene	BRL	µg/kg	410	46	1	8270C	09/21/07 9:07	rselph	Q26755
2-Methylphenol	BRL	µg/kg	410	33	1	8270C	09/21/07 9:07	rselph	Q26755
2-Nitrophenol	BRL	µg/kg	410	58	1	8270C	09/21/07 9:07	rselph	Q26755
3&4-Methylphenol	BRL	µg/kg	410	49	1	8270C	09/21/07 9:07	rselph	Q26755
3,3'-Dichlorobenzidine	BRL	µg/kg	410	75	1	8270C	09/21/07 9:07	rselph	Q26755
4,6-Dinitro-2-methylphenol	BRL	µg/kg	410	36	1	8270C	09/21/07 9:07	rselph	Q26755
4-Bromophenylphenylether	BRL	µg/kg	410	52	1	8270C	09/21/07 9:07	rselph	Q26755
4-Chloro-3-methylphenol	BRL	µg/kg	410	49	1	8270C	09/21/07 9:07	rselph	Q26755
4-Chlorophenylphenylether	BRL	µg/kg	410	52	1	8270C	09/21/07 9:07	rselph	Q26755
4-Nitrophenol	BRL	µg/kg	410	53	1	8270C	09/21/07 9:07	rselph	Q26755
Acenaphthene	BRL	µg/kg	410	56	1	8270C	09/21/07 9:07	rselph	Q26755
Acenaphthylene	BRL	µg/kg	410	39	1	8270C	09/21/07 9:07	rselph	Q26755
Anthracene	BRL	µg/kg	410	30	1	8270C	09/21/07 9:07	rselph	Q26755
Benzo(a)anthracene	BRL	µg/kg	410	47	1	8270C	09/21/07 9:07	rselph	Q26755
Benzo(a)pyrene	BRL	µg/kg	410	52	1	8270C	09/21/07 9:07	rselph	Q26755

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/21/07

Hart & Hickman
Attn James Wellons
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA4 @ 2-3'
Prism Sample ID 192535
COC Group: G0907194
Time Collected: 09/07/07 11:55
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Benzo(b)fluoranthene	BRL	µg/kg	410	85	1	8270C	09/21/07 9:07	rselph	Q26755
Benzo(g,h,i)perylene	BRL	µg/kg	410	53	1	8270C	09/21/07 9:07	rselph	Q26755
Benzo(k)fluoranthene	BRL	µg/kg	410	110	1	8270C	09/21/07 9:07	rselph	Q26755
Bis(2-chloroethoxy)methane	BRL	µg/kg	410	70	1	8270C	09/21/07 9:07	rselph	Q26755
Bis(2-chloroethyl)ether	BRL	µg/kg	410	51	1	8270C	09/21/07 9:07	rselph	Q26755
Bis(2-chloroisopropyl)ether	BRL	µg/kg	410	42	1	8270C	09/21/07 9:07	rselph	Q26755
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	410	32	1	8270C	09/21/07 9:07	rselph	Q26755
Butylbenzylphthalate	BRL	µg/kg	410	51	1	8270C	09/21/07 9:07	rselph	Q26755
Chrysene	BRL	µg/kg	410	28	1	8270C	09/21/07 9:07	rselph	Q26755
Di-n-butylphthalate	BRL	µg/kg	410	67	1	8270C	09/21/07 9:07	rselph	Q26755
Di-n-octylphthalate	BRL	µg/kg	410	120	1	8270C	09/21/07 9:07	rselph	Q26755
Dibenzo(a,h)anthracene	BRL	µg/kg	410	39	1	8270C	09/21/07 9:07	rselph	Q26755
Dibenzofuran	BRL	µg/kg	410	51	1	8270C	09/21/07 9:07	rselph	Q26755
Diethylphthalate	BRL	µg/kg	410	110	1	8270C	09/21/07 9:07	rselph	Q26755
Dimethylphthalate	BRL	µg/kg	410	61	1	8270C	09/21/07 9:07	rselph	Q26755
Fluoranthene	BRL	µg/kg	410	73	1	8270C	09/21/07 9:07	rselph	Q26755
Fluorene	BRL	µg/kg	410	59	1	8270C	09/21/07 9:07	rselph	Q26755
Hexachlorobenzene	BRL	µg/kg	410	57	1	8270C	09/21/07 9:07	rselph	Q26755
Hexachlorobutadiene	BRL	µg/kg	410	41	1	8270C	09/21/07 9:07	rselph	Q26755
Hexachlorocyclopentadiene	BRL	µg/kg	410	62	1	8270C	09/21/07 9:07	rselph	Q26755
Hexachloroethane	BRL	µg/kg	410	17	1	8270C	09/21/07 9:07	rselph	Q26755
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	410	39	1	8270C	09/21/07 9:07	rselph	Q26755
Isophorone	BRL	µg/kg	410	40	1	8270C	09/21/07 9:07	rselph	Q26755
N-Nitrosodi-n-propylamine	BRL	µg/kg	410	24	1	8270C	09/21/07 9:07	rselph	Q26755
N-Nitrosodiphenylamine	BRL	µg/kg	410	60	1	8270C	09/21/07 9:07	rselph	Q26755
Naphthalene	BRL	µg/kg	410	50	1	8270C	09/21/07 9:07	rselph	Q26755
Nitrobenzene	BRL	µg/kg	410	52	1	8270C	09/21/07 9:07	rselph	Q26755

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Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA4 @ 2-3'
Prism Sample ID 192535
COC Group: G0907194
Time Collected: 09/07/07 11:55
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Pentachlorophenol	BRL	µg/kg	410	63	1	8270C	09/21/07 9:07	rselph	Q26755
Phenanthrene	BRL	µg/kg	410	35	1	8270C	09/21/07 9:07	rselph	Q26755
Phenol	BRL	µg/kg	410	73	1	8270C	09/21/07 9:07	rselph	Q26755
Pyrene	BRL	µg/kg	410	79	1	8270C	09/21/07 9:07	rselph	Q26755
Sample Preparation:			30.16 g /		1 mL	3550B	09/20/07 13:00	pbarr	P19529

Surrogate	% Recovery	Control Limits
Terphenyl-d14	117	41 - 136
Phenol-d5	76	13 - 95
Nitrobenzene-d5	79	14 - 103
2-Fluorophenol	72	14 - 89
2-Fluorobiphenyl	80	21 - 108
2,4,6-Tribromophenol	92	25 - 123

Mercury by CVAA									
Mercury	0.080	mg/kg	0.025	0.0043	1	7471A	09/13/07 11:15	jhoppel	Q26514
Sample Preparation:			0.6 g /		50 mL	7471A	09/13/07 8:00	jhoppel	P19433
Metals by ICP									
Antimony	BRL	mg/kg	0.25	0.066	1	6010B	09/13/07 15:32	mcampbell	Q26511
Arsenic	1.7	mg/kg	0.62	0.082	1	6010B	09/13/07 15:32	mcampbell	Q26511
Beryllium	1.1	mg/kg	0.31	0.0075	1	6010B	09/13/07 15:32	mcampbell	Q26511
Cadmium	BRL	mg/kg	0.31	0.0075	1	6010B	09/13/07 15:32	mcampbell	Q26511
Chromium	33	mg/kg	0.31	0.017	1	6010B	09/13/07 15:32	mcampbell	Q26511
Copper	22	mg/kg	0.62	0.27	1	6010B	09/13/07 15:32	mcampbell	Q26511
Lead	8.7	mg/kg	0.31	0.020	1	6010B	09/13/07 15:32	mcampbell	Q26511
Manganese	200	mg/kg	0.62	0.075	2	6010B	09/14/07 15:35	mcampbell	Q26511
Nickel	7.3	mg/kg	0.62	0.075	1	6010B	09/13/07 15:32	mcampbell	Q26511
Selenium	BRL	mg/kg	0.62	0.12	1	6010B	09/13/07 15:32	mcampbell	Q26511

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Project ID: USP-001 BASF
Sample Matrix: Soil

Client Sample ID BSA4 @ 2-3'
Prism Sample ID 192535
COC Group: G0907194
Time Collected: 09/07/07 11:55
Time Submitted: 09/07/07 17:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Silver	**BRL**	mg/kg	0.31	0.020	1	6010B	09/13/07 15:32	mcampbell	Q26511
Thallium	**BRL**	mg/kg	0.62	0.11	1	6010B	09/13/07 15:32	mcampbell	Q26511
Zinc	**23**	mg/kg	3.1	0.23	1	6010B	09/13/07 15:32	mcampbell	Q26511
Sample Preparation:			2.03 g	/	50 mL	3050B	09/12/07 7:20	ddixon	P19430

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the Reporting Limit only.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: BASF USP.001

Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)

*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements

Invoice To: Same

Address: _____

Client Company Name: Hart + Hickman

Report To/Contact Name: James Wellons

Reporting Address: 2923 S. Tryon Street Suite 100 Charlotte, NC 28203

Phone: 704.556.7007 Fax (Yes) (No): _____

Email (Yes) (No) Email Address _____

EDD Type: PDF____ Excel____ Other_____

Site Location Name: BASF

Site Location Physical Address: Charlotte, NC

Purchase Order No./Billing Reference _____

Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☑ 5 Days

"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved

Samples received after 15:00 will be processed next business day.

Turnaround time is based on business days, excluding weekends and holidays.

(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 4.6	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC____ USACE____ FL____ NC ✓

SC____ OTHER _____ N/A _____

Water Chlorinated: YES___ NO___

Sample Iced Upon Collection: YES ✓ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED: 8260B	8270	HSL Metals				REMARKS	PRISM LAB ID NO.
BSA1 2'-3'	9.7.07	1110	Soil	VOA	3	40ml	Na Thio/ Methanol	✓							192532
↓	↓	↓	↓	G	2	4oz/8oz	None		✓	✓					1
BSA2 0'-1'		1300		VOA	3	40ml	Na Thio/ Methanol	✓							192533
↓		↓		G	2	4oz/8oz	None		✓	✓					1
BSA3 2'-3'		1245		VOA	3	40ml	Na Thio/ Methanol	✓							192534
↓		↓		G	2	4oz/8oz	None		✓	✓					1
BSA4 2'-3'		1155		VOA	3	40ml	Na Thio/ Methanol	✓							192535
↓	↓	↓	↓	G	2	4oz/8oz	None		✓	✓					1

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature C.V. Nagy Sampled By (Print Name) C.V. NAGY Affiliation Project Prof.

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
C.V. Nagy			
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	
		9/7/07	1720

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☑ Hand-delivered ☐ Prism Field Service ☐ Other _____

COC Group No. G0907194

Additional Comments:

PRISM USE ONLY

Site Arrival Time:

Site Departure Time:

Field Tech Fee:

Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL