

**DATA USABILITY SUMMARY REPORT
FRITO-LAY SITE, BROOKLYN, NEW YORK**

Client: Gannett Fleming Engineers, LLC, Hamilton, New Jersey
SDG: A5011
Laboratory: ChemTech, Mountainside, New Jersey
Site: Frito-Lay Site, Brooklyn, New York
Date: January 8, 2010

VOCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-23(0-4)	A5011-01	Soil
1RE	SB-23(0-4)RE	A5011-01RE	Soil
2MS	SB-23(0-4)MS	A5011-02	Soil
3MSD	SB-23(0-4)MSD	A5011-03	Soil
4	DUP-2	A5011-04	Soil
4RE	DUP-2RE	A5011-04RE	Soil
5	SB-27(0-4)	A5011-05	Soil
5RE	SB-27(0-4)RE	A5011-05RE	Soil
6	SB-26(4-6)	A5011-06	Soil
6RE	SB-26(4-6)RE	A5011-06RE	Soil
7	SB-26(0-4)	A5011-07	Soil
7RE	SB-26(0-4)RE	A5011-07RE	Soil
8	SB-17(4-6)	A5011-08	Soil
8RE	SB-17(4-6)RE	A5011-08RE	Soil
9	SB-101(4-6)	A5011-09	Soil
9RE	SB-101(4-6)RE	A5011-09RE	Soil
10	SB-101(0-4)	A5011-10	Soil
10RE	SB-101(0-4)RE	A5011-10RE	Soil
11	SB-23(8-10)	A5011-11	Soil
11RE	SB-23(8-10)RE	A5011-11RE	Soil
12	SB-102(4-6)	A5011-12	Soil
12RE	SB-102(4-6)RE	A5011-12RE	Soil
13	SB-16(4-7)	A5011-13	Soil
13RE	SB-16(4-7)RE	A5011-13RE	Soil
14	SB-18(0-4)	A5011-14	Soil
14RE	SB-18(0-4)RE	A5011-14RE	Soil
15MS	SB-18(0-4)MS	A5011-15	Soil
16MSD	SB-18(0-4)MSD	A5011-16	Soil
17	SB-102(0-4)	A5011-17	Soil
17RE	SB-102(0-4)RE	A5011-17	Soil
18	SB-17(0-4)	A5011-18	Soil
18RE	SB-17(0-4)RE	A5011-18RE	Soil
19	DUP-1	A5011-19	Soil
19RE	DUP-1RE	A5011-19RE	Soil
20	SB-16(0-4)	A5011-20	Soil
20RE	SB-16(0-4)RE	A5011-20RE	Soil
21	SB-22(4-7.5)	A5011-21	Soil
21RE	SB-22(4-7.5)RE	A5011-21RE	Soil
22	SB-22(0-4)	A5011-22	Soil

VOCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
22RE	SB-22(0-4)RE	A5011-22RE	Soil

SVOCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-23(0-4)	A5011-01	Soil
2MS	SB-23(0-4)MS	A5011-02	Soil
3MSD	SB-23(0-4)MSD	A5011-03	Soil
4	DUP-2	A5011-04	Soil
5	SB-27(0-4)	A5011-05	Soil
6	SB-26(4-6)	A5011-06	Soil
7	SB-26(0-4)	A5011-07	Soil
8	SB-17(4-6)	A5011-08	Soil
9	SB-101(4-6)	A5011-09	Soil
10	SB-101(0-4)	A5011-10	Soil
11	SB-23(8-10)	A5011-11	Soil
12	SB-102(4-6)	A5011-12	Soil
12DL	SB-102(4-6)DL	A5011-12DL	Soil
13	SB-16(4-7)	A5011-13	Soil
14	SB-18(0-4)	A5011-14	Soil
14DL	SB-18(0-4)DL	A5011-14DL	Soil
14DL2	SB-18(0-4)DL2	A5011-14DL2	Soil
15MS	SB-18(0-4)MS	A5011-15	Soil
16MSD	SB-18(0-4)MSD	A5011-16	Soil
17	SB-102(0-4)	A5011-17	Soil
18	SB-17(0-4)	A5011-18	Soil
19	DUP-1	A5011-19	Soil
20	SB-16(0-4)	A5011-20	Soil
21	SB-22(4-7.5)	A5011-21	Soil
22	SB-22(0-4)	A5011-22	Soil

Pesticides			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-23(0-4)	A5011-01	Soil
2MS	SB-23(0-4)MS	A5011-02	Soil
3MSD	SB-23(0-4)MSD	A5011-03	Soil
4	DUP-2	A5011-04	Soil
5	SB-27(0-4)	A5011-05	Soil
6	SB-26(4-6)	A5011-06	Soil
7	SB-26(0-4)	A5011-07	Soil
8	SB-17(4-6)	A5011-08	Soil
9	SB-101(4-6)	A5011-09	Soil
10	SB-101(0-4)	A5011-10	Soil
11	SB-23(8-10)	A5011-11	Soil
12	SB-102(4-6)	A5011-12	Soil
13	SB-16(4-7)	A5011-13	Soil
14	SB-18(0-4)	A5011-14	Soil
15MS	SB-18(0-4)MS	A5011-15	Soil
16MSD	SB-18(0-4)MSD	A5011-16	Soil
17	SB-102(0-4)	A5011-17	Soil
18	SB-17(0-4)	A5011-18	Soil
19	DUP-1	A5011-19	Soil

Pesticides			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
20	SB-16(0-4)	A5011-20	Soil
21	SB-22(4-7.5)	A5011-21	Soil
22	SB-22(0-4)	A5011-22	Soil

PCBs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-23(0-4)	A5011-01	Soil
1DL	SB-23(0-4)DL	A5011-01DL	Soil
2MS	SB-23(0-4)MS	A5011-02	Soil
3MSD	SB-23(0-4)MSD	A5011-03	Soil
4	DUP-2	A5011-04	Soil
4DL	DUP-2DL	A5011-04DL	Soil
5	SB-27(0-4)	A5011-05	Soil
5DL	SB-27(0-4)DL	A5011-05DL	Soil
6	SB-26(4-6)	A5011-06	Soil
7	SB-26(0-4)	A5011-07	Soil
8	SB-17(4-6)	A5011-08	Soil
8DL	SB-17(4-6)DL	A5011-08DL	Soil
9	SB-101(4-6)	A5011-09	Soil
10	SB-101(0-4)	A5011-10	Soil
10DL	SB-101(0-4)DL	A5011-10DL	Soil
11	SB-23(8-10)	A5011-11	Soil
11DL	SB-23(8-10)DL	A5011-11DL	Soil
12	SB-102(4-6)	A5011-12	Soil
12DL	SB-102(4-6)DL	A5011-12DL	Soil
13	SB-16(4-7)	A5011-13	Soil
13DL	SB-16(4-7)DL	A5011-13DL	Soil
14	SB-18(0-4)	A5011-14	Soil
14DL	SB-18(0-4)DL	A5011-14DL	Soil
15MS	SB-18(0-4)MS	A5011-15	Soil
16MSD	SB-18(0-4)MSD	A5011-16	Soil
17	SB-102(0-4)	A5011-17	Soil
17DL	SB-102(0-4)DL	A5011-17DL	Soil
18	SB-17(0-4)	A5011-18	Soil
18DL	SB-17(0-4)DL	A5011-18DL	Soil
19	DUP-1	A5011-19	Soil
19DL	DUP-1DL	A5011-19DL	Soil
20	SB-16(0-4)	A5011-20	Soil
20DL	SB-16(0-4)DL	A5011-20DL	Soil
21	SB-22(4-7.5)	A5011-21	Soil
21DL	SB-22(4-7.5)DL	A5011-21DL	Soil
22	SB-22(0-4)	A5011-22	Soil
22DL	SB-22(0-4)DL	A5011-22DL	Soil

Metals			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-23(0-4)	A5011-01	Soil
2MS	SB-23(0-4)MS	A5011-02	Soil
3MSD	SB-23(0-4)MSD	A5011-03	Soil
4	DUP-2	A5011-04	Soil
5	SB-27(0-4)	A5011-05	Soil

Metals			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
6	SB-26(4-6)	A5011-06	Soil
7	SB-26(0-4)	A5011-07	Soil
8	SB-17(4-6)	A5011-08	Soil
9	SB-101(4-6)	A5011-09	Soil
10	SB-101(0-4)	A5011-10	Soil
11	SB-23(8-10)	A5011-11	Soil
12	SB-102(4-6)	A5011-12	Soil
13	SB-16(4-7)	A5011-13	Soil
13DL	SB-16(4-7)DL	A5011-13DL	Soil
14	SB-18(0-4)	A5011-14	Soil
15MS	SB-18(0-4)MS	A5011-15	Soil
16MSD	SB-18(0-4)MSD	A5011-16	Soil
17	SB-102(0-4)	A5011-17	Soil
18	SB-17(0-4)	A5011-18	Soil
18DL	SB-17(0-4)DL	A5011-18DL	Soil
19	DUP-1	A5011-19	Soil
20	SB-16(0-4)	A5011-20	Soil
21	SB-22(4-7.5)	A5011-21	Soil
21DL	SB-22(4-7.5)DL	A5011-21DL	Soil
22	SB-22(0-4)	A5011-22	Soil
22DL	SB-22(0-4)DL	A5011-22DL	Soil

A Data Usability Summary Review was performed on the analytical data for eighteen soil samples collected by Gannett Fleming Engineers at the Frito-Lay Site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *“Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions”*.

Specific method references are as follows:

Analysis

VOCs
SVOCs
Pesticides/PCBs
Metals
Mercury

Method References

USEPA SW-846 Method 8260B
USEPA SW-846 Method 8270C
USEPA SW-846 Method 8081/8082A
USEPA SW-846 Method 6010B
USEPA SW-846 Method 7471A

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;

- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were several rejections of data.

- All VOC compounds were rejected in one reanalysis sample due to a severely low surrogate recovery.
- Several VOC compounds were rejected in several samples due to severely low internal standard recoveries.
- One SVOC compound was rejected in one sample due to a severely low MS/MSD recovery.
- One pesticide compound was rejected in one sample due to a severely low MS/MSD recovery.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- Several VOC compounds were qualified as estimated in several samples due to low surrogate recoveries.
- Several VOC compounds were qualified as estimated in two samples due to low MS/MSD recoveries.
- Three VOC compounds were qualified as estimated in several samples due to high continuing calibration %D values.
- Several VOC compounds were qualified as estimated in several samples due to low internal standard recoveries.
- One VOC compound was qualified as estimated in two duplicate pairs due to poor field duplicate precision.
- Several SVOC compounds were qualified as estimated in one sample due to low MS/MSD recoveries.
- One SVOC compound was qualified as nondetected in several samples due to method blank contamination.
- Two SVOC compounds were qualified as estimated in several samples due to high continuing calibration %D values.
- One SVOC compound was qualified as estimated in one duplicate pair due to poor field duplicate precision.
- Several PCB compounds were qualified as estimated in several samples due to high surrogate recoveries.
- One metals compound was qualified as nondetected in several samples due to method blank contamination.
- Several metals compounds were qualified as estimated in all samples due to high ICP serial dilution recoveries.
- Two metals compounds were qualified as estimated in one duplicate pair due to poor field duplicate precision.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- The following table presents samples that exhibited surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). For a %R below 10%, nondetected results are rejected and qualified (R). Rejected results are not useable for project objectives.

Sample ID	Surrogate	%R	Qualifier
1	Toluene-d8	44%	None - See IS
1RE	Toluene-d8	64%	None - See IS
6	Toluene-d8	31%	J/UJ
6RE	Toluene-d8	1%	J/R
7	Toluene-d8	54%	J/UJ
7RE	Toluene-d8	13%	None - See IS
13RE	Toluene-d8	62%	None - See IS
18RE	Toluene-d8	66%	None - See IS
20RE	Toluene-d8	65%	J/UJ - Unless R due to IS
21	Toluene-d8	59%	None - See IS
21RE	Toluene-d8	66%	J/UJ - Unless R due to IS
22RE	Toluene-d8	65%	J/UJ - Unless R due to IS

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased. For a %R below 10%, nondetected results are rejected and qualified (R). Rejected results are not useable for project objectives.

MS/MSD Sample ID	Compound	MS/MSD%R/RPD	Qualifier
1	Methyl acetate	306%/323%/Ok	None - Already qualified due to IS
	Cyclohexane	40%/42%/Ok	
	Methylcyclohexane	24%/25%/Ok	
	Toluene	55%/58%/Ok	
	Ethyl benzene	6%/15%/86	J/R
	m/p-Xylene	58%/50%/Ok	None - Already qualified due to IS or surrogate
	o-Xylene	37%/40%/Ok	
	1,1,2,2-Tetrachloroethane	194%/194%/Ok	
	1,2,4-Trichlorobenzene	45%/44%/Ok	
14	Methyl acetate	457%/441%/Ok	J
	Methylcyclohexane	42%/42%/Ok	J/UJ
	cis-1,3-Dichloropropene	63%/63%/Ok	
	2-Hexanone	Ok/Ok/21	None for RPD alone
	1,2,4-Trichlorobenzene	49%/46%/Ok	None - Already qualified due to IS

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
BSI1117S1	Styrene	120%	None	All ND or already qualified

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not included in this data package.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD, or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/16/09 (1009)	Bromoform	28.2%	None	See IS/Surrogates
11/16/09 (2021)	Trichlorofluoromethane	20.2%	J/UJ	4, 5, 8RE, 9RE, 11RE, 14RE

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/18/09	Methyl acetate	21.8%	None	See IS/Surrogates
	Bromoform	20.7%		
	Dichlorodifluoromethane	24.2%		
	Chloroethane	27.6%		

Compound Quantitation

- Several samples exhibited internal standard and surrogate deficiencies. These samples were reanalyzed by the laboratory. Refer to Form Is for which to use for reporting purposes.

Internal Standard (IS) Area Performance

- The following table presents samples that exceeded the -50%/+100% area criteria for internal standard areas. Non-detected results for the associated compounds are considered estimated and qualified (UJ). Positive results for the associated compounds are considered estimated and qualified (J). Non-detected compounds that exceed the lower limit by -25% area criteria are considered rejected (R) and unusable for project objectives.

Sample ID	Internal Standard	Area Count	Qualifier
1	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
1RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
4	IS2=1,4-Difluorobenzene	Low	J/UJ
	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
4RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
5	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
5RE	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
6	IS3=Chlorobenzene-d5	Low	None - See surrogates
	IS4=1,4-Dichlorobenzene-d4		
6RE	IS3=Chlorobenzene-d5	Low	None - See surrogates
	IS4=1,4-Dichlorobenzene-d4		
7	IS3=Chlorobenzene-d5	Low	None - See surrogates
	IS4=1,4-Dichlorobenzene-d4		
7RE	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		

Sample ID	Internal Standard	Area Count	Qualifier
7RE	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
8	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
8RE	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
9	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4		
9RE	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4		
10	IS1=Pentafluorobenzene	Severely Low	J/R
10	IS2=1,4-Difluorobenzene	Severely Low	J/R
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
10RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
11	IS2=1,4-Difluorobenzene	Low	J/UJ
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
11RE	IS2=1,4-Difluorobenzene	Low	J/UJ
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
12	IS1=Pentafluorobenzene	Severely Low	J/R
	IS2=1,4-Difluorobenzene	Low	J/UJ
	IS3=Chlorobenzene-d5	Severely Low	J/R
	IS4=1,4-Dichlorobenzene-d4		
12RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
13	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5	Severely Low	J/R
	IS4=1,4-Dichlorobenzene-d4		
13RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5	Severely Low	J/R
	IS4=1,4-Dichlorobenzene-d4	Low	J/UJ
14	IS4=1,4-Dichlorobenzene-d4	Low	J/UJ
14RE	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
17	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
17RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5	Severely Low	J/R
	IS4=1,4-Dichlorobenzene-d4		
18	IS1=Pentafluorobenzene	Severely Low	J/R
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4		

Sample ID	Internal Standard	Area Count	Qualifier
18RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
19	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
19RE	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
20	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
20RE	IS3=Chlorobenzene-d5	Low	None - See surrogates
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
21	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
21RE	IS1=Pentafluorobenzene	Low	None - See surrogates
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
22	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5		
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R
22RE	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R

Field Duplicate Sample Precision

- Field duplicate results are summarized below. For a high RPD >100% for soil samples, results are considered estimated and qualified (J). The results are valid and usable, however possibly biased.

VOC				
Compound	SB-17(0-4) ug/kg	DUP-1 ug/kg	RPD	Qualifier
Trichlorofluoromethane	41	8.9	129%	J
Carbon disulfide	7.4 U	5	NC	None
Methyl acetate	7.4 U	11	NC	None
Toluene	7.4 U	4.9	NC	None
Tetrachloroethene	7.4 U	3.5	NC	None
1,4-Dichlorobenzene	7.4 U	4.8	NC	None

VOC				
Compound	SB-27(0-4) ug/kg	DUP-2 ug/kg	RPD	Qualifier
Carbon disulfide	10	6	50%	None

VOC				
Compound	SB-27(0-4) ug/kg	DUP-2 ug/kg	RPD	Qualifier
Methyl tert-butyl ether	4.2	27	146%	J

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 14 days for soil samples, and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). For a %R below 10%, nondetected results are rejected and qualified (R). Rejected results are not useable for project objectives.

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
1	Hexachlorocyclopentadiene	0%/Ok/200	J/R
	4,6-Dinitro-2-Methylphenol	157%/Ok/Ok	None - All ND
	Fluoranthene	219%/-10%/219	J/UJ
	Pyrene	200%/5%/190	J/R
	bis(2-Ethylhexyl)phthalate	495%/162%/101	J
	4-Nitrophenol	Ok/Ok/60	None for RPD alone
	Pentachlorophenol	Ok/Ok/96	
	Phenanthrene	Ok/-10%/23	J/R
	Anthracene	Ok/Ok/63	None for RPD alone
	Benzo(a)anthracene	Ok/Ok/108	
	Chrysene	Ok/Ok/110	
	Benzo(b)fluoranthene	Ok/Ok/113	
	Benzo(a)pyrene	Ok/Ok/84	
14	Benzaldehyde	Ok/Ok/131	None for RPD alone
	Butylbenzylphthalate	-681%/-733%/Ok	None - 4X rule applies
	bis(2-Ethylhexyl)phthalate	-52%/-29%/57	

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of phthalates (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/kg	Action Level ug/kg	Qualifier	Affected Samples
PB45936B	Dimethylphthalate	920	9200	U	4, 9, 11-14, 12DL, 14DL, 17

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD, or correlation coefficients and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/15/09	4-Nitrophenol	27.4%	J/UJ	12DL, 13

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/17/09	Hexachlorocyclopentadiene	42.8%	J/UJ	14DL2

Compound Quantitation

- Two samples exhibited several compounds that exceeded the linear range of the instrument and were flagged (E) by the laboratory. The samples were diluted and reanalyzed and the dilution results for these compounds should be used for reporting.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. For a high RPD >100% for soil samples, results are considered estimated and qualified (J). The results are valid and usable, however possibly biased.

SVOC				
Compound	SB-17(0-4) ug/kg	DUP-1 ug/kg	RPD	Qualifier
Phenanthrene	27000	10000	92%	None
Fluoranthene	41000	27000	41%	None
Pyrene	36000	24000	40%	None
Butylbenzylphthalate	95000 U	430000	NC	None
Benzo(a)anthracene	20000	13000	42%	None
Chrysene	19000	12000	45%	None
bis(2-Ethylhexyl)phthalate	310000	49000	145%	J
Benzo(b)fluoranthene	22000	14000	44%	None
Benzo(a)pyrene	17000	11000	43%	None
Indeno(1,2,3-cd)pyrene	10000	92000 U	NC	None
Benzo(g,h,i)perylene	12000	92000 U	NC	None

SVOC				
Compound	SB-27(0-4) ug/kg	DUP-2 ug/kg	RPD	Qualifier
Fluorene	40000 U	2000	NC	None
Phenanthrene	23000	11000	71%	None
Anthracene	6900	3700	60%	None
Fluoranthene	39000	19000	69%	None
Pyrene	36000	19000	62%	None
Butylbenzylphthalate	40000 U	8700	NC	None
Benzo(a)anthracene	19000	9600	66%	None
Chrysene	20000	11000	58%	None
bis(2-Ethylhexyl)phthalate	9100	15000	49%	None
Benzo(b)fluoranthene	20000	12000	50%	None
Benzo(k)fluoranthene	6700	3300	68%	None
Benzo(a)pyrene	14000	8800	46%	None

SVOC				
Compound	SB-27(0-4) ug/kg	DUP-2 ug/kg	RPD	Qualifier
Indeno(1,2,3-cd)pyrene	8400	5400	43%	None
Benzo(g,h,i)perylene	7800	5900	28%	None

Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- The following table presents samples that exhibited surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
1 PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/188%	None - Dilution reported
1DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/299%	None - All diluted
4 PCB	TCX1/TCX2/DCB1/DCB2	921%/Ok/Ok/Ok	None - Dilution reported
4DL PCB	TCX1/TCX2/DCB1/DCB2	0%/0%/0%/0%	None - Diluted out
5 PCB	TCX1/TCX2/DCB1/DCB2	800%/Ok/Ok/Ok	None - Dilution reported
5DL PCB	TCX1/TCX2/DCB1/DCB2	0%/0%/0%/0%	None - Diluted out
7 Pest	TCX1/TCX2/DCB1/DCB2	Ok/305%/Ok/Ok	None - All ND
8 PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/188%	None - Dilution reported
8 Pest	TCX1/TCX2/DCB1/DCB2	Ok/446%/Ok/Ok	None - All ND
8DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/330%	J
9 PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/185%	J
9 Pest	TCX1/TCX2/DCB1/DCB2	Ok/221%/Ok/Ok	None - All ND
10 Pest	TCX1/TCX2/DCB1/DCB2	Ok/198%/Ok/Ok	None - All ND
11DL PCB	TCX1/TCX2/DCB1/DCB2	199%/Ok/166%/Ok	J
12 Pest	TCX1/TCX2/DCB1/DCB2	Ok/217%/Ok/Ok	None - All ND
12DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/184%	None - Diluted out
13 Pest	TCX1/TCX2/DCB1/DCB2	Ok/199%/Ok/Ok	None - All ND
17 Pest	TCX1/TCX2/DCB1/DCB2	Ok/455%/Ok/Ok	None - All ND
17DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/312%	J
18DL PCB	TCX1/TCX2/DCB1/DCB2	0%/105%/0%/128%	None - Diluted out
19DL PCB	TCX1/TCX2/DCB1/DCB2	0%/110%/0%/250%	None - Diluted out
20DL PCB	TCX1/TCX2/DCB1/DCB2	0%/0%/0%/0%	None - Diluted out
21 Pest	TCX1/TCX2/DCB1/DCB2	Ok/710%/Ok/Ok	None - All ND
21DL PCB	TCX1/TCX2/DCB1/DCB2	0%/0%/0%/0%	None - Diluted out
22DL PCB	TCX1/TCX2/DCB1/DCB2	0%/0%/0%/0%	None - Diluted out

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are

estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
1 PCB	Aroclor 1260	615%/864%/34	None - All ND
	Aroclor 1016	1680%/2016%/Ok	
1 Pest	23 out of 40	All high	None - All ND
14 PCB	Aroclor 1260	Ok/206%/25	None - All ND
	Aroclor 1016	520%/685%/27	
14 Pest	Heptachlor epoxide	Ok/Ok/50	None for RPD alone
	Endosulfan sulfate	Ok/Ok/65	
	beta-BHC	Ok/Ok/27	
	delta-BHC	242%/159%/41	None - All ND
	Endosulfan II	Ok/Ok/39	None for RPD alone
	4,4-DDT	258%/Ok/57	None - All ND
	Endrin ketone	Ok/Ok/38	None for RPD alone
	Dieldrin	Ok/Ok/48	
	Endrin	Ok/7%/53	J/R
	Methoxychlor	Ok/Ok/108	None for RPD alone
	4,4-DDD	Ok/Ok/26	
	4,4-DDE	411%/310%/28	None - All ND
	Endrin aldehyde	Ok/Ok/45	None for RPD alone
	Endosulfan I	306%/238%/25	None - All ND

Laboratory Control Samples

- The LCS sample exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Compound Quantitation

- One sample exhibited a result with a >25 %D value between columns and was flagged (P) by the laboratory. The samples was diluted and reanalyzed and the dilution result for this compound was used for reporting.

Field Blank

- Field QC samples were not included in this data package.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Pest/PCB				
Compound	SB-17(0-4) ug/kg	DUP-1 ug/kg	RPD	Qualifier
Aroclor 1242	69000	110000	46%	None

Pest/PCB				
Compound	SB-27(0-4) ug/kg	DUP-2 ug/kg	RPD	Qualifier
Aroclor 1248	3200000	3200000	0%	None

GC Column Difference Results

- All criteria were met.

Metals & Mercury

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 28 days for mercury and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. mg/kg	Action Level mg/kg	Qualifier	Affected Samples
PBS	Aluminum	1.364	13.64	None	All >10X
	Arsenic	0.377	3.77	U	8-12, 14, 17, 19, 20
	Calcium	1.892	18.92	None	All >10X
	Mercury	0.006	0.06		

Field Blank

- Field QC samples were not included in this data package.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- Four samples exhibited lead and zinc over the calibration range (OR) of the instrument. The samples were diluted and reanalyzed and the dilution results for lead and zinc should be used for reporting.

ICP Serial Dilution

- The following table presents samples with ICP serial dilution percent differences (%D) outside of QC limits. For a high %D, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
1	Arsenic	63.3%	J	All Samples
	Chromium	10.8%		
	Iron	13.0%		
	Mercury	105.5%		
	Zinc	20.0%		
14	Calcium	11.0%	J	All Samples
	Chromium	12.6%		
	Copper	11.0%		
	Iron	12.7%		
	Mercury	71.9%		
	Zinc	16.2%		

Field Duplicate Sample Precision

- Field duplicate results are summarized below. For a high RPD >100% for soil samples, results are considered estimated and qualified (J). The results are valid and usable, however possibly biased.

Metals				
Compound	SB-17(0-4) mg/kg	DUP-1 mg/kg	RPD	Qualifier
Aluminum	11300	6890	48%	None
Antimony	16.1	11.7	32%	None
Arsenic	4.790	2.220 U	NC	None
Barium	706	469	40%	None
Beryllium	1.100	0.64	53%	None
Cadmium	27.4	27.1	1%	None
Calcium	87400	86800	1%	None
Chromium	104	51.8	67%	None
Cobalt	22.9	12.2	61%	None

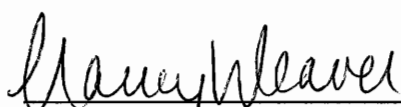
Metals				
Compound	SB-17(0-4) mg/kg	DUP-1 mg/kg	RPD	Qualifier
Copper	1540	717	73%	None
Iron	48500	31700	42%	None
Lead	1340	834	47%	None
Magnesium	6160	5150	18%	None
Manganese	526	514	2%	None
Mercury	7.3	7.2	1%	None
Mercury	7.6	ND	NC	None
Nickel	216	108	67%	None
Potassium	837	1200	36%	None
Selenium	3.220	2.460	27%	None
Sodium	622	498	22%	None
Thallium	0.60	2.810 U	NC	None
Vanadium	42.4	30.7	32%	None
Zinc	12300	8080	41%	None

Metals				
Compound	SB-27(0-4) mg/kg	DUP-2 mg/kg	RPD	Qualifier
Aluminum	8860	8120	9%	None
Antimony	26.7	13.1	68%	None
Arsenic	6.460	3.840	51%	None
Barium	732	596	20%	None
Beryllium	0.77	0.83	7%	None
Cadmium	23.3	17.3	30%	None
Calcium	58900	35300	50%	None
Chromium	221	175	23%	None
Cobalt	13.3	15.3	14%	None
Copper	588	581	1%	None
Iron	64100	65800	3%	None
Lead	4780	3590	28%	None
Magnesium	19500	4650	123%	J
Manganese	538	535	1%	None
Mercury	17.000	1.3	172%	J
Nickel	161	241	40%	None
Potassium	1150	944	20%	None
Selenium	4.440	3.350	28%	None
Sodium	1330	545	84%	None
Thallium	1.100	1.890	53%	None
Vanadium	89.3	120	29%	None
Zinc	3830	2890	28%	None

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:



Nancy Weaver
Senior Chemist

Dated: 1/14/10

Data Qualifiers

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-01Sample wt/vol: 5 (g/mL) g Lab File ID: VI029325.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: not dec. 19 Date Analyzed: 11/15/09GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.2	U	UJ ↓
74-87-3	Chloromethane	6.2	U	
75-01-4	Vinyl Chloride	6.2	U	
74-83-9	Bromomethane	6.2	U	
75-00-3	Chloroethane	6.2	U	
75-69-4	Trichlorofluoromethane	6.2	U	
76-13-1	1,1,2-Trichlorotrifluoroethane	6.2	U	
75-35-4	1,1-Dichloroethene	6.2	U	
67-64-1	Acetone	20	✓	
75-15-0	Carbon Disulfide	27		
1634-04-4	Methyl tert-butyl Ether	20		UJ ↓
79-20-9	Methyl Acetate	6.2	U	
75-09-2	Methylene Chloride	6.2	U	
156-60-5	trans-1,2-Dichloroethene	6.2	U	
75-34-3	1,1-Dichloroethane	6.2	U	
110-82-7	Cyclohexane	5		
78-93-3	2-Butanone	31	U	
56-23-5	Carbon Tetrachloride	6.2	U	
156-59-2	cis-1,2-Dichloroethene	4	J	
67-66-3	Chloroform	6.2	U	
71-55-6	1,1,1-Trichloroethane	6.2	U	UJ ↓
108-87-2	Methylcyclohexane	9.7		
71-43-2	Benzene	5.2	J	
107-06-2	1,2-Dichloroethane	6.2	U	
79-01-6	Trichloroethene	6.2	U	
78-87-5	1,2-Dichloropropane	6.2	U	
75-27-4	Bromodichloromethane	6.2	U	

nw
11/8/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029325.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

108-10-1	4-Methyl-2-Pentanone	44	
108-88-3	Toluene	16	
10061-02-6	t-1,3-Dichloropropene	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
591-78-6	2-Hexanone	31	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
127-18-4	Tetrachloroethene	11	
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethyl Benzene	80	
179601-23-1	m/p-Xylenes	53	
95-47-6	o-Xylene	42	
100-42-5	Styrene	14	
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	17	
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	3.1	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U

J
J
UJ
↓
J
JJ
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JJ
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JR
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-1E-

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029325.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/15/09

GC Column: RTX-VM6 ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 18 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	Tert butyl alcohol	6.12	64	
007785-70-8	1R-.alpha.-Pinene	12.19	130	
103-65-1	n-propylbenzene	12.74	15	
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.82	24	
108-67-8	1,3,5-Trimethylbenzene	12.9	35	
014296-81-2	Cyclohexane, 1,2,4-tris(methylene)	13.14	22	
95-63-6	1,2,4-Trimethylbenzene	13.3	96	
135-98-8	sec-Butylbenzene	13.42	8.7	
99-87-6	p-Isopropyltoluene	13.52	120	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	13.89	34	
104-51-8	n-Butylbenzene	13.95	7.9	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	14.82	48	
004695-62-9	Bicyclo[2.2.1]heptan-2-one, 1,3,3-	15.27	29	
000824-90-8	1-Phenyl-1-butene	15.33	24	
	unknown	15.97	20	
000464-49-3	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	16.38	20	
91-20-3	Naphthalene	16.45	130	
000090-12-0	Naphthalene, 1-methyl-	18.19	25	

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11/8/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029366.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
67-64-1	Acetone	31	U
75-15-0	Carbon Disulfide	11	
1634-04-4	Methyl tert-butyl Ether	16	
79-20-9	Methyl Acetate	6.2	U
75-09-2	Methylene Chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
78-93-3	2-Butanone	31	U
56-23-5	Carbon Tetrachloride	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
108-87-2	Methylcyclohexane	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
79-01-6	Trichloroethene	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
108-10-1	4-Methyl-2-Pentanone	34	
108-88-3	Toluene	16	

use original

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029379.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 16 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	✓
76-13-1	1,1,2-Trichlorotrifluoroethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
67-64-1	Acetone	30	U
75-15-0	Carbon Disulfide	5.9 6	✓
1634-04-4	Methyl tert-butyl Ether	5.9 27	✓
79-20-9	Methyl Acetate	5.9	✓
75-09-2	Methylene Chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
78-93-3	2-Butanone	30	U
56-23-5	Carbon Tetrachloride	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
108-87-2	Methylcyclohexane	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
79-01-6	Trichloroethene	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
108-10-1	4-Methyl-2-Pentanone	30	U
108-88-3	Toluene	5.9	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029379.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 16 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethyl Benzene	5.9	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	5.9	U
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029379.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 16 Date Analyzed: 11/17/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 11 Concentration Units: ug/Kg

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1000063-19-2	Bicyclo[4.2.0.]octane, 6,7-dimethy	12	18	J
007785-70-8	1R-.alpha.-Pinene	12.18	22	J
	unknown13.13	13.13	22	J
000091-17-8	Naphthalene, decahydro-	13.87	19	J
	unknown14.40	14.4	18	J
	unknown14.77	14.77	29	J
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	15.31	35	J
097664-18-1	Benzene, 1-methyl-4-(1-methyl-2-pr	15.61	19	J
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	15.76	20	J
004489-84-3	Benzene, (3-methyl-2-butenyl)-	15.86	19	J
91-20-3	Naphthalene	16.43	11	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04RE

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI029409.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 16 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
67-64-1	Acetone	30	U
75-15-0	Carbon Disulfide	6	U
1634-04-4	Methyl tert-butyl Ether	2.7	U
79-20-9	Methyl Acetate	5.9	U
75-09-2	Methylene Chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
78-93-3	2-Butanone	30	U
56-23-5	Carbon Tetrachloride	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
108-87-2	Methylcyclohexane	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
79-01-6	Trichloroethene	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
108-10-1	4-Methyl-2-Pentanone	30	U
108-88-3	Toluene	5.9	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04RE

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI029409.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 16 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
127-18-4	Tetrachloroethene	5.9	U
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethyl Benzene	5.9	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	5.9	U
100-42-5	Styrene	5.9	U
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029380.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

Use Reanalysis

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	6.2	U	UJ
74-87-3	Chloromethane	6.2	U	
75-01-4	Vinyl Chloride	6.2	U	
74-83-9	Bromomethane	6.2	U	
75-00-3	Chloroethane	6.2	U	
75-69-4	Trichlorofluoromethane	6.2	U	UJ
76-13-1	1,1,2-Trichlorotrifluoroethane	6.2	U	
75-35-4	1,1-Dichloroethene	6.2	U	
67-64-1	Acetone	31	U	
75-15-0	Carbon Disulfide	6.2	U	
1634-04-4	Methyl tert-butyl Ether	6.2	U	
79-20-9	Methyl Acetate	6.2	U	UJ
75-09-2	Methylene Chloride	6.2	U	
156-60-5	trans-1,2-Dichloroethene	6.2	U	
75-34-3	1,1-Dichloroethane	6.2	U	
110-82-7	Cyclohexane	6.2	U	
78-93-3	2-Butanone	31	U	
56-23-5	Carbon Tetrachloride	6.2	U	
156-59-2	cis-1,2-Dichloroethene	6.2	U	
67-66-3	Chloroform	6.2	U	
71-55-6	1,1,1-Trichloroethane	6.2	U	
108-87-2	Methylcyclohexane	6.2	U	
71-43-2	Benzene	6.2	U	
107-06-2	1,2-Dichloroethane	6.2	U	
79-01-6	Trichloroethene	6.2	U	
78-87-5	1,2-Dichloropropane	6.2	U	
75-27-4	Bromodichloromethane	6.2	U	
108-10-1	4-Methyl-2-Pentanone	31	U	
108-88-3	Toluene	6.2	U	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029380.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
591-78-6	2-Hexanone	31	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethyl Benzene	6.2	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U

Use reanalysis

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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029380.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/17/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 9 Concentration Units: ug/Kg
(ug/L or ug/Kg)

*use
reanalysis*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
007785-70-8	1R-.alpha.-Pinene	12.18	22	J
000091-17-8	Naphthalene, decahydro-	13.88	18	J
	unknown 14.40	14.4	17	J
	unknown 14.77	14.77	23	J
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl)	15.31	25	J
053172-84-2	Benzene, (1-methyl-1-butenyl)-	15.76	16	J
097664-19-2	Benzene, 1-methyl-2-(1-methyl-2-pr	15.86	16	J
91-20-3	Naphthalene	16.43	10	J
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	17.02	15	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029410.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
67-64-1	Acetone	31	U
75-15-0	Carbon Disulfide	10	
1634-04-4	Methyl tert-butyl Ether	4.2	
79-20-9	Methyl Acetate	6.2	U
75-09-2	Methylene Chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
78-93-3	2-Butanone	31	U
56-23-5	Carbon Tetrachloride	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
108-87-2	Methylcyclohexane	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
79-01-6	Trichloroethene	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
108-10-1	4-Methyl-2-Pentanone	31	U
108-88-3	Toluene	6.2	U

5RE

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)RE

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-05RESample wt/vol: 5 (g/mL) g Lab File ID: VI029410.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: not dec. 19 Date Analyzed: 11/17/09GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
591-78-6	2-Hexanone	31	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
127-18-4	Tetrachloroethene	6.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethyl Benzene	6.2	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029330.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 11 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
67-64-1	Acetone	28	U
75-15-0	Carbon Disulfide	5.6	U
1634-04-4	Methyl tert-butyl Ether	5.6	U
79-20-9	Methyl Acetate	8.7	
75-09-2	Methylene Chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
78-93-3	2-Butanone	28	U
56-23-5	Carbon Tetrachloride	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
108-87-2	Methylcyclohexane	5.6	U
71-43-2	Benzene	5.6	U
107-06-2	1,2-Dichloroethane	5.6	U
79-01-6	Trichloroethene	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
108-10-1	4-Methyl-2-Pentanone	28	U
108-88-3	Toluene	5.6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029330.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 11 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
591-78-6	2-Hexanone	28	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethyl Benzene	5.6	U
179601-23-1	m/p-Xylenes	11	U
95-47-6	o-Xylene	5.6	U
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029330.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 11 Date Analyzed: 11/15/09

GC Column: RTX-VMs ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume: _____

Number TICS found: 10 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
002847-72-5	Decane, 4-methyl-	12.95	270	J
	unknown13.31	13.31	380	J
000091-17-8	Naphthalene, decahydro-	13.88	400	J
	unknown13.97	13.97	220	J
017312-75-3	Nonane, 5-methyl-5-propyl-	14.11	320	J
	unknown14.37	14.37	200	J
002958-76-1	Naphthalene, decahydro-2-methyl-	14.79	270	J
017301-22-3	Undecane, 2,5-dimethyl-	15.03	360	J
	unknown15.43	15.43	190	J
002051-30-1	Octane, 2,6-dimethyl-	15.72	540	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029381.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 11 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.6	U
74-87-3	Chloromethane	5.6	U
75-01-4	Vinyl Chloride	5.6	U
74-83-9	Bromomethane	5.6	U
75-00-3	Chloroethane	5.6	U
75-69-4	Trichlorofluoromethane	5.6	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.6	U
75-35-4	1,1-Dichloroethene	5.6	U
67-64-1	Acetone	28	U
75-15-0	Carbon Disulfide	5.6	U
1634-04-4	Methyl tert-butyl Ether	5.6	U
79-20-9	Methyl Acetate	5.6	U
75-09-2	Methylene Chloride	5.6	U
156-60-5	trans-1,2-Dichloroethene	5.6	U
75-34-3	1,1-Dichloroethane	5.6	U
110-82-7	Cyclohexane	5.6	U
78-93-3	2-Butanone	28	U
56-23-5	Carbon Tetrachloride	5.6	U
156-59-2	cis-1,2-Dichloroethene	5.6	U
67-66-3	Chloroform	5.6	U
71-55-6	1,1,1-Trichloroethane	5.6	U
108-87-2	Methylcyclohexane	5.6	U
71-43-2	Benzene	5.6	U
107-06-2	1,2-Dichloroethane	5.6	U
79-01-6	Trichloroethene	5.6	U
78-87-5	1,2-Dichloropropane	5.6	U
75-27-4	Bromodichloromethane	5.6	U
108-10-1	4-Methyl-2-Pentanone	28	U
108-88-3	Toluene	5.6	U

Use original

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029381.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 11 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.6	U
10061-01-5	cis-1,3-Dichloropropene	5.6	U
79-00-5	1,1,2-Trichloroethane	5.6	U
591-78-6	2-Hexanone	28	U
124-48-1	Dibromochloromethane	5.6	U
106-93-4	1,2-Dibromoethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethyl Benzene	5.6	U
179601-23-1	m/p-Xylenes	11	U
95-47-6	o-Xylene	5.6	U
100-42-5	Styrene	5.6	U
75-25-2	Bromoform	5.6	U
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U
541-73-1	1,3-Dichlorobenzene	5.6	U
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U

Use original

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029331.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl Chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.8	U
75-35-4	1,1-Dichloroethene	5.8	U
67-64-1	Acetone	29	U
75-15-0	Carbon Disulfide	5.8	U
1634-04-4	Methyl tert-butyl Ether	5.8	U
79-20-9	Methyl Acetate	9.2	U
75-09-2	Methylene Chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	5.8	U
75-34-3	1,1-Dichloroethane	5.8	U
110-82-7	Cyclohexane	5.8	U
78-93-3	2-Butanone	29	U
56-23-5	Carbon Tetrachloride	5.8	U
156-59-2	cis-1,2-Dichloroethene	5.8	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	5.8	U
108-87-2	Methylcyclohexane	5.8	U
71-43-2	Benzene	5.8	U
107-06-2	1,2-Dichloroethane	5.8	U
79-01-6	Trichloroethene	5.8	U
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
108-10-1	4-Methyl-2-Pentanone	29	U
108-88-3	Toluene	5.8	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029331.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
591-78-6	2-Hexanone	29	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
127-18-4	Tetrachloroethene	5.8	U
108-90-7	Chlorobenzene	5.8	U
100-41-4	Ethyl Benzene	5.8	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	5.8	U
100-42-5	Styrene	5.8	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U



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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029331.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 10 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
007058-01-7	Cyclohexane, (1-methylpropyl)-	13.31	140	J
000176-63-6	Spiro[4.5]decane	13.89	220	J
026429-11-8	Heptadecane, 4-methyl-	14.11	210	J
	unknown14.36	14.36	130	J
002958-75-0	1-Methyldecahydronaphthalene	14.78	210	J
017301-23-4	Undecane, 2,6-dimethyl-	15.02	360	J
002051-30-1	Octane, 2,6-dimethyl-	15.72	620	J
1000111-72-3	cis,trans-1,6-Dimethylspiro[4.5]de	16.15	180	J
041446-64-4	6-Tetradecene, (E)-	16.5	180	J
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	17.1	230	J

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11/8/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029382.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl Chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.8	U
75-35-4	1,1-Dichloroethene	5.8	U
67-64-1	Acetone	29	U
75-15-0	Carbon Disulfide	5.8	U
1634-04-4	Methyl tert-butyl Ether	5.8	U
79-20-9	Methyl Acetate	17	U
75-09-2	Methylene Chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	5.8	U
75-34-3	1,1-Dichloroethane	5.8	U
110-82-7	Cyclohexane	5.8	U
78-93-3	2-Butanone	29	U
56-23-5	Carbon Tetrachloride	5.8	U
156-59-2	cis-1,2-Dichloroethene	5.8	U
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	5.8	U
108-87-2	Methylcyclohexane	5.8	U
71-43-2	Benzene	5.8	U
107-06-2	1,2-Dichloroethane	5.8	U
79-01-6	Trichloroethene	5.8	U
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
108-10-1	4-Methyl-2-Pentanone	29	U
108-88-3	Toluene	5.8	U

Use original

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J
R

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029382.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
591-78-6	2-Hexanone	29	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
127-18-4	Tetrachloroethene	5.8	U
108-90-7	Chlorobenzene	5.8	U
100-41-4	Ethyl Benzene	5.8	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	5.8	U
100-42-5	Styrene	5.8	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U

Use original

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029332.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 27 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.8	U
74-87-3	Chloromethane	6.8	U
75-01-4	Vinyl Chloride	6.8	U
74-83-9	Bromomethane	6.8	U
75-00-3	Chloroethane	6.8	U
75-69-4	Trichlorofluoromethane	6.8	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.8	U
75-35-4	1,1-Dichloroethene	6.8	U
67-64-1	Acetone	34	U
75-15-0	Carbon Disulfide	24	
1634-04-4	Methyl tert-butyl Ether	6.8	U
79-20-9	Methyl Acetate	6.8	U
75-09-2	Methylene Chloride	6.8	U
156-60-5	trans-1,2-Dichloroethene	6.8	U
75-34-3	1,1-Dichloroethane	6.8	U
110-82-7	Cyclohexane	3.7	U
78-93-3	2-Butanone	34	U
56-23-5	Carbon Tetrachloride	6.8	U
156-59-2	cis-1,2-Dichloroethene	6.8	U
67-66-3	Chloroform	6.8	U
71-55-6	1,1,1-Trichloroethane	6.8	U
108-87-2	Methylcyclohexane	6.7	U
71-43-2	Benzene	6.8	U
107-06-2	1,2-Dichloroethane	6.8	U
79-01-6	Trichloroethene	6.8	U
78-87-5	1,2-Dichloropropane	6.8	U
75-27-4	Bromodichloromethane	6.8	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	6.8	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029332.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 27 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.8	U	UJ ↓ J R R J R ↓
10061-01-5	cis-1,3-Dichloropropene	6.8	U	
79-00-5	1,1,2-Trichloroethane	6.8	U	
591-78-6	2-Hexanone	34	U	
124-48-1	Dibromochloromethane	6.8	U	
106-93-4	1,2-Dibromoethane	6.8	U	
127-18-4	Tetrachloroethene	6.8	U	
108-90-7	Chlorobenzene	6.8	U	
100-41-4	Ethyl Benzene	6.8	U	
179601-23-1	m/p-Xylenes	14	U	
95-47-6	o-Xylene	6.8	U	
100-42-5	Styrene	6.8	U	
75-25-2	Bromoform	6.8	U	
98-82-8	Isopropylbenzene	11		
79-34-5	1,1,2,2-Tetrachloroethane	6.8	U	
541-73-1	1,3-Dichlorobenzene	6.8	U	
106-46-7	1,4-Dichlorobenzene	23		
95-50-1	1,2-Dichlorobenzene	6.8	U	
96-12-8	1,2-Dibromo-3-Chloropropane	6.8	U	
120-82-1	1,2,4-Trichlorobenzene	6.8	U	

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029332.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 27 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 18 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
080655-44-3	Decahydro-4,4,8,9,10-pentamethylna	9.51	67	J
	unknown11.09	11.09	32	J
053941-19-8	2-Hexene, 3,4,4-trimethyl-	11.78	28	J
	unknown12.02	12.02	70	J
007785-70-8	1R-.alpha.-Pinene	12.19	38	J
003296-50-2	1H-Indene, octahydro-, trans-	12.44	28	J
103-65-1	n-propylbenzene	12.74	4.5	J
108-67-8	1,3,5-Trimethylbenzene	12.9	3.6	J
98-06-6	tert-Butylbenzene	13.25	12	J
95-63-6	1,2,4-Trimethylbenzene	13.3	5.1	J
135-98-8	sec-Butylbenzene	13.41	30	J
99-87-6	p-Isopropyltoluene	13.52	3.2	J
000493-02-7	Naphthalene, decahydro-, trans-	13.89	42	J
104-51-8	n-Butylbenzene	13.96	13	J
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	14.74	34	J
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	15.33	30	J
91-20-3	Naphthalene	16.45	37	J
000090-12-0	Naphthalene, 1-methyl-	18.53	28	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029383.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 27 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.8	U
74-87-3	Chloromethane	6.8	U
75-01-4	Vinyl Chloride	6.8	U
74-83-9	Bromomethane	6.8	U
75-00-3	Chloroethane	6.8	U
75-69-4	Trichlorofluoromethane	6.8	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.8	U
75-35-4	1,1-Dichloroethene	6.8	U
67-64-1	Acetone	34	U
75-15-0	Carbon Disulfide	6.8	U
1634-04-4	Methyl tert-butyl Ether	6.8	U
79-20-9	Methyl Acetate	6.8	U
75-09-2	Methylene Chloride	6.8	U
156-60-5	trans-1,2-Dichloroethene	6.8	U
75-34-3	1,1-Dichloroethane	6.8	U
110-82-7	Cyclohexane	6.8	U
78-93-3	2-Butanone	34	U
56-23-5	Carbon Tetrachloride	6.8	U
156-59-2	cis-1,2-Dichloroethene	6.8	U
67-66-3	Chloroform	6.8	U
71-55-6	1,1,1-Trichloroethane	6.8	U
108-87-2	Methylcyclohexane	6.8	U
71-43-2	Benzene	6.8	U
107-06-2	1,2-Dichloroethane	6.8	U
79-01-6	Trichloroethene	6.8	U
78-87-5	1,2-Dichloropropane	6.8	U
75-27-4	Bromodichloromethane	6.8	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	6.8	U

use original

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029383.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 27 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.8	U
10061-01-5	cis-1,3-Dichloropropene	6.8	U
79-00-5	1,1,2-Trichloroethane	6.8	U
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	6.8	U
106-93-4	1,2-Dibromoethane	6.8	U
127-18-4	Tetrachloroethene	6.8	U
108-90-7	Chlorobenzene	6.8	U
100-41-4	Ethyl Benzene	6.8	U
179601-23-1	m/p-Xylenes	14	U
95-47-6	o-Xylene	6.8	U
100-42-5	Styrene	6.8	U
75-25-2	Bromoform	6.8	U
98-82-8	Isopropylbenzene	6.8	U
79-34-5	1,1,2,2-Tetrachloroethane	6.8	U
541-73-1	1,3-Dichlorobenzene	6.8	U
106-46-7	1,4-Dichlorobenzene	14	
95-50-1	1,2-Dichlorobenzene	6.8	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.8	U
120-82-1	1,2,4-Trichlorobenzene	6.8	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029333.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 24 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.6	U
74-87-3	Chloromethane	6.6	U
75-01-4	Vinyl Chloride	6.6	U
74-83-9	Bromomethane	6.6	U
75-00-3	Chloroethane	6.6	U
75-69-4	Trichlorofluoromethane	6.6	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.6	U
75-35-4	1,1-Dichloroethene	6.6	U
67-64-1	Acetone	54	
75-15-0	Carbon Disulfide	27	
1634-04-4	Methyl tert-butyl Ether	47	
79-20-9	Methyl Acetate	6.6	U
75-09-2	Methylene Chloride	6.6	U
156-60-5	trans-1,2-Dichloroethene	6.6	U
75-34-3	1,1-Dichloroethane	6.6	U
110-82-7	Cyclohexane	20	
78-93-3	2-Butanone	33	U
56-23-5	Carbon Tetrachloride	6.6	U
156-59-2	cis-1,2-Dichloroethene	6.6	U
67-66-3	Chloroform	6.6	U
71-55-6	1,1,1-Trichloroethane	6.6	U
108-87-2	Methylcyclohexane	5.9	J
71-43-2	Benzene	6.6	U
107-06-2	1,2-Dichloroethane	6.6	U
79-01-6	Trichloroethene	6.6	U
78-87-5	1,2-Dichloropropane	6.6	U
75-27-4	Bromodichloromethane	6.6	U
108-10-1	4-Methyl-2-Pentanone	33	U
108-88-3	Toluene	3.2	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029333.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 24 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.6	U
10061-01-5	cis-1,3-Dichloropropene	6.6	U
79-00-5	1,1,2-Trichloroethane	6.6	U
591-78-6	2-Hexanone	33	U
124-48-1	Dibromochloromethane	6.6	U
106-93-4	1,2-Dibromoethane	6.6	U
127-18-4	Tetrachloroethene	6.6	U
108-90-7	Chlorobenzene	6.6	U
100-41-4	Ethyl Benzene	18	
179601-23-1	m/p-Xylenes	5.1	J
95-47-6	o-Xylene	6.6	U
100-42-5	Styrene	3.2	
75-25-2	Bromoform	6.6	U
98-82-8	Isopropylbenzene	25	
79-34-5	1,1,2,2-Tetrachloroethane	6.6	U
541-73-1	1,3-Dichlorobenzene	6.6	U
106-46-7	1,4-Dichlorobenzene	3.9	
95-50-1	1,2-Dichlorobenzene	6.6	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.6	U
120-82-1	1,2,4-Trichlorobenzene	14	

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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029333.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 24 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 19 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000107-83-5	Pentane, 2-methyl-	5.54	24	J
000096-37-7	Cyclopentane, methyl-	6.76	16	J
000994-05-8	Butane, 2-methoxy-2-methyl-	8.16	23	J
	unknown12.02	12.02	29	J
007785-70-8	1R-.alpha.-Pinene	12.2	32	J
103-65-1	n-propylbenzene	12.75	4.7	J
108-67-8	1,3,5-Trimethylbenzene	12.9	2.9	J
	unknown13.02	13.02	13	J
068998-21-0	Cyclopropane, 1,1-dimethyl-2-(3-me	13.14	14	J
98-06-6	tert-Butylbenzene	13.24	2.9	J
95-63-6	1,2,4-Trimethylbenzene	13.3	9.8	J
135-98-8	sec-Butylbenzene	13.41	4.0	J
99-87-6	p-Isopropyltoluene	13.52	3.3	J
000091-17-8	Naphthalene, decahydro-	13.89	23	J
104-51-8	n-Butylbenzene	13.95	3.6	J
	unknown14.09	14.09	14	J
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	14.81	17	J
91-20-3	Naphthalene	16.44	76	J
87-61-6	1,2,3-Trichlorobenzene	16.73	4.7	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029384.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 24 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

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CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
75-71-8	Dichlorodifluoromethane	6.6	U
74-87-3	Chloromethane	6.6	U
75-01-4	Vinyl Chloride	6.6	U
74-83-9	Bromomethane	6.6	U
75-00-3	Chloroethane	6.6	U
75-69-4	Trichlorofluoromethane	6.6	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.6	U
75-35-4	1,1-Dichloroethene	6.6	U
67-64-1	Acetone	33	U
75-15-0	Carbon Disulfide	11	
1634-04-4	Methyl tert-butyl Ether	13	
79-20-9	Methyl Acetate	6.6	U
75-09-2	Methylene Chloride	6.6	U
156-60-5	trans-1,2-Dichloroethene	6.6	U
75-34-3	1,1-Dichloroethane	6.6	U
110-82-7	Cyclohexane	6.6	U
78-93-3	2-Butanone	33	U
56-23-5	Carbon Tetrachloride	6.6	U
156-59-2	cis-1,2-Dichloroethene	6.6	U
67-66-3	Chloroform	6.6	U
71-55-6	1,1,1-Trichloroethane	6.6	U
108-87-2	Methylcyclohexane	6.6	U
71-43-2	Benzene	6.6	U
107-06-2	1,2-Dichloroethane	6.6	U
79-01-6	Trichloroethene	6.6	U
78-87-5	1,2-Dichloropropane	6.6	U
75-27-4	Bromodichloromethane	6.6	U
108-10-1	4-Methyl-2-Pentanone	33	U
108-88-3	Toluene	6.6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029384.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 24 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.6	U
10061-01-5	cis-1,3-Dichloropropene	6.6	U
79-00-5	1,1,2-Trichloroethane	6.6	U
591-78-6	2-Hexanone	33	U
124-48-1	Dibromochloromethane	6.6	U
106-93-4	1,2-Dibromoethane	6.6	U
127-18-4	Tetrachloroethene	6.6	U
108-90-7	Chlorobenzene	6.6	U
100-41-4	Ethyl Benzene	7.3	
179601-23-1	m/p-Xylenes	13	U
95-47-6	o-Xylene	6.6	U
100-42-5	Styrene	6.6	U
75-25-2	Bromoform	6.6	U
98-82-8	Isopropylbenzene	9.8	
79-34-5	1,1,2,2-Tetrachloroethane	6.6	U
541-73-1	1,3-Dichlorobenzene	6.6	U
106-46-7	1,4-Dichlorobenzene	6.6	U
95-50-1	1,2-Dichlorobenzene	6.6	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.6	U
120-82-1	1,2,4-Trichlorobenzene	6.6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029334.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

See reanalysis

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.5	U
74-87-3	Chloromethane	6.5	U
75-01-4	Vinyl Chloride	6.5	U
74-83-9	Bromomethane	6.5	U
75-00-3	Chloroethane	6.5	U
75-69-4	Trichlorofluoromethane	6.5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.5	U
75-35-4	1,1-Dichloroethene	6.5	U
67-64-1	Acetone	26	U
75-15-0	Carbon Disulfide	36	U
1634-04-4	Methyl tert-butyl Ether	6.5	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	6.5	U
156-60-5	trans-1,2-Dichloroethene	6.5	U
75-34-3	1,1-Dichloroethane	6.5	U
110-82-7	Cyclohexane	6.5	U
78-93-3	2-Butanone	32	U
56-23-5	Carbon Tetrachloride	6.5	U
156-59-2	cis-1,2-Dichloroethene	6.5	U
67-66-3	Chloroform	6.5	U
71-55-6	1,1,1-Trichloroethane	6.5	U
108-87-2	Methylcyclohexane	6.5	U
71-43-2	Benzene	6.5	U
107-06-2	1,2-Dichloroethane	6.5	U
79-01-6	Trichloroethene	6.5	U
78-87-5	1,2-Dichloropropane	6.5	U
75-27-4	Bromodichloromethane	6.5	U
108-10-1	4-Methyl-2-Pentanone	32	U
108-88-3	Toluene	6.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029334.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

See analysis

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
10061-02-6	t-1,3-Dichloropropene	6.5	U
10061-01-5	cis-1,3-Dichloropropene	6.5	U
79-00-5	1,1,2-Trichloroethane	6.5	U
591-78-6	2-Hexanone	32	U
124-48-1	Dibromochloromethane	6.5	U
106-93-4	1,2-Dibromoethane	6.5	U
127-18-4	Tetrachloroethene	6.5	U
108-90-7	Chlorobenzene	6.5	U
100-41-4	Ethyl Benzene	6.5	U
179601-23-1	m/p-Xylenes	13	U
95-47-6	o-Xylene	6.5	U
100-42-5	Styrene	6.5	U
75-25-2	Bromoform	6.5	U
98-82-8	Isopropylbenzene	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	6.5	U
541-73-1	1,3-Dichlorobenzene	6.5	U
106-46-7	1,4-Dichlorobenzene	6.5	U
95-50-1	1,2-Dichlorobenzene	6.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.5	U
120-82-1	1,2,4-Trichlorobenzene	6.5	U

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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

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EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029334.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/15/09

GC Column: RTX-VM6 ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 8 Concentration Units: ug/Kg

(ug/L or ug/Kg)

see reanalysis

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown7.93	7.93	9.4	J
000080-56-8	.alpha.-Pinene	12.19	18	J
	unknown12.35	12.35	8.1	J
	unknown12.90	12.9	6.7	J
007785-70-8	1R-.alpha.-Pinene	13.13	6.7	J
99-87-6	p-Isopropyltoluene	13.52	8.1	J
	unknown13.89	13.89	7.9	J
91-20-3	Naphthalene	16.44	16	J

J

hw
11/8/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10RE

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI029385.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.5	U
74-87-3	Chloromethane	6.5	U
75-01-4	Vinyl Chloride	6.5	U
74-83-9	Bromomethane	6.5	U
75-00-3	Chloroethane	6.5	U
75-69-4	Trichlorofluoromethane	6.5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.5	U
75-35-4	1,1-Dichloroethene	6.5	U
67-64-1	Acetone	26	U
75-15-0	Carbon Disulfide	36	U
1634-04-4	Methyl tert-butyl Ether	6.5	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	6.5	U
156-60-5	trans-1,2-Dichloroethene	6.5	U
75-34-3	1,1-Dichloroethane	6.5	U
110-82-7	Cyclohexane	6.5	U
78-93-3	2-Butanone	32	U
56-23-5	Carbon Tetrachloride	6.5	U
156-59-2	cis-1,2-Dichloroethene	6.5	U
67-66-3	Chloroform	6.5	U
71-55-6	1,1,1-Trichloroethane	6.5	U
108-87-2	Methylcyclohexane	6.5	U
71-43-2	Benzene	6.5	U
107-06-2	1,2-Dichloroethane	6.5	U
79-01-6	Trichloroethene	6.5	U
78-87-5	1,2-Dichloropropane	6.5	U
75-27-4	Bromodichloromethane	6.5	U
108-10-1	4-Methyl-2-Pentanone	32	U
108-88-3	Toluene	6.5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10RE

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI029385.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.5	U
10061-01-5	cis-1,3-Dichloropropene	6.5	U
79-00-5	1,1,2-Trichloroethane	6.5	U
591-78-6	2-Hexanone	32	U
124-48-1	Dibromochloromethane	6.5	U
106-93-4	1,2-Dibromoethane	6.5	U
127-18-4	Tetrachloroethene	6.5	U
108-90-7	Chlorobenzene	6.5	U
100-41-4	Ethyl Benzene	6.5	U
179601-23-1	m/p-Xylenes	13	U
95-47-6	o-Xylene	6.5	U
100-42-5	Styrene	6.5	U
75-25-2	Bromoform	6.5	U
98-82-8	Isopropylbenzene	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	6.5	U
541-73-1	1,3-Dichlorobenzene	6.5	U
106-46-7	1,4-Dichlorobenzene	6.5	U
95-50-1	1,2-Dichlorobenzene	6.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.5	U
120-82-1	1,2,4-Trichlorobenzene	6.5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029335.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
67-64-1	Acetone	31	U
75-15-0	Carbon Disulfide	6.2	U
1634-04-4	Methyl tert-butyl Ether	6.2	U
79-20-9	Methyl Acetate	4	J
75-09-2	Methylene Chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
78-93-3	2-Butanone	31	U
56-23-5	Carbon Tetrachloride	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
108-87-2	Methylcyclohexane	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
79-01-6	Trichloroethene	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
108-10-1	4-Methyl-2-Pentanone	31	U
108-88-3	Toluene	6.2	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029335.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
591-78-6	2-Hexanone	31	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
127-18-4	Tetrachloroethene	6.5	
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethyl Benzene	6.2	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	6.2	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029335.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 11 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000080-56-8	.alpha.-Pinene	12.19	8.2	J
	unknown13.32	13.32	7.1	J
000091-17-8	Naphthalene, decahydro-	13.89	7.5	J
	unknown14.78	14.78	7.1	J
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	15.31	9.8	J
	unknown15.62	15.62	7.0	J
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	15.87	7.2	J
000621-29-4	Benzene, 1-isocyanato-3-methyl-	16.26	7.6	J
91-20-3	Naphthalene	16.44	2.8	J
054340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trime	17.03	7.2	J
	unknown18.42	18.42	7.3	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029386.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.2	U
74-87-3	Chloromethane	6.2	U
75-01-4	Vinyl Chloride	6.2	U
74-83-9	Bromomethane	6.2	U
75-00-3	Chloroethane	6.2	U
75-69-4	Trichlorofluoromethane	6.2	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.2	U
75-35-4	1,1-Dichloroethene	6.2	U
67-64-1	Acetone	31	U
75-15-0	Carbon Disulfide	6.2	U
1634-04-4	Methyl tert-butyl Ether	6.2	U
79-20-9	Methyl Acetate	6.2	U
75-09-2	Methylene Chloride	6.2	U
156-60-5	trans-1,2-Dichloroethene	6.2	U
75-34-3	1,1-Dichloroethane	6.2	U
110-82-7	Cyclohexane	6.2	U
78-93-3	2-Butanone	31	U
56-23-5	Carbon Tetrachloride	6.2	U
156-59-2	cis-1,2-Dichloroethene	6.2	U
67-66-3	Chloroform	6.2	U
71-55-6	1,1,1-Trichloroethane	6.2	U
108-87-2	Methylcyclohexane	6.2	U
71-43-2	Benzene	6.2	U
107-06-2	1,2-Dichloroethane	6.2	U
79-01-6	Trichloroethene	6.2	U
78-87-5	1,2-Dichloropropane	6.2	U
75-27-4	Bromodichloromethane	6.2	U
108-10-1	4-Methyl-2-Pentanone	31	U
108-88-3	Toluene	6.2	U

use original

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029386.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
10061-02-6	t-1,3-Dichloropropene	6.2	U	
10061-01-5	cis-1,3-Dichloropropene	6.2	U	
79-00-5	1,1,2-Trichloroethane	6.2	U	
591-78-6	2-Hexanone	31	U	
124-48-1	Dibromochloromethane	6.2	U	
106-93-4	1,2-Dibromoethane	6.2	U	
127-18-4	Tetrachloroethene	6.2	U	
108-90-7	Chlorobenzene	6.2	U	
100-41-4	Ethyl Benzene	6.2	U	
179601-23-1	m/p-Xylenes	12	U	
95-47-6	o-Xylene	6.2	U	
100-42-5	Styrene	6.2	U	
75-25-2	Bromoform	6.2	U	
98-82-8	Isopropylbenzene	6.2	U	
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U	
541-73-1	1,3-Dichlorobenzene	6.2	U	
106-46-7	1,4-Dichlorobenzene	6.2	U	
95-50-1	1,2-Dichlorobenzene	6.2	U	
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U	
120-82-1	1,2,4-Trichlorobenzene	6.2	U	

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-102(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029336.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 39 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 15 Concentration Units: ug/Kg

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown12.02	12.02	14	J
007785-70-8	1R-.alpha.-Pinene	12.18	76	J
103-65-1	n-propylbenzene	12.74	5.2	J
108-67-8	1,3,5-Trimethylbenzene	12.9	9.2	J
014720-74-2	Heptane, 2,2,4-trimethyl-	13.02	15	J
000127-91-3	.beta.-Pinene	13.15	19	J
95-63-6	1,2,4-Trimethylbenzene	13.3	18	J
135-98-8	sec-Butylbenzene	13.42	4.8	J
99-87-6	p-Isopropyltoluene	13.53	26	J
	unknown13.89	13.89	26	J
104-51-8	n-Butylbenzene	13.96	3.9	J
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	14.81	29	J
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	16.27	25	J
079209-36-2	1,3-Cyclopentadiene, 5-(trans-2-et	16.38	15	J
91-20-3	Naphthalene	16.44	39	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029387.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 39 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	8.2		U
74-87-3	Chloromethane	8.2		U
75-01-4	Vinyl Chloride	8.2		U
74-83-9	Bromomethane	8.2		U
75-00-3	Chloroethane	8.2		U
75-69-4	Trichlorofluoromethane	8.2		U
76-13-1	1,1,2-Trichlorotrifluoroethane	8.2		U
75-35-4	1,1-Dichloroethene	8.2		U
67-64-1	Acetone	41		U
75-15-0	Carbon Disulfide	8.2		U
1634-04-4	Methyl tert-butyl Ether	8.2		U
79-20-9	Methyl Acetate	8.2		U
75-09-2	Methylene Chloride	8.2		U
156-60-5	trans-1,2-Dichloroethene	8.2		U
75-34-3	1,1-Dichloroethane	8.2		U
110-82-7	Cyclohexane	8.2		U
78-93-3	2-Butanone	41		U
56-23-5	Carbon Tetrachloride	8.2		U
156-59-2	cis-1,2-Dichloroethene	8.2		U
67-66-3	Chloroform	8.2		U
71-55-6	1,1,1-Trichloroethane	8.2		U
108-87-2	Methylcyclohexane	8.2		U
71-43-2	Benzene	8.2		U
107-06-2	1,2-Dichloroethane	8.2		U
79-01-6	Trichloroethene	8.2		U
78-87-5	1,2-Dichloropropane	8.2		U
75-27-4	Bromodichloromethane	8.2		U
108-10-1	4-Methyl-2-Pentanone	41		U
108-88-3	Toluene	8.2		U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029387.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 39 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	8.2	U
10061-01-5	cis-1,3-Dichloropropene	8.2	U
79-00-5	1,1,2-Trichloroethane	8.2	U
591-78-6	2-Hexanone	41	U
124-48-1	Dibromochloromethane	8.2	U
106-93-4	1,2-Dibromoethane	8.2	U
127-18-4	Tetrachloroethene	8.2	U
108-90-7	Chlorobenzene	8.2	U
100-41-4	Ethyl Benzene	8.2	U
179601-23-1	m/p-Xylenes	16	U
95-47-6	o-Xylene	8.2	U
100-42-5	Styrene	8.2	U
75-25-2	Bromoform	8.2	U
98-82-8	Isopropylbenzene	8.2	U
79-34-5	1,1,2,2-Tetrachloroethane	8.2	U
541-73-1	1,3-Dichlorobenzene	8.2	U
106-46-7	1,4-Dichlorobenzene	8.2	U
95-50-1	1,2-Dichlorobenzene	8.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	8.2	U
120-82-1	1,2,4-Trichlorobenzene	8.2	U

Use original

KJ

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029411.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.8	U	U
74-87-3	Chloromethane	5.8	U	U
75-01-4	Vinyl Chloride	5.8	U	U
74-83-9	Bromomethane	5.8	U	U
75-00-3	Chloroethane	5.8	U	U
75-69-4	Trichlorofluoromethane	5.8	U	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.8	U	U
75-35-4	1,1-Dichloroethene	5.8	U	U
67-64-1	Acetone	26	J	J
75-15-0	Carbon Disulfide	6.1	J	J
1634-04-4	Methyl tert-butyl Ether	5.8	U	U
79-20-9	Methyl Acetate	5.8	U	U
75-09-2	Methylene Chloride	3	J	J
156-60-5	trans-1,2-Dichloroethene	3.3	J	J
75-34-3	1,1-Dichloroethane	5.8	U	U
110-82-7	Cyclohexane	5.8	U	U
78-93-3	2-Butanone	29	U	U
56-23-5	Carbon Tetrachloride	5.8	U	U
156-59-2	cis-1,2-Dichloroethene	8.2	J	J
67-66-3	Chloroform	5.8	U	U
71-55-6	1,1,1-Trichloroethane	5.8	U	U
108-87-2	Methylcyclohexane	5.4	J	J
71-43-2	Benzene	1.3	J	J
107-06-2	1,2-Dichloroethane	5.8	U	U
79-01-6	Trichloroethene	3.4	J	J
78-87-5	1,2-Dichloropropane	5.8	U	U
75-27-4	Bromodichloromethane	5.8	U	U
108-10-1	4-Methyl-2-Pentanone	29	U	U
108-88-3	Toluene	4	J	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029411.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
591-78-6	2-Hexanone	29	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
127-18-4	Tetrachloroethene	13	U
108-90-7	Chlorobenzene	5.8	U
100-41-4	Ethyl Benzene	95	U
179601-23-1	m/p-Xylenes	21	U
95-47-6	o-Xylene	54	U
100-42-5	Styrene	31	U
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	4.5	U
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U

SOIL VOLATILE ANALYSIS TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029411.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/17/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 18 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	Tert butyl alcohol	6.09	39	J
007785-70-8	1R-.alpha.-Pinene	12.16	72	J
103-65-1	n-propylbenzene	12.71	37	J
108-67-8	1,3,5-Trimethylbenzene	12.87	190	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	13.11	21	J
95-63-6	1,2,4-Trimethylbenzene	13.27	54	J
135-98-8	sec-Butylbenzene	13.38	29	J
99-87-6	p-Isopropyltoluene	13.49	43	J
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	13.85	47	J
104-51-8	n-Butylbenzene	13.93	29	J
001005-64-7	Benzene, 1-butenyl-, (E)-	14.39	25	J
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	14.78	80	J
017301-23-4	Undecane, 2,6-dimethyl-	14.98	38	J
003333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	15.3	36	J
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	15.53	16	J
000629-50-5	Tridecane	15.93	35	J
	unknown16.12	16.12	18	J
91-20-3	Naphthalene	16.4	13	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036176.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/18/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 10 (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q

75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl Chloride	5.8	U
74-83-9	Bromomethane	5.8	U
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	5.8	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.8	U
75-35-4	1,1-Dichloroethene	5.8	U
67-64-1	Acetone	17	J
75-15-0	Carbon Disulfide	6.4	
1634-04-4	Methyl tert-butyl Ether	5.8	U
79-20-9	Methyl Acetate	5.8	U
75-09-2	Methylene Chloride	5.8	U
156-60-5	trans-1,2-Dichloroethene	1.9	
75-34-3	1,1-Dichloroethane	5.8	U
110-82-7	Cyclohexane	5.8	U
78-93-3	2-Butanone	29	U
56-23-5	Carbon Tetrachloride	5.8	U
156-59-2	cis-1,2-Dichloroethene	6	
67-66-3	Chloroform	5.8	U
71-55-6	1,1,1-Trichloroethane	5.8	U
108-87-2	Methylcyclohexane	5.3	
71-43-2	Benzene	1.3	
107-06-2	1,2-Dichloroethane	5.8	U
79-01-6	Trichloroethene	3.4	
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	U
108-10-1	4-Methyl-2-Pentanone	29	U
108-88-3	Toluene	4.8	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13RE

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036176.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 14 Date Analyzed: 11/18/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	U
591-78-6	2-Hexanone	29	U
124-48-1	Dibromochloromethane	5.8	U
106-93-4	1,2-Dibromoethane	5.8	U
127-18-4	Tetrachloroethene	10	
108-90-7	Chlorobenzene	5.8	U
100-41-4	Ethyl Benzene	76	
179601-23-1	m/p-Xylenes	24	
95-47-6	o-Xylene	51	
100-42-5	Styrene	7.6	
75-25-2	Bromoform	5.8	U
98-82-8	Isopropylbenzene	36	
79-34-5	1,1,2,2-Tetrachloroethane	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	U
106-46-7	1,4-Dichlorobenzene	2.4	J
95-50-1	1,2-Dichlorobenzene	5.8	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029338.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.3	U
74-87-3	Chloromethane	6.3	U
75-01-4	Vinyl Chloride	6.3	U
74-83-9	Bromomethane	6.3	U
75-00-3	Chloroethane	6.3	U
75-69-4	Trichlorofluoromethane	6.3	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.3	U
75-35-4	1,1-Dichloroethene	6.3	U
67-64-1	Acetone	26	J
75-15-0	Carbon Disulfide	25	
1634-04-4	Methyl tert-butyl Ether	6.3	U
79-20-9	Methyl Acetate	2.9	/
75-09-2	Methylene Chloride	6.3	U
156-60-5	trans-1,2-Dichloroethene	6.3	U
75-34-3	1,1-Dichloroethane	6.3	U
110-82-7	Cyclohexane	6.3	U
78-93-3	2-Butanone	32	U
56-23-5	Carbon Tetrachloride	6.3	U
156-59-2	cis-1,2-Dichloroethene	6.3	U
67-66-3	Chloroform	6.3	U
71-55-6	1,1,1-Trichloroethane	6.3	U
108-87-2	Methylcyclohexane	2.8	/
71-43-2	Benzene	6.3	U
107-06-2	1,2-Dichloroethane	6.3	U
79-01-6	Trichloroethene	6.3	U
78-87-5	1,2-Dichloropropane	6.3	U
75-27-4	Bromodichloromethane	6.3	U
108-10-1	4-Methyl-2-Pentanone	32	U
108-88-3	Toluene	6.3	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029338.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.3	U
10061-01-5	cis-1,3-Dichloropropene	6.3	U
79-00-5	1,1,2-Trichloroethane	6.3	U
591-78-6	2-Hexanone	32	U
124-48-1	Dibromochloromethane	6.3	U
106-93-4	1,2-Dibromoethane	6.3	U
127-18-4	Tetrachloroethene	7.1	
108-90-7	Chlorobenzene	6.3	U
100-41-4	Ethyl Benzene	3.7	J
179601-23-1	m/p-Xylenes	5.3	J
95-47-6	o-Xylene	4	J
100-42-5	Styrene	6.3	U
75-25-2	Bromoform	6.3	U
98-82-8	Isopropylbenzene	12	
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U
541-73-1	1,3-Dichlorobenzene	6.3	U
106-46-7	1,4-Dichlorobenzene	3.2	J
95-50-1	1,2-Dichlorobenzene	7.2	
96-12-8	1,2-Dibromo-3-Chloropropane	6.3	U
120-82-1	1,2,4-Trichlorobenzene	6.3	U

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

14

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029338.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 17 Concentration Units: ug/Kg

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000638-04-0	Cyclohexane, 1,3-dimethyl-, cis-	11.78	16	J
001124-63-6	Cyclohexanepropanol-	12.01	29	J
000080-56-8	.alpha.-Pinene	12.19	29	J
	unknown12.43	12.43	14	J
103-65-1	n-propylbenzene	12.74	3.8	J
108-67-8	1,3,5-Trimethylbenzene	12.9	22	J
000620-14-4	Benzene, 1-ethyl-3-methyl-	13.14	24	J
95-63-6	1,2,4-Trimethylbenzene	13.3	38	J
135-98-8	sec-Butylbenzene	13.42	6.6	J
99-87-6	p-Isopropyltoluene	13.52	5.2	J
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	13.88	35	J
104-51-8	n-Butylbenzene	13.95	3.9	J
000281-23-2	Adamantane	14.41	20	J
000824-90-8	1-Phenyl-1-butene	14.5	17	J
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	14.8	22	J
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	15.32	21	J
91-20-3	Naphthalene	16.44	27	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029376.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

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CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	6.3		U
74-87-3	Chloromethane	6.3		U
75-01-4	Vinyl Chloride	6.3		U
74-83-9	Bromomethane	6.3		U
75-00-3	Chloroethane	6.3		U
75-69-4	Trichlorofluoromethane	6.3		U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.3		U
75-35-4	1,1-Dichloroethene	6.3		U
67-64-1	Acetone	32		U
75-15-0	Carbon Disulfide	15		
1634-04-4	Methyl tert-butyl Ether	6.3		U
79-20-9	Methyl Acetate	6.3		U
75-09-2	Methylene Chloride	6.3		U
156-60-5	trans-1,2-Dichloroethene	6.3		U
75-34-3	1,1-Dichloroethane	6.3		U
110-82-7	Cyclohexane	6.3		U
78-93-3	2-Butanone	32		U
56-23-5	Carbon Tetrachloride	6.3		U
156-59-2	cis-1,2-Dichloroethene	6.3		U
67-66-3	Chloroform	6.3		U
71-55-6	1,1,1-Trichloroethane	6.3		U
108-87-2	Methylcyclohexane	6.3		U
71-43-2	Benzene	6.3		U
107-06-2	1,2-Dichloroethane	6.3		U
79-01-6	Trichloroethene	6.3		U
78-87-5	1,2-Dichloropropane	6.3		U
75-27-4	Bromodichloromethane	6.3		U
108-10-1	4-Methyl-2-Pentanone	32		U
108-88-3	Toluene	6.3		U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029376.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg 0

10061-02-6	t-1,3-Dichloropropene	6.3	U
10061-01-5	cis-1,3-Dichloropropene	6.3	U
79-00-5	1,1,2-Trichloroethane	6.3	U
591-78-6	2-Hexanone	32	U
124-48-1	Dibromochloromethane	6.3	U
106-93-4	1,2-Dibromoethane	6.3	U
127-18-4	Tetrachloroethene	6.3	U
108-90-7	Chlorobenzene	6.3	U
100-41-4	Ethyl Benzene	6.3	U
179601-23-1	m/p-Xylenes	13	U
95-47-6	o-Xylene	6.3	U
100-42-5	Styrene	6.3	U
75-25-2	Bromoform	6.3	U
98-82-8	Isopropylbenzene	10	
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U
541-73-1	1,3-Dichlorobenzene	6.3	U
106-46-7	1,4-Dichlorobenzene	6.3	U
95-50-1	1,2-Dichlorobenzene	8.3	
96-12-8	1,2-Dibromo-3-Chloropropane	6.3	U
120-82-1	1,2,4-Trichlorobenzene	6.3	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-17

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029341.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.5	U
74-87-3	Chloromethane	6.5	U
75-01-4	Vinyl Chloride	6.5	U
74-83-9	Bromomethane	6.5	U
75-00-3	Chloroethane	6.5	U
75-69-4	Trichlorofluoromethane	6.5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.5	U
75-35-4	1,1-Dichloroethene	6.5	U
67-64-1	Acetone	26	J
75-15-0	Carbon Disulfide	4.8	J
1634-04-4	Methyl tert-butyl Ether	6.5	U
79-20-9	Methyl Acetate	11	
75-09-2	Methylene Chloride	3.5	J
156-60-5	trans-1,2-Dichloroethene	6.5	U
75-34-3	1,1-Dichloroethane	6.5	U
110-82-7	Cyclohexane	6.5	U
78-93-3	2-Butanone	32	U
56-23-5	Carbon Tetrachloride	6.5	U
156-59-2	cis-1,2-Dichloroethene	6.5	U
67-66-3	Chloroform	6.5	U
71-55-6	1,1,1-Trichloroethane	6.5	U
108-87-2	Methylcyclohexane	6.5	U
71-43-2	Benzene	6.5	U
107-06-2	1,2-Dichloroethane	6.5	U
79-01-6	Trichloroethene	6.5	U
78-87-5	1,2-Dichloropropane	6.5	U
75-27-4	Bromodichloromethane	6.5	U
108-10-1	4-Methyl-2-Pentanone	32	U
108-88-3	Toluene	2.7	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-17

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029341.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.5	U
10061-01-5	cis-1,3-Dichloropropene	6.5	U
79-00-5	1,1,2-Trichloroethane	6.5	U
591-78-6	2-Hexanone	32	U
124-48-1	Dibromochloromethane	6.5	U
106-93-4	1,2-Dibromoethane	6.5	U
127-18-4	Tetrachloroethene	6.5	U
108-90-7	Chlorobenzene	6.5	U
100-41-4	Ethyl Benzene	6.1	J
179601-23-1	m/p-Xylenes	8.6	J
95-47-6	o-Xylene	6.6	J
100-42-5	Styrene	5.4	J
75-25-2	Bromoform	6.5	J
98-82-8	Isopropylbenzene	8.1	J
79-34-5	1,1,2,2-Tetrachloroethane	6.5	U
541-73-1	1,3-Dichlorobenzene	6.5	U
106-46-7	1,4-Dichlorobenzene	3.1	U
95-50-1	1,2-Dichlorobenzene	6.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.5	U
120-82-1	1,2,4-Trichlorobenzene	6.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4) RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-17RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029389.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
75-71-8	Dichlorodifluoromethane	6.5	U
74-87-3	Chloromethane	6.5	U
75-01-4	Vinyl Chloride	6.5	U
74-83-9	Bromomethane	6.5	U
75-00-3	Chloroethane	6.5	U
75-69-4	Trichlorofluoromethane	6.5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.5	U
75-35-4	1,1-Dichloroethene	6.5	U
67-64-1	Acetone	77	U
75-15-0	Carbon Disulfide	6.5	U
1634-04-4	Methyl tert-butyl Ether	6.5	U
79-20-9	Methyl Acetate	6.5	U
75-09-2	Methylene Chloride	6.5	U
156-60-5	trans-1,2-Dichloroethene	6.5	U
75-34-3	1,1-Dichloroethane	6.5	U
110-82-7	Cyclohexane	6.5	U
78-93-3	2-Butanone	32	U
56-23-5	Carbon Tetrachloride	6.5	U
156-59-2	cis-1,2-Dichloroethene	6.5	U
67-66-3	Chloroform	6.5	U
71-55-6	1,1,1-Trichloroethane	6.5	U
108-87-2	Methylcyclohexane	6.5	U
71-43-2	Benzene	6.5	U
107-06-2	1,2-Dichloroethane	6.5	U
79-01-6	Trichloroethene	6.5	U
78-87-5	1,2-Dichloropropane	6.5	U
75-27-4	Bromodichloromethane	6.5	U
108-10-1	4-Methyl-2-Pentanone	32	U
108-88-3	Toluene	6.5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4) RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-17RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029389.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 23 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
10061-02-6	t-1,3-Dichloropropene	6.5		U
10061-01-5	cis-1,3-Dichloropropene	6.5		U
79-00-5	1,1,2-Trichloroethane	6.5		U
591-78-6	2-Hexanone	32		U
124-48-1	Dibromochloromethane	6.5		U
106-93-4	1,2-Dibromoethane	6.5		U
127-18-4	Tetrachloroethene	6.5		U
108-90-7	Chlorobenzene	6.5		U
100-41-4	Ethyl Benzene	6.5		U
179601-23-1	m/p-Xylenes	13		U
95-47-6	o-Xylene	6.7		
100-42-5	Styrene	8.5		
75-25-2	Bromoform	6.5		U
98-82-8	Isopropylbenzene	6.5		U
79-34-5	1,1,2,2-Tetrachloroethane	6.5		U
541-73-1	1,3-Dichlorobenzene	6.5		U
106-46-7	1,4-Dichlorobenzene	6.5		U
95-50-1	1,2-Dichlorobenzene	6.5		U
96-12-8	1,2-Dibromo-3-Chloropropane	6.5		U
120-82-1	1,2,4-Trichlorobenzene	6.5		U

use
original

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new
11/8/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029342.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 33 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	7.5	U
10061-01-5	cis-1,3-Dichloropropene	7.5	U
79-00-5	1,1,2-Trichloroethane	7.5	U
591-78-6	2-Hexanone	37	U
124-48-1	Dibromochloromethane	7.5	U
106-93-4	1,2-Dibromoethane	7.5	U
127-18-4	Tetrachloroethene	3.7	J
108-90-7	Chlorobenzene	7.5	U
100-41-4	Ethyl Benzene	7.5	U
179601-23-1	m/p-Xylenes	15	U
95-47-6	o-Xylene	7.5	U
100-42-5	Styrene	7.5	U
75-25-2	Bromoform	7.5	U
98-82-8	Isopropylbenzene	7.5	U
79-34-5	1,1,2,2-Tetrachloroethane	7.5	U
541-73-1	1,3-Dichlorobenzene	7.5	U
106-46-7	1,4-Dichlorobenzene	4.9	J
95-50-1	1,2-Dichlorobenzene	7.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	7.5	U
120-82-1	1,2,4-Trichlorobenzene	7.5	U

Use Reanalysis

R
J
R
J
R

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029342.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 33 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 13 Concentration Units: ug/Kg

(ug/L or ug/Kg)

Use reanalysis

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
042513-42-8	8-Dodecenol	12.01	21	J
007785-70-8	1R-.alpha.-Pinene	12.19	380	J
005794-03-6	Bicyclo[2.2.1]heptane, 2,2-dimethy	12.47	21	J
000079-92-5	Camphene	12.53	54	J
000127-91-3	.beta.-Pinene	12.9	120	J
073105-67-6	1-Iodo-2-methylundecane	13.34	34	J
135-98-8	sec-Butylbenzene	13.41	4.2	J
99-87-6	p-Isopropyltoluene	13.52	59	J
000493-02-7	Naphthalene, decahydro-, trans-	13.88	18	J
062237-97-2	Decane, 2,2,6-trimethyl-	14.12	25	J
	unknown14.40	14.4	21	J
031295-56-4	Dodecane, 2,6,11-trimethyl-	14.66	29	J
91-20-3	Naphthalene	16.44	17	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029390.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 33 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	7.4	U
74-87-3	Chloromethane	7.4	U
75-01-4	Vinyl Chloride	7.4	U
74-83-9	Bromomethane	7.4	U
75-00-3	Chloroethane	7.4	U
75-69-4	Trichlorofluoromethane	41	
76-13-1	1,1,2-Trichlorotrifluoroethane	7.4	U
75-35-4	1,1-Dichloroethene	7.4	U
67-64-1	Acetone	37	U
75-15-0	Carbon Disulfide	7.4	U
1634-04-4	Methyl tert-butyl Ether	7.4	U
79-20-9	Methyl Acetate	7.4	U
75-09-2	Methylene Chloride	7.4	U
156-60-5	trans-1,2-Dichloroethene	7.4	U
75-34-3	1,1-Dichloroethane	7.4	U
110-82-7	Cyclohexane	7.4	U
78-93-3	2-Butanone	37	U
56-23-5	Carbon Tetrachloride	7.4	U
156-59-2	cis-1,2-Dichloroethene	7.4	U
67-66-3	Chloroform	7.4	U
71-55-6	1,1,1-Trichloroethane	7.4	U
108-87-2	Methylcyclohexane	7.4	U
71-43-2	Benzene	7.4	U
107-06-2	1,2-Dichloroethane	7.4	U
79-01-6	Trichloroethene	7.4	U
78-87-5	1,2-Dichloropropane	7.4	U
75-27-4	Bromodichloromethane	7.4	U
108-10-1	4-Methyl-2-Pentanone	37	U
108-88-3	Toluene	7.4	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029390.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 33 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	7.4	U
10061-01-5	cis-1,3-Dichloropropene	7.4	U
79-00-5	1,1,2-Trichloroethane	7.4	U
591-78-6	2-Hexanone	37	U
124-48-1	Dibromochloromethane	7.4	U
106-93-4	1,2-Dibromoethane	7.4	U
127-18-4	Tetrachloroethene	7.4	U
108-90-7	Chlorobenzene	7.4	U
100-41-4	Ethyl Benzene	7.4	U
179601-23-1	m/p-Xylenes	15	U
95-47-6	o-Xylene	7.4	U
100-42-5	Styrene	7.4	U
75-25-2	Bromoform	7.4	U
98-82-8	Isopropylbenzene	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	7.4	U
541-73-1	1,3-Dichlorobenzene	7.4	U
106-46-7	1,4-Dichlorobenzene	7.4	U
95-50-1	1,2-Dichlorobenzene	7.4	U
96-12-8	1,2-Dibromo-3-Chloropropane	7.4	U
120-82-1	1,2,4-Trichlorobenzene	7.4	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029343.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 30 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	7.1	U
74-87-3	Chloromethane	7.1	U
75-01-4	Vinyl Chloride	7.1	U
74-83-9	Bromomethane	7.1	U
75-00-3	Chloroethane	7.1	U
75-69-4	Trichlorofluoromethane	8.9	
76-13-1	1,1,2-Trichlorotrifluoroethane	7.1	U
75-35-4	1,1-Dichloroethene	7.1	U
67-64-1	Acetone	36	U
75-15-0	Carbon Disulfide	5	J
1634-04-4	Methyl tert-butyl Ether	7.1	U
79-20-9	Methyl Acetate	11	
75-09-2	Methylene Chloride	7.1	U
156-60-5	trans-1,2-Dichloroethene	7.1	U
75-34-3	1,1-Dichloroethane	7.1	U
110-82-7	Cyclohexane	7.1	U
78-93-3	2-Butanone	36	U
56-23-5	Carbon Tetrachloride	7.1	U
156-59-2	cis-1,2-Dichloroethene	7.1	J
67-66-3	Chloroform	7.1	U
71-55-6	1,1,1-Trichloroethane	7.1	U
108-87-2	Methylcyclohexane	7.1	U
71-43-2	Benzene	7.1	U
107-06-2	1,2-Dichloroethane	7.1	U
79-01-6	Trichloroethene	7.1	U
78-87-5	1,2-Dichloropropane	7.1	U
75-27-4	Bromodichloromethane	7.1	U
108-10-1	4-Methyl-2-Pentanone	36	U
108-88-3	Toluene	4.9	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029343.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 30 Date Analyzed: 11/15/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
10061-02-6	t-1,3-Dichloropropene	7.1	U
10061-01-5	cis-1,3-Dichloropropene	7.1	U
79-00-5	1,1,2-Trichloroethane	7.1	U
591-78-6	2-Hexanone	36	U
124-48-1	Dibromochloromethane	7.1	U
106-93-4	1,2-Dibromoethane	7.1	U
127-18-4	Tetrachloroethene	3.5	J
108-90-7	Chlorobenzene	7.1	U
100-41-4	Ethyl Benzene	7.1	U
179601-23-1	m/p-Xylenes	14	U
95-47-6	o-Xylene	7.1	U
100-42-5	Styrene	7.1	U
75-25-2	Bromoform	7.1	U
98-82-8	Isopropylbenzene	7.1	U
79-34-5	1,1,2,2-Tetrachloroethane	7.1	U
541-73-1	1,3-Dichlorobenzene	7.1	U
106-46-7	1,4-Dichlorobenzene	4.8	J
95-50-1	1,2-Dichlorobenzene	7.1	U
96-12-8	1,2-Dibromo-3-Chloropropane	7.1	U
120-82-1	1,2,4-Trichlorobenzene	7.1	U

SOIL VOLATILE ANALYSIS TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029343.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 30 Date Analyzed: 11/15/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 14 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown12.01	12.01	18	J
007785-26-4	1S-.alpha.-Pinene	12.19	510	J
000471-84-1	Bicyclo[2.2.1]heptane, 7,7-dimethy	12.48	27	J
000079-92-5	Camphene	12.53	65	J
000127-91-3	.beta.-Pinene	12.9	140	J
017302-37-3	Decane, 2,2-dimethyl-	13.02	19	J
95-63-6	1,2,4-Trimethylbenzene	13.3	3.3	J
135-98-8	sec-Butylbenzene	13.41	5.7	J
99-87-6	p-Isopropyltoluene	13.52	83	J
000493-02-7	Naphthalene, decahydro-, trans-	13.88	20	J
062237-99-4	Decane, 2,2,7-trimethyl-	14.12	29	J
	unknown14.37	14.37	19	J
002051-30-1	Octane, 2,6-dimethyl-	14.66	28	J
91-20-3	Naphthalene	16.44	16	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19RE

Sample wt/vol: 5.04 (g/mL) g Lab File ID: VI029391.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 30 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	7.1	U
74-87-3	Chloromethane	7.1	U
75-01-4	Vinyl Chloride	7.1	U
74-83-9	Bromomethane	7.1	U
75-00-3	Chloroethane	7.1	U
75-69-4	Trichlorofluoromethane	7.1	U
76-13-1	1,1,2-Trichlorotrifluoroethane	7.1	U
75-35-4	1,1-Dichloroethene	7.1	U
67-64-1	Acetone	35	U
75-15-0	Carbon Disulfide	7.1	U
1634-04-4	Methyl tert-butyl Ether	7.1	U
79-20-9	Methyl Acetate	7.1	U
75-09-2	Methylene Chloride	7.1	U
156-60-5	trans-1,2-Dichloroethene	7.1	U
75-34-3	1,1-Dichloroethane	7.1	U
110-82-7	Cyclohexane	7.1	U
78-93-3	2-Butanone	35	U
56-23-5	Carbon Tetrachloride	7.1	U
156-59-2	cis-1,2-Dichloroethene	7.1	U
67-66-3	Chloroform	7.1	U
71-55-6	1,1,1-Trichloroethane	7.1	U
108-87-2	Methylcyclohexane	7.1	U
71-43-2	Benzene	7.1	U
107-06-2	1,2-Dichloroethane	7.1	U
79-01-6	Trichloroethene	7.1	U
78-87-5	1,2-Dichloropropane	7.1	U
75-27-4	Bromodichloromethane	7.1	U
108-10-1	4-Methyl-2-Pentanone	35	U
108-88-3	Toluene	7.1	U

use original

11/17/09

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19RE

Sample wt/vol: 5.04 (g/mL) g Lab File ID: VI029391.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 30 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	7.1	U
10061-01-5	cis-1,3-Dichloropropene	7.1	U
79-00-5	1,1,2-Trichloroethane	7.1	U
591-78-6	2-Hexanone	35	U
124-48-1	Dibromochloromethane	7.1	U
106-93-4	1,2-Dibromoethane	7.1	U
127-18-4	Tetrachloroethene	7.1	U
108-90-7	Chlorobenzene	7.1	U
100-41-4	Ethyl Benzene	7.1	U
179601-23-1	m/p-Xylenes	14	U
95-47-6	o-Xylene	7.1	U
100-42-5	Styrene	7.1	U
75-25-2	Bromoform	7.1	U
98-82-8	Isopropylbenzene	7.1	U
79-34-5	1,1,2,2-Tetrachloroethane	7.1	U
541-73-1	1,3-Dichlorobenzene	7.1	U
106-46-7	1,4-Dichlorobenzene	7.1	U
95-50-1	1,2-Dichlorobenzene	7.1	U
96-12-8	1,2-Dibromo-3-Chloropropane	7.1	U
120-82-1	1,2,4-Trichlorobenzene	7.1	U

use original

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029392.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	6.3	U
74-87-3	Chloromethane	6.3	U
75-01-4	Vinyl Chloride	6.3	U
74-83-9	Bromomethane	6.3	U
75-00-3	Chloroethane	6.3	U
75-69-4	Trichlorofluoromethane	6.3	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.3	U
75-35-4	1,1-Dichloroethene	6.3	U
67-64-1	Acetone	32	U
75-15-0	Carbon Disulfide	6.3	U
1634-04-4	Methyl tert-butyl Ether	6.3	U
79-20-9	Methyl Acetate	6.3	U
75-09-2	Methylene Chloride	6.3	U
156-60-5	trans-1,2-Dichloroethene	6.3	U
75-34-3	1,1-Dichloroethane	6.3	U
110-82-7	Cyclohexane	6.3	U
78-93-3	2-Butanone	32	U
56-23-5	Carbon Tetrachloride	6.3	U
156-59-2	cis-1,2-Dichloroethene	6.3	U
67-66-3	Chloroform	6.3	U
71-55-6	1,1,1-Trichloroethane	6.3	U
108-87-2	Methylcyclohexane	6.3	U
71-43-2	Benzene	6.3	U
107-06-2	1,2-Dichloroethane	6.3	U
79-01-6	Trichloroethene	6.3	U
78-87-5	1,2-Dichloropropane	6.3	U
75-27-4	Bromodichloromethane	6.3	U
108-10-1	4-Methyl-2-Pentanone	32	U
108-88-3	Toluene	6.3	U

Use
reanalysis

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029392.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/17/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 17 Concentration Units: ug/Kg
(ug/L or ug/Kg)

*Use
Reanalysis?*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
007785-70-8	1R-.alpha.-Pinene	12.17	53	J
	unknown12.51	12.51	43	J
103-65-1	n-propylbenzene	12.73	12	J
108-67-8	1,3,5-Trimethylbenzene	12.88	20	J
000620-14-4	Benzene, 1-ethyl-3-methyl-	13.13	18	J
95-63-6	1,2,4-Trimethylbenzene	13.28	22	J
135-98-8	sec-Butylbenzene	13.4	7.5	J
99-87-6	p-Isopropyltoluene	13.51	86	J
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	13.87	36	J
104-51-8	n-Butylbenzene	13.94	6.9	J
	unknown14.06	14.06	16	J
	unknown14.40	14.4	15	J
000824-90-8	1-Phenyl-1-butene	14.48	21	J
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	14.78	28	J
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	15.31	40	J
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethy	15.6	15	J
91-20-3	Naphthalene	16.42	18	J

J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029412.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.3	U
74-87-3	Chloromethane	6.3	U
75-01-4	Vinyl Chloride	6.3	U
74-83-9	Bromomethane	6.3	U
75-00-3	Chloroethane	6.3	U
75-69-4	Trichlorofluoromethane	6.3	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.3	U
75-35-4	1,1-Dichloroethene	6.3	U
67-64-1	Acetone	24	U
75-15-0	Carbon Disulfide	3.1	U
1634-04-4	Methyl tert-butyl Ether	6.3	U
79-20-9	Methyl Acetate	6.3	U
75-09-2	Methylene Chloride	6.3	U
156-60-5	trans-1,2-Dichloroethene	6.3	U
75-34-3	1,1-Dichloroethane	6.3	U
110-82-7	Cyclohexane	6.3	U
78-93-3	2-Butanone	31	U
56-23-5	Carbon Tetrachloride	6.3	U
156-59-2	cis-1,2-Dichloroethene	6.3	U
67-66-3	Chloroform	6.3	U
71-55-6	1,1,1-Trichloroethane	6.3	U
108-87-2	Methylcyclohexane	4	U
71-43-2	Benzene	6.3	U
107-06-2	1,2-Dichloroethane	6.3	U
79-01-6	Trichloroethene	6.3	U
78-87-5	1,2-Dichloropropane	6.3	U
75-27-4	Bromodichloromethane	6.3	U
108-10-1	4-Methyl-2-Pentanone	31	U
108-88-3	Toluene	6.3	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029393.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	6		U
74-87-3	Chloromethane	6		U
75-01-4	Vinyl Chloride	6		U
74-83-9	Bromomethane	6		U
75-00-3	Chloroethane	6		U
75-69-4	Trichlorofluoromethane	6		U
76-13-1	1,1,2-Trichlorotrifluoroethane	6		U
75-35-4	1,1-Dichloroethene	6		U
67-64-1	Acetone	38		
75-15-0	Carbon Disulfide	6		U
1634-04-4	Methyl tert-butyl Ether	22		
79-20-9	Methyl Acetate	6		U
75-09-2	Methylene Chloride	6		U
156-60-5	trans-1,2-Dichloroethene	6		U
75-34-3	1,1-Dichloroethane	6		U
110-82-7	Cyclohexane	6		U
78-93-3	2-Butanone	30		U
56-23-5	Carbon Tetrachloride	6		U
156-59-2	cis-1,2-Dichloroethene	6		U
67-66-3	Chloroform	6		U
71-55-6	1,1,1-Trichloroethane	6		U
108-87-2	Methylcyclohexane	6		U
71-43-2	Benzene	6		U
107-06-2	1,2-Dichloroethane	6		U
79-01-6	Trichloroethene	6		U
78-87-5	1,2-Dichloropropane	6		U
75-27-4	Bromodichloromethane	6		U
108-10-1	4-Methyl-2-Pentanone	31		
108-88-3	Toluene	9.1		

use reanalysis

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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

21

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VI029393.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/17/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 17 Concentration Units: ug/Kg

(ug/L or ug/Kg)

use reanalysis

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	Tert butyl alcohol	6.1	83	J
001120-62-3	Cyclopentene, 3-methyl-	7.28	29	J
	unknown 11.99	11.99	30	J
000080-56-8	alpha-Pinene	12.17	170	J
000079-92-5	Camphene	12.52	59	J
103-65-1	n-propylbenzene	12.73	8.1	J
108-67-8	1,3,5-Trimethylbenzene	12.89	100	J
000498-15-7	Bicyclo[4.1.0]hept-3-ene, 3,7,7-tr	13.13	79	J
95-63-6	1,2,4-Trimethylbenzene	13.28	56	J
135-98-8	sec-Butylbenzene	13.4	9.0	J
99-87-6	p-Isopropyltoluene	13.5	220	J
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	13.86	40	J
000112-40-3	Dodecane	14.8	95	J
017301-23-4	Undecane, 2,6-dimethyl-	15	42	J
000824-90-8	1-Phenyl-1-butene	15.31	28	J
91-20-3	Naphthalene	16.42	31	J
000629-59-4	Tetradecane	17.29	29	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029413.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6	U	UJ
74-87-3	Chloromethane	6	U	
75-01-4	Vinyl Chloride	6	U	
74-83-9	Bromomethane	6	U	
75-00-3	Chloroethane	6	U	
75-69-4	Trichlorofluoromethane	6	U	
76-13-1	1,1,2-Trichlorotrifluoroethane	6	U	
75-35-4	1,1-Dichloroethene	6	U	
67-64-1	Acetone	24	J	J
75-15-0	Carbon Disulfide	20		J
1634-04-4	Methyl tert-butyl Ether	15		J
79-20-9	Methyl Acetate	6	U	UJ
75-09-2	Methylene Chloride	3.3	J	J
156-60-5	trans-1,2-Dichloroethene	6	U	UJ
75-34-3	1,1-Dichloroethane	6	U	UJ
110-82-7	Cyclohexane	2	J	J
78-93-3	2-Butanone	30	U	UJ
56-23-5	Carbon Tetrachloride	6	U	J
156-59-2	cis-1,2-Dichloroethene	1.7	J	J
67-66-3	Chloroform	6	U	UJ
71-55-6	1,1,1-Trichloroethane	6	U	UJ
108-87-2	Methylcyclohexane	4.8	J	J
71-43-2	Benzene	6	U	UJ
107-06-2	1,2-Dichloroethane	6	U	UJ
79-01-6	Trichloroethene	2.9	J	J
78-87-5	1,2-Dichloropropane	6	U	UJ
75-27-4	Bromodichloromethane	6	U	UJ
108-10-1	4-Methyl-2-Pentanone	20	J	J
108-88-3	Toluene	9.1		J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029413.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6	U	J J J J J J J J J J
10061-01-5	cis-1,3-Dichloropropene	6	U	
79-00-5	1,1,2-Trichloroethane	6	U	
591-78-6	2-Hexanone	30	U	
124-48-1	Dibromochloromethane	6	U	
106-93-4	1,2-Dibromoethane	6	U	
127-18-4	Tetrachloroethene	30	U	
108-90-7	Chlorobenzene	6	U	
100-41-4	Ethyl Benzene	110		
179601-23-1	m/p-Xylenes	59		
95-47-6	o-Xylene	100		J J J J J J J J J J
100-42-5	Styrene	4.5	J	
75-25-2	Bromoform	6	U	
98-82-8	Isopropylbenzene	19		
79-34-5	1,1,2,2-Tetrachloroethane	6	U	
541-73-1	1,3-Dichlorobenzene	39		
106-46-7	1,4-Dichlorobenzene	11		
95-50-1	1,2-Dichlorobenzene	6	U	
96-12-8	1,2-Dibromo-3-Chloropropane	6	U	
120-82-1	1,2,4-Trichlorobenzene	100		

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029394.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 20 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
591-78-6	2-Hexanone	31	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
127-18-4	Tetrachloroethene	7.2	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethyl Benzene	38	U
179601-23-1	m/p-Xylenes	62	U
95-47-6	o-Xylene	31	U
100-42-5	Styrene	6.2	U
75-25-2	Bromoform	6.2	U
98-82-8	Isopropylbenzene	15	U
79-34-5	1,1,1,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	6.2	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U

Use reanalysis

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SOIL VOLATILE ANALYSIS TENTATIVELY IDENTIFIED COMPOUNDS

22

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029394.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 20 Date Analyzed: 11/17/09

GC Column: RTX-VM ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 17 Concentration Units: ug/Kg

(ug/L or ug/Kg)

use reanalysis

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000581-40-8	Naphthalene, 2,3-dimethyl-	11.43	24	J
	unknown12.00	12	61	J
007785-70-8	1R-.alpha.-Pinene	12.18	120	J
103-65-1	n-propylbenzene	12.73	18	J
108-67-8	1,3,5-Trimethylbenzene	12.89	58	J
000620-14-4	Benzene, 1-ethyl-3-methyl-	13.13	53	J
95-63-6	1,2,4-Trimethylbenzene	13.28	130	J
135-98-8	sec-Butylbenzene	13.4	11	J
99-87-6	p-Isopropyltoluene	13.51	52	J
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl	13.86	48	J
104-51-8	n-Butylbenzene	13.94	16	J
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	14.21	29	J
	unknown14.40	14.4	35	J
000767-58-8	Indan, 1-methyl-	14.47	41	J
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	14.78	53	J
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	15.3	53	J
91-20-3	Naphthalene	16.42	82	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

22RE

EPA SAMPLE NO.

SB-22(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029414.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 20 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.2	U	U J
74-87-3	Chloromethane	6.2	U	
75-01-4	Vinyl Chloride	6.2	U	
74-83-9	Bromomethane	6.2	U	
75-00-3	Chloroethane	6.2	U	
75-69-4	Trichlorofluoromethane	6.2	U	
76-13-1	1,1,2-Trichlorotrifluoroethane	6.2	U	
75-35-4	1,1-Dichloroethene	6.2	U	
67-64-1	Acetone	28		J
75-15-0	Carbon Disulfide	13		J
1634-04-4	Methyl tert-butyl Ether	3.8		J
79-20-9	Methyl Acetate	6.2	U	U J
75-09-2	Methylene Chloride	4.6		J
156-60-5	trans-1,2-Dichloroethene	6.2	U	U J
75-34-3	1,1-Dichloroethane	6.2	U	J
110-82-7	Cyclohexane	4.9		J
78-93-3	2-Butanone	31	U	U J
56-23-5	Carbon Tetrachloride	6.2	U	
156-59-2	cis-1,2-Dichloroethene	6.2	U	
67-66-3	Chloroform	6.2	U	
71-55-6	1,1,1-Trichloroethane	6.2	U	
108-87-2	Methylcyclohexane	9.5		J
71-43-2	Benzene	3		J
107-06-2	1,2-Dichloroethane	6.2	U	U J
79-01-6	Trichloroethene	6.2	U	
78-87-5	1,2-Dichloropropane	6.2	U	
75-27-4	Bromodichloromethane	6.2	U	
108-10-1	4-Methyl-2-Pentanone	31	U	
108-88-3	Toluene	21		J

118/110

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(0-4)RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22RE

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VI029414.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 20 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.2	U
10061-01-5	cis-1,3-Dichloropropene	6.2	U
79-00-5	1,1,2-Trichloroethane	6.2	U
591-78-6	2-Hexanone	31	U
124-48-1	Dibromochloromethane	6.2	U
106-93-4	1,2-Dibromoethane	6.2	U
127-18-4	Tetrachloroethene	16	U
108-90-7	Chlorobenzene	6.2	U
100-41-4	Ethyl Benzene	77	U
179601-23-1	m/p-Xylenes	150	U
95-47-6	o-Xylene	68	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	6.2	P
98-82-8	Isopropylbenzene	41	U
79-34-5	1,1,2,2-Tetrachloroethane	6.2	U
541-73-1	1,3-Dichlorobenzene	6.2	U
106-46-7	1,4-Dichlorobenzene	7.6	U
95-50-1	1,2-Dichlorobenzene	6.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U
120-82-1	1,2,4-Trichlorobenzene	6.2	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-01Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032428.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 10GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	40000	U
108-95-2	Phenol	40000	U
111-44-4	bis(2-Chloroethyl)ether	40000	U
95-57-8	2-Chlorophenol	40000	U
95-48-7	2-Methylphenol	40000	U
108-60-1	2,2-oxybis(1-Chloropropane)	40000	U
98-86-2	Acetophenone	40000	U
65794-96-9	3+4-Methylphenols	40000	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
67-72-1	Hexachloroethane	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
111-91-1	bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
87-68-3	Hexachlorobutadiene	40000	U
105-60-2	Caprolactam	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U
91-57-6	2-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	40000	~~U~~
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
92-52-4	1,1-Biphenyl	40000	U
91-58-7	2-Chloronaphthalene	40000	U

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Comments:

FORM I SV-1

11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032428.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

88-74-4	2-Nitroaniline	40000	U
131-11-3	Dimethylphthalate	40000	U
208-96-8	Acenaphthylene	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
99-09-2	3-Nitroaniline	40000	U
83-32-9	Acenaphthene	40000	U
51-28-5	2,4-Dinitrophenol	40000	U
100-02-7	4-Nitrophenol	40000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
84-66-2	Diethylphthalate	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
86-73-7	Fluorene	5300	J
100-01-6	4-Nitroaniline	40000	U
534-52-1	4,6-Dinitro-2-methylphenol	40000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
1912-24-9	Atrazine	40000	U
87-86-5	Pentachlorophenol	40000	U
85-01-8	Phenanthrene	38000	J
120-12-7	Anthracene	11000	J
86-74-8	Carbazole	40000	U
84-74-2	Di-n-butylphthalate	40000	U
206-44-0	Fluoranthene	46000	J
129-00-0	Pyrene	47000	J
85-68-7	Butylbenzylphthalate	5800	J
91-94-1	3,3-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	20000	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032428.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

218-01-9	Chrysene	21000	J
117-81-7	bis(2-Ethylhexyl)phthalate	36000	J
117-84-0	Di-n-octyl phthalate	40000	U
205-99-2	Benzo(b)fluoranthene	22000	J
207-08-9	Benzo(k)fluoranthene	7700	J
50-32-8	Benzo(a)pyrene	17000	J
193-39-5	Indeno(1,2,3-cd)pyrene	9700	J
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	10000	J

J

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032428.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 13

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.48	9500	AB
3386-33-2	Octadecane, 1-chloro-	7.3	11000	
569-41-5	Naphthalene, 1,8-dimethyl-	7.57	10000	
17301-30-3	Undecane, 3,8-dimethyl-	7.63	19000	
6418-41-3	Tridecane, 3-methyl-	8.66	14000	
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.97	39000	
629-50-5	Tridecane	9.49	12000	
630-02-4	Octacosane	9.52	23000	
203-64-5	4H-Cyclopenta[def]phenanthrene	10.35	16000	
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	11.15	11000	J
13287-24-6	Nonadecane, 9-methyl-	11.43	9300	J
14739-72-1	Heneicosane, 11-pentyl-	12.29	10000	J
630-04-6	Hentriacontane	12.7	15000	

FORM I SV-TIC

11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032431.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	19000	U
108-95-2	Phenol	19000	U
111-44-4	bis(2-Chloroethyl)ether	19000	U
95-57-8	2-Chlorophenol	19000	U
95-48-7	2-Methylphenol	19000	U
108-60-1	2,2-oxybis(1-Chloropropane)	19000	U
98-86-2	Acetophenone	19000	U
65794-96-9	3+4-Methylphenols	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy)methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
91-20-3	Naphthalene	19000	U
106-47-8	4-Chloroaniline	19000	U
87-68-3	Hexachlorobutadiene	19000	U
105-60-2	Caprolactam	19000	U
59-50-7	4-Chloro-3-methylphenol	19000	U
91-57-6	2-Methylnaphthalene	19000	U
77-47-4	Hexachlorocyclopentadiene	19000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1-Biphenyl	19000	U
91-58-7	2-Chloronaphthalene	19000	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	19000	U

Comments:

11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032431.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	19000	U
606-20-2	2,6-Dinitrotoluene	19000	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	19000	U
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	19000	U
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
7005-72-3	4-Chlorophenyl-phenylether	19000	U
86-73-7	Fluorene	2000	J
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
118-74-1	Hexachlorobenzene	19000	U
1912-24-9	Atrazine	19000	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	11000	J
120-12-7	Anthracene	3700	J
86-74-8	Carbazole	19000	U
84-74-2	Di-n-butylphthalate	19000	U
206-44-0	Fluoranthene	19000	J
129-00-0	Pyrene	19000	
85-68-7	Butylbenzylphthalate	8700	J
91-94-1	3,3-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	9600	J
218-01-9	Chrysene	10000	J
117-81-7	bis(2-Ethylhexyl)phthalate	15000	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

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EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032431.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	19000	U
205-99-2	Benzo(b)fluoranthene	12000	J
207-08-9	Benzo(k)fluoranthene	3300	J
50-32-8	Benzo(a)pyrene	8800	J
193-39-5	Indeno(1,2,3-cd)pyrene	5400	J
53-70-3	Dibenz(a,h)anthracene	19000	U
191-24-2	Benzo(g,h,i)perylene	5900	J

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032431.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 17

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.48	9500	~~AB~~
13029-08-8	1,1-Biphenyl, 2,2-dichloro-	8.66	24000	
33284-50-3	1,1-Biphenyl, 2,4-dichloro-	9.04	7800	
16605-91-7	1,1-Biphenyl, 2,3-dichloro-	9.12	35000	
37680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	9.55	40000	
38444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	9.57	14000	
38444-81-4	1,1-Biphenyl, 2,3,5-trichloro-	9.94	7800	
16606-02-3	1,1-Biphenyl, 2,4,5-trichloro-	10.04	66000	
	unknown10.13	10.13	29000	
32598-11-1	1,1-Biphenyl, 2,3,4,5-tetrachlo	10.37	21000	
2437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	10.41	9900	
	unknown10.44	10.44	8000	
52663-58-8	1,1-Biphenyl, 2,3,4,6-tetrachlor	10.57	18000	
33284-52-5	1,1-Biphenyl, 3,3,5,5-tetrachlo	10.7	10000	
32598-12-2	1,1-Biphenyl, 2,4,4,6-tetrachlor	10.93	9600	
41464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachlo	10.97	18000	
15968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	11	16000	



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032432.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
100-52-7	Benzaldehyde	40000	U
108-95-2	Phenol	40000	U
111-44-4	bis(2-Chloroethyl)ether	40000	U
95-57-8	2-Chlorophenol	40000	U
95-48-7	2-Methylphenol	40000	U
108-60-1	2,2-oxybis(1-Chloropropane)	40000	U
98-86-2	Acetophenone	40000	U
65794-96-9	3+4-Methylphenols	40000	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
67-72-1	Hexachloroethane	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
111-91-1	bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
87-68-3	Hexachlorobutadiene	40000	U
105-60-2	Caprolactam	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U
91-57-6	2-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	40000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
92-52-4	1,1-Biphenyl	40000	U
91-58-7	2-Chloronaphthalene	40000	U
88-74-4	2-Nitroaniline	40000	U
131-11-3	Dimethylphthalate	40000	U

Comments: _____

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11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032432.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
99-09-2	3-Nitroaniline	40000	U
83-32-9	Acenaphthene	40000	U
51-28-5	2,4-Dinitrophenol	40000	U
100-02-7	4-Nitrophenol	40000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
84-66-2	Diethylphthalate	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
86-73-7	Fluorene	40000	U
100-01-6	4-Nitroaniline	40000	U
534-52-1	4,6-Dinitro-2-methylphenol	40000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
1912-24-9	Atrazine	40000	U
87-86-5	Pentachlorophenol	40000	U
85-01-8	Phenanthrene	23000	J
120-12-7	Anthracene	6900	J
86-74-8	Carbazole	40000	U
84-74-2	Di-n-butylphthalate	40000	U
206-44-0	Fluoranthene	39000	J
129-00-0	Pyrene	36000	J
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	19000	J
218-01-9	Chrysene	20000	J
117-81-7	bis(2-Ethylhexyl)phthalate	9100	J

Comments:

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CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-05Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032432.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 10GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	40000	U
205-99-2	Benzo(b)fluoranthene	20000	J
207-08-9	Benzo(k)fluoranthene	6700	J
50-32-8	Benzo(a)pyrene	14000	J
193-39-5	Indeno(1,2,3-cd)pyrene	8400	J
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	7800	J

Comments: _____


 11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032432.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 13

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
100-42-5	Styrene	4	10000	J
13029-08-8	1,1-Biphenyl, 2,2-dichloro-	8.66	16000	J
2050-67-1	1,1-Biphenyl, 3,3-dichloro-	9.12	30000	J
37680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	9.55	34000	J
16606-02-3	1,1-Biphenyl, 2,4,5-trichloro-	9.57	12000	J
55702-46-0	1,1-Biphenyl, 2,3,4-trichloro-	10.03	57000	J
	unknown10.13	10.13	25000	J
2437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	10.37	24000	J
41464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	10.41	9300	J
41464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachlo	10.44	8300	J
32598-11-1	1,1-Biphenyl, 2,3,4,5-tetrachlo	10.57	16000	J
	unknown10.7	10.7	8700	J
35693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	11	14000	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032433.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	18000	U
108-95-2	Phenol	18000	U
111-44-4	bis(2-Chloroethyl)ether	18000	U
95-57-8	2-Chlorophenol	18000	U
95-48-7	2-Methylphenol	18000	U
108-60-1	2,2-oxybis(1-Chloropropane)	18000	U
98-86-2	Acetophenone	18000	U
65794-96-9	3+4-Methylphenols	18000	U
621-64-7	N-Nitroso-di-n-propylamine	18000	U
67-72-1	Hexachloroethane	18000	U
98-95-3	Nitrobenzene	18000	U
78-59-1	Isophorone	18000	U
88-75-5	2-Nitrophenol	18000	U
105-67-9	2,4-Dimethylphenol	18000	U
111-91-1	bis(2-Chloroethoxy)methane	18000	U
120-83-2	2,4-Dichlorophenol	18000	U
91-20-3	Naphthalene	18000	U
106-47-8	4-Chloroaniline	18000	U
87-68-3	Hexachlorobutadiene	18000	U
105-60-2	Caprolactam	18000	U
59-50-7	4-Chloro-3-methylphenol	18000	U
91-57-6	2-Methylnaphthalene	18000	U
77-47-4	Hexachlorocyclopentadiene	18000	U
88-06-2	2,4,6-Trichlorophenol	18000	U
95-95-4	2,4,5-Trichlorophenol	18000	U
92-52-4	1,1-Biphenyl	18000	U
91-58-7	2-Chloronaphthalene	18000	U
88-74-4	2-Nitroaniline	18000	U
131-11-3	Dimethylphthalate	18000	U

Comments:

11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032433.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	18000	U
606-20-2	2,6-Dinitrotoluene	18000	U
99-09-2	3-Nitroaniline	18000	U
83-32-9	Acenaphthene	18000	U
51-28-5	2,4-Dinitrophenol	18000	U
100-02-7	4-Nitrophenol	18000	U
132-64-9	Dibenzofuran	18000	U
121-14-2	2,4-Dinitrotoluene	18000	U
84-66-2	Diethylphthalate	18000	U
7005-72-3	4-Chlorophenyl-phenylether	18000	U
86-73-7	Fluorene	18000	U
100-01-6	4-Nitroaniline	18000	U
534-52-1	4,6-Dinitro-2-methylphenol	18000	U
86-30-6	N-Nitrosodiphenylamine	18000	U
101-55-3	4-Bromophenyl-phenylether	18000	U
118-74-1	Hexachlorobenzene	18000	U
1912-24-9	Atrazine	18000	U
87-86-5	Pentachlorophenol	18000	U
85-01-8	Phenanthrene	5700	J
120-12-7	Anthracene	18000	U
86-74-8	Carbazole	18000	U
84-74-2	Di-n-butylphthalate	18000	U
206-44-0	Fluoranthene	7400	J
129-00-0	Pyrene	7100	J
85-68-7	Butylbenzylphthalate	18000	U
91-94-1	3,3-Dichlorobenzidine	18000	U
56-55-3	Benzo(a)anthracene	3700	J
218-01-9	Chrysene	3800	J
117-81-7	bis(2-Ethylhexyl)phthalate	18000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032433.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	18000	U
205-99-2	Benzo(b)fluoranthene	4600	J
207-08-9	Benzo(k)fluoranthene	18000	U
50-32-8	Benzo(a)pyrene	3300	J
193-39-5	Indeno(1,2,3-cd)pyrene	2200	J
53-70-3	Dibenz(a,h)anthracene	18000	U
191-24-2	Benzo(g,h,i)perylene	2200	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032433.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 16

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.47	7000	~~AB~~
1000131-31-2	3,7-Dimethyl-2,6-nonadien-1-ol	6.46	7200	J
17301-28-9	Undecane, 3,6-dimethyl-	6.57	12000	J
17301-31-4	Undecane, 3,9-dimethyl-	6.83	4500	J
5617-41-4	Heptylcyclohexane	7.05	4500	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.16	14000	J
4536-30-5	Ethanol, 2-(dodecyloxy)-	7.3	8900	J
55000-52-7	Hexadecane, 2,6,10-trimethyl-	7.63	24000	J
	unknown7.79	7.79	4200	J
	unknown7.83	7.83	5000	J
54833-23-7	Eicosane, 10-methyl-	8.15	5100	J
	unknown8.22	8.22	6200	J
941-81-1	Azulene, 4,6,8-trimethyl-	8.28	3700	J
17301-22-3	Undecane, 2,5-dimethyl-	8.66	15000	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.97	33000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.52	17000	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032434.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	37000	U
108-95-2	Phenol	37000	U
111-44-4	bis(2-Chloroethyl)ether	37000	U
95-57-8	2-Chlorophenol	37000	U
95-48-7	2-Methylphenol	37000	U
108-60-1	2,2-oxybis(1-Chloropropane)	37000	U
98-86-2	Acetophenone	37000	U
65794-96-9	3+4-Methylphenols	37000	U
621-64-7	N-Nitroso-di-n-propylamine	37000	U
67-72-1	Hexachloroethane	37000	U
98-95-3	Nitrobenzene	37000	U
78-59-1	Isophorone	37000	U
88-75-5	2-Nitrophenol	37000	U
105-67-9	2,4-Dimethylphenol	37000	U
111-91-1	bis(2-Chloroethoxy)methane	37000	U
120-83-2	2,4-Dichlorophenol	37000	U
91-20-3	Naphthalene	4100	J
106-47-8	4-Chloroaniline	37000	U
87-68-3	Hexachlorobutadiene	37000	U
105-60-2	Caprolactam	37000	U
59-50-7	4-Chloro-3-methylphenol	37000	U
91-57-6	2-Methylnaphthalene	37000	U
77-47-4	Hexachlorocyclopentadiene	37000	U
88-06-2	2,4,6-Trichlorophenol	37000	U
95-95-4	2,4,5-Trichlorophenol	37000	U
92-52-4	1,1-Biphenyl	37000	U
91-58-7	2-Chloronaphthalene	37000	U
88-74-4	2-Nitroaniline	37000	U
131-11-3	Dimethylphthalate	37000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032434.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	37000	U
606-20-2	2,6-Dinitrotoluene	37000	U
99-09-2	3-Nitroaniline	37000	U
83-32-9	Acenaphthene	37000	U
51-28-5	2,4-Dinitrophenol	37000	U
100-02-7	4-Nitrophenol	37000	U
132-64-9	Dibenzofuran	37000	U
121-14-2	2,4-Dinitrotoluene	37000	U
84-66-2	Diethylphthalate	37000	U
7005-72-3	4-Chlorophenyl-phenylether	37000	U
86-73-7	Fluorene	37000	U
100-01-6	4-Nitroaniline	37000	U
534-52-1	4,6-Dinitro-2-methylphenol	37000	U
86-30-6	N-Nitrosodiphenylamine	37000	U
101-55-3	4-Bromophenyl-phenylether	37000	U
118-74-1	Hexachlorobenzene	37000	U
1912-24-9	Atrazine	37000	U
87-86-5	Pentachlorophenol	37000	U
85-01-8	Phenanthrene	49000	
120-12-7	Anthracene	4900	J
86-74-8	Carbazole	4500	J
84-74-2	Di-n-butylphthalate	37000	U
206-44-0	Fluoranthene	47000	
129-00-0	Pyrene	39000	
85-68-7	Butylbenzylphthalate	37000	U
91-94-1	3,3-Dichlorobenzidine	37000	U
56-55-3	Benzo(a)anthracene	18000	J
218-01-9	Chrysene	21000	J
117-81-7	bis(2-Ethylhexyl)phthalate	37000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032434.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	37000	U
205-99-2	Benzo(b)fluoranthene	23000	J
207-08-9	Benzo(k)fluoranthene	7400	J
50-32-8	Benzo(a)pyrene	14000	J
193-39-5	Indeno(1,2,3-cd)pyrene	9500	J
53-70-3	Dibenz(a,h)anthracene	37000	U
191-24-2	Benzo(g,h,i)perylene	9900	J

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032434.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 12

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.48	9000	~~AB~~
15869-94-0	Octane, 3,6-dimethyl-	6.57	8500	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.16	11000	J
	unknown 7.30	7.3	8100	J
7098-22-8	Tetratetracontane	7.63	20000	J
1000130-75-8	Z-2-Tridecen-1-ol	8.66	12000	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl	8.97	25000	J
1560-88-9	Octadecane, 2-methyl-	9.52	11000	J
4505-48-0	1H-Indene, 2-phenyl-	10.25	10000	J
4701-17-1	5-Bromo-2-thiophenecarboxaldehyde	10.35	9400	J
84-65-1	9,10-Anthracenedione	10.6	8100	J
198-55-0	Perylene	14.73	14000	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032435.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	44000	U
108-95-2	Phenol	44000	U
111-44-4	bis(2-Chloroethyl)ether	44000	U
95-57-8	2-Chlorophenol	44000	U
95-48-7	2-Methylphenol	44000	U
108-60-1	2,2-oxybis(1-Chloropropane)	44000	U
98-86-2	Acetophenone	44000	U
65794-96-9	3+4-Methylphenols	44000	U
621-64-7	N-Nitroso-di-n-propylamine	44000	U
67-72-1	Hexachloroethane	44000	U
98-95-3	Nitrobenzene	44000	U
78-59-1	Isophorone	44000	U
88-75-5	2-Nitrophenol	44000	U
105-67-9	2,4-Dimethylphenol	44000	U
111-91-1	bis(2-Chloroethoxy)methane	44000	U
120-83-2	2,4-Dichlorophenol	44000	U
91-20-3	Naphthalene	44000	U
106-47-8	4-Chloroaniline	44000	U
87-68-3	Hexachlorobutadiene	44000	U
105-60-2	Caprolactam	44000	U
59-50-7	4-Chloro-3-methylphenol	44000	U
91-57-6	2-Methylnaphthalene	44000	U
77-47-4	Hexachlorocyclopentadiene	44000	U
88-06-2	2,4,6-Trichlorophenol	44000	U
95-95-4	2,4,5-Trichlorophenol	44000	U
92-52-4	1,1-Biphenyl	44000	U
91-58-7	2-Chloronaphthalene	44000	U
88-74-4	2-Nitroaniline	44000	U
131-11-3	Dimethylphthalate	44000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032435.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	44000	U
606-20-2	2,6-Dinitrotoluene	44000	U
99-09-2	3-Nitroaniline	44000	U
83-32-9	Acenaphthene	14000	J
51-28-5	2,4-Dinitrophenol	44000	U
100-02-7	4-Nitrophenol	44000	U
132-64-9	Dibenzofuran	11000	J
121-14-2	2,4-Dinitrotoluene	44000	U
84-66-2	Diethylphthalate	44000	U
7005-72-3	4-Chlorophenyl-phenylether	44000	U
86-73-7	Fluorene	18000	J
100-01-6	4-Nitroaniline	44000	U
534-52-1	4,6-Dinitro-2-methylphenol	44000	U
86-30-6	N-Nitrosodiphenylamine	44000	U
101-55-3	4-Bromophenyl-phenylether	44000	U
118-74-1	Hexachlorobenzene	44000	U
1912-24-9	Atrazine	44000	U
87-86-5	Pentachlorophenol	44000	U
85-01-8	Phenanthrene	83000	
120-12-7	Anthracene	25000	J
86-74-8	Carbazole	17000	J
84-74-2	Di-n-butylphthalate	44000	U
206-44-0	Fluoranthene	96000	
129-00-0	Pyrene	78000	
85-68-7	Butylbenzylphthalate	13000	J
91-94-1	3,3-Dichlorobenzidine	44000	U
56-55-3	Benzo(a)anthracene	38000	J
218-01-9	Chrysene	38000	J
117-81-7	bis(2-Ethylhexyl)phthalate	14000	J

Comments:

New
11/1/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032435.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	44000	U
205-99-2	Benzo(b)fluoranthene	41000	J
207-08-9	Benzo(k)fluoranthene	14000	J
50-32-8	Benzo(a)pyrene	30000	J
193-39-5	Indeno(1,2,3-cd)pyrene	17000	J
53-70-3	Dibenz(a,h)anthracene	4900	J
191-24-2	Benzo(g,h,i)perylene	17000	J

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032435.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
13049-35-9	1,1-Biphenyl, 2,2-diethyl-	9.13	13000	J
	unknown9.36	9.36	9900	J
832-71-3	Phenanthrene, 3-methyl-	10.25	10000	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.35	17000	J
238-84-6	11H-Benzo[a]fluorene	11.76	9400	J
243-17-4	11H-Benzo[b]fluorene	11.85	9200	J
198-55-0	Perylene	14.73	26000	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032436.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	21000	U
108-95-2	Phenol	21000	U
111-44-4	bis(2-Chloroethyl)ether	21000	U
95-57-8	2-Chlorophenol	21000	U
95-48-7	2-Methylphenol	21000	U
108-60-1	2,2-oxybis(1-Chloropropane)	21000	U
98-86-2	Acetophenone	21000	U
65794-96-9	3+4-Methylphenols	21000	U
621-64-7	N-Nitroso-di-n-propylamine	21000	U
67-72-1	Hexachloroethane	21000	U
98-95-3	Nitrobenzene	21000	U
78-59-1	Isophorone	21000	U
88-75-5	2-Nitrophenol	21000	U
105-67-9	2,4-Dimethylphenol	21000	U
111-91-1	bis(2-Chloroethoxy)methane	21000	U
120-83-2	2,4-Dichlorophenol	21000	U
91-20-3	Naphthalene	21000	U
106-47-8	4-Chloroaniline	21000	U
87-68-3	Hexachlorobutadiene	21000	U
105-60-2	Caprolactam	21000	U
59-50-7	4-Chloro-3-methylphenol	21000	U
91-57-6	2-Methylnaphthalene	21000	U
77-47-4	Hexachlorocyclopentadiene	21000	U
88-06-2	2,4,6-Trichlorophenol	21000	U
95-95-4	2,4,5-Trichlorophenol	21000	U
92-52-4	1,1-Biphenyl	21000	U
91-58-7	2-Chloronaphthalene	21000	U
88-74-4	2-Nitroaniline	21000	U
131-11-3	Dimethylphthalate	2700 21000	U

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032436.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
208-96-8	Acenaphthylene	21000	U
606-20-2	2,6-Dinitrotoluene	21000	U
99-09-2	3-Nitroaniline	21000	U
83-32-9	Acenaphthene	3900	J
51-28-5	2,4-Dinitrophenol	21000	U
100-02-7	4-Nitrophenol	21000	U
132-64-9	Dibenzofuran	2700	J
121-14-2	2,4-Dinitrotoluene	21000	U
84-66-2	Diethylphthalate	21000	U
7005-72-3	4-Chlorophenyl-phenylether	21000	U
86-73-7	Fluorene	5300	J
100-01-6	4-Nitroaniline	21000	U
534-52-1	4,6-Dinitro-2-methylphenol	21000	U
86-30-6	N-Nitrosodiphenylamine	21000	U
101-55-3	4-Bromophenyl-phenylether	21000	U
118-74-1	Hexachlorobenzene	21000	U
1912-24-9	Atrazine	21000	U
87-86-5	Pentachlorophenol	21000	U
85-01-8	Phenanthrene	29000	
120-12-7	Anthracene	8900	J
86-74-8	Carbazole	4100	J
84-74-2	Di-n-butylphthalate	21000	U
206-44-0	Fluoranthene	47000	
129-00-0	Pyrene	40000	
85-68-7	Butylbenzylphthalate	3100	J
91-94-1	3,3-Dichlorobenzidine	21000	U
56-55-3	Benzo(a)anthracene	23000	
218-01-9	Chrysene	23000	
117-81-7	bis(2-Ethylhexyl)phthalate	11000	J

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032436.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	21000	U
205-99-2	Benzo(b)fluoranthene	25000	
207-08-9	Benzo(k)fluoranthene	9100	J
50-32-8	Benzo(a)pyrene	18000	J
193-39-5	Indeno(1,2,3-cd)pyrene	9300	J
53-70-3	Dibenz(a,h)anthracene	2700	J
191-24-2	Benzo(g,h,i)perylene	11000	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032436.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.47	5900	~~AB~~
13798-23-7	Sulfur	8.25	5800	~~J~~
203-64-5	4H-Cyclopenta[def]phenanthrene	10.35	9000	~~J~~
238-84-6	11H-Benzo[a]fluorene	11.76	5400	~~J~~
243-17-4	11H-Benzo[b]fluorene	11.85	5200	~~J~~
192-97-2	Benzo[e]pyrene	14.73	17000	~~J~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-10Sample wt/vol: 3.1 (g/mL) g Lab File ID: BF032437.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	21000	U
108-95-2	Phenol	21000	U
111-44-4	bis(2-Chloroethyl)ether	21000	U
95-57-8	2-Chlorophenol	21000	U
95-48-7	2-Methylphenol	21000	U
108-60-1	2,2-oxybis(1-Chloropropane)	21000	U
98-86-2	Acetophenone	21000	U
65794-96-9	3+4-Methylphenols	21000	U
621-64-7	N-Nitroso-di-n-propylamine	21000	U
67-72-1	Hexachloroethane	21000	U
98-95-3	Nitrobenzene	21000	U
78-59-1	Isophorone	21000	U
88-75-5	2-Nitrophenol	21000	U
105-67-9	2,4-Dimethylphenol	21000	U
111-91-1	bis(2-Chloroethoxy)methane	21000	U
120-83-2	2,4-Dichlorophenol	21000	U
91-20-3	Naphthalene	21000	U
106-47-8	4-Chloroaniline	21000	U
87-68-3	Hexachlorobutadiene	21000	U
105-60-2	Caprolactam	21000	U
59-50-7	4-Chloro-3-methylphenol	21000	U
91-57-6	2-Methylnaphthalene	21000	U
77-47-4	Hexachlorocyclopentadiene	21000	U
88-06-2	2,4,6-Trichlorophenol	21000	U
95-95-4	2,4,5-Trichlorophenol	21000	U
92-52-4	1,1-Biphenyl	21000	U
91-58-7	2-Chloronaphthalene	21000	U
88-74-4	2-Nitroaniline	21000	U
131-11-3	Dimethylphthalate	21000	U

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-10Sample wt/vol: 3.1 (g/mL) g Lab File ID: BF032437.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
208-96-8	Acenaphthylene	21000	U
606-20-2	2,6-Dinitrotoluene	21000	U
99-09-2	3-Nitroaniline	21000	U
83-32-9	Acenaphthene	21000	U
51-28-5	2,4-Dinitrophenol	21000	U
100-02-7	4-Nitrophenol	21000	U
132-64-9	Dibenzofuran	21000	U
121-14-2	2,4-Dinitrotoluene	21000	U
84-66-2	Diethylphthalate	21000	U
7005-72-3	4-Chlorophenyl-phenylether	21000	U
86-73-7	Fluorene	21000	U
100-01-6	4-Nitroaniline	21000	U
534-52-1	4,6-Dinitro-2-methylphenol	21000	U
86-30-6	N-Nitrosodiphenylamine	21000	U
101-55-3	4-Bromophenyl-phenylether	21000	U
118-74-1	Hexachlorobenzene	21000	U
1912-24-9	Atrazine	21000	U
87-86-5	Pentachlorophenol	21000	U
85-01-8	Phenanthrene	14000	J
120-12-7	Anthracene	5300	J
86-74-8	Carbazole	21000	U
84-74-2	Di-n-butylphthalate	21000	U
206-44-0	Fluoranthene	25000	
129-00-0	Pyrene	20000	J
85-68-7	Butylbenzylphthalate	4600	J
91-94-1	3,3-Dichlorobenzidine	21000	U
56-55-3	Benzo(a)anthracene	12000	J
218-01-9	Chrysene	12000	J
117-81-7	bis(2-Ethylhexyl)phthalate	18000	J

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10

Sample wt/vol: 3.1 (g/mL) g Lab File ID: BF032437.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	21000	U
205-99-2	Benzo(b)fluoranthene	13000	J
207-08-9	Benzo(k)fluoranthene	4700	J
50-32-8	Benzo(a)pyrene	9900	J
193-39-5	Indeno(1,2,3-cd)pyrene	5400	J
53-70-3	Dibenz(a,h)anthracene	21000	U
191-24-2	Benzo(g,h,i)perylene	6500	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10

Sample wt/vol: 3.1 (g/mL) g Lab File ID: BF032437.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.47	9000	~~AB~~
13798-23-7	Sulfur	8.25	5900	~~Y~~
203-64-5	4H-Cyclopenta[def]phenanthrene	10.35	4600	~~Y~~
	unknown10.93	10.93	5300	~~Y~~
57-87-4	Ergosterol	12.69	4400	~~Y~~
192-97-2	Benzo[e]pyrene	14.73	6100	~~Y~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032438.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	4000	U
108-95-2	Phenol	4000	U
111-44-4	bis(2-Chloroethyl)ether	4000	U
95-57-8	2-Chlorophenol	4000	U
95-48-7	2-Methylphenol	4000	U
108-60-1	2,2-oxybis(1-Chloropropane)	4000	U
98-86-2	Acetophenone	4000	U
65794-96-9	3+4-Methylphenols	4000	U
621-64-7	N-Nitroso-di-n-propylamine	4000	U
67-72-1	Hexachloroethane	4000	U
98-95-3	Nitrobenzene	4000	U
78-59-1	Isophorone	4000	U
88-75-5	2-Nitrophenol	4000	U
105-67-9	2,4-Dimethylphenol	4000	U
111-91-1	bis(2-Chloroethoxy)methane	4000	U
120-83-2	2,4-Dichlorophenol	4000	U
91-20-3	Naphthalene	4000	U
106-47-8	4-Chloroaniline	4000	U
87-68-3	Hexachlorobutadiene	4000	U
105-60-2	Caprolactam	4000	U
59-50-7	4-Chloro-3-methylphenol	4000	U
91-57-6	2-Methylnaphthalene	4000	U
77-47-4	Hexachlorocyclopentadiene	4000	U
88-06-2	2,4,6-Trichlorophenol	4000	U
95-95-4	2,4,5-Trichlorophenol	4000	U
92-52-4	1,1-Biphenyl	4000	U
91-58-7	2-Chloronaphthalene	4000	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethylphthalate	~~1500~~ 4000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032438.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	4000	U
606-20-2	2,6-Dinitrotoluene	4000	U
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	4000	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	4000	U
121-14-2	2,4-Dinitrotoluene	4000	U
84-66-2	Diethylphthalate	4000	U
7005-72-3	4-Chlorophenyl-phenylether	4000	U
86-73-7	Fluorene	4000	U
100-01-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine	4000	U
101-55-3	4-Bromophenyl-phenylether	4000	U
118-74-1	Hexachlorobenzene	4000	U
1912-24-9	Atrazine	4000	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	640	J
120-12-7	Anthracene	4000	U
86-74-8	Carbazole	4000	U
84-74-2	Di-n-butylphthalate	4000	U
206-44-0	Fluoranthene	1300	J
129-00-0	Pyrene	1300	J
85-68-7	Butylbenzylphthalate	4000	U
91-94-1	3,3-Dichlorobenzidine	4000	U
56-55-3	Benzo(a)anthracene	680	J
218-01-9	Chrysene	710	J
117-81-7	bis(2-Ethylhexyl)phthalate	1400	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-11Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032438.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	4000	U
205-99-2	Benzo(b)fluoranthene	850	J
207-08-9	Benzo(k)fluoranthene	4000	U
50-32-8	Benzo(a)pyrene	630	J
193-39-5	Indeno(1,2,3-cd)pyrene	4000	U
53-70-3	Dibenz(a,h)anthracene	4000	U
191-24-2	Benzo(g,h,i)perylene	450	J

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032438.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 16

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.47	9000	~~AB~~
13029-08-8	1,1-Biphenyl, 2,2-dichloro-	8.66	1700	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl	8.97	1300	J
2050-67-1	1,1-Biphenyl, 3,3-dichloro-	9.12	2400	J
16606-02-3	1,1-Biphenyl, 2,4,5-trichloro-	9.55	2700	J
37680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	9.74	1500	J
38444-81-4	1,1-Biphenyl, 2,3,5-trichloro-	10.03	4500	J
38444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	10.13	2000	J
55702-46-0	1,1-Biphenyl, 2,3,4-trichloro-	10.21	970	J
35693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	10.37	1400	J
52663-58-8	1,1-Biphenyl, 2,3,4,6-tetrachlor	10.57	1300	J
2437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	10.93	820	J
32598-11-1	1,1-Biphenyl, 2,3,4,5-tetrachlo	10.97	1400	J
32598-13-3	1,1-Biphenyl, 3,3,4,4-tetrachlo	11	1100	J
15968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	11.16	950	J
1599-67-3	1-Docosene	12.69	7700	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032439.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
100-52-7	Benzaldehyde	5300	U
108-95-2	Phenol	5300	U
111-44-4	bis(2-Chloroethyl)ether	5300	U
95-57-8	2-Chlorophenol	5300	U
95-48-7	2-Methylphenol	5300	U
108-60-1	2,2-oxybis(1-Chloropropane)	5300	U
98-86-2	Acetophenone	5300	U
65794-96-9	3+4-Methylphenols	5300	U
621-64-7	N-Nitroso-di-n-propylamine	5300	U
67-72-1	Hexachloroethane	5300	U
98-95-3	Nitrobenzene	5300	U
78-59-1	Isophorone	5300	U
88-75-5	2-Nitrophenol	5300	U
105-67-9	2,4-Dimethylphenol	5300	U
111-91-1	bis(2-Chloroethoxy)methane	5300	U
120-83-2	2,4-Dichlorophenol	5300	U
91-20-3	Naphthalene	700	J
106-47-8	4-Chloroaniline	560	J
87-68-3	Hexachlorobutadiene	5300	U
105-60-2	Caprolactam	5300	U
59-50-7	4-Chloro-3-methylphenol	5300	U
91-57-6	2-Methylnaphthalene	5300	U
77-47-4	Hexachlorocyclopentadiene	5300	U
88-06-2	2,4,6-Trichlorophenol	5300	U
95-95-4	2,4,5-Trichlorophenol	5300	U
92-52-4	1,1-Biphenyl	5300	U
91-58-7	2-Chloronaphthalene	5300	U
88-74-4	2-Nitroaniline	5300	U
131-11-3	Dimethylphthalate	~~2500~~ 5300	~~B~~ U

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032439.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	5300	U
606-20-2	2,6-Dinitrotoluene	5300	U
99-09-2	3-Nitroaniline	5300	U
83-32-9	Acenaphthene	630	J
51-28-5	2,4-Dinitrophenol	5300	U
100-02-7	4-Nitrophenol	5300	U
132-64-9	Dibenzofuran	5300	U
121-14-2	2,4-Dinitrotoluene	5300	U
84-66-2	Diethylphthalate	5300	U
7005-72-3	4-Chlorophenyl-phenylether	5300	U
86-73-7	Fluorene	1000	J
100-01-6	4-Nitroaniline	5300	U
534-52-1	4,6-Dinitro-2-methylphenol	5300	U
86-30-6	N-Nitrosodiphenylamine	5300	U
101-55-3	4-Bromophenyl-phenylether	5300	U
118-74-1	Hexachlorobenzene	5300	U
1912-24-9	Atrazine	5300	U
87-86-5	Pentachlorophenol	5300	U
85-01-8	Phenanthrene	6700	
120-12-7	Anthracene	1500	J
86-74-8	Carbazole	590	J
84-74-2	Di-n-butylphthalate	5300	U
206-44-0	Fluoranthene	8600	
129-00-0	Pyrene	8800	
85-68-7	Butylbenzylphthalate	1500	J
91-94-1	3,3-Dichlorobenzidine	5300	U
56-55-3	Benzo(a)anthracene	3500	J
218-01-9	Chrysene	3800	J
117-81-7	bis(2-Ethylhexyl)phthalate	5900 6100	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032439.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	5300	U
205-99-2	Benzo(b)fluoranthene	4600	J
207-08-9	Benzo(k)fluoranthene	1500	J
50-32-8	Benzo(a)pyrene	3200	J
193-39-5	Indeno(1,2,3-cd)pyrene	1900	J
53-70-3	Dibenz(a,h)anthracene	590	J
191-24-2	Benzo(g,h,i)perylene	2400	J

Comments:

11/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

12

EPA SAMPLE NO.

SB-102(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032439.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 19

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.48	7100	~~AP~~
15869-94-0	Octane, 3,6-dimethyl-	6.57	5400	J
	unknown7.02	7.02	2800	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	7.16	6600	J
629-59-4	Tetradecane	7.3	5800	J
575-41-7	Naphthalene, 1,3-dimethyl-	7.57	3700	J
	unknown7.79	7.79	3000	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	8.15	3100	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.66	13000	J
	unknown8.72	8.72	2900	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.97	27000	J
	unknown9.03	9.03	3500	J
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl	9.52	15000	J
779-02-2	Anthracene, 9-methyl-	10.22	4300	J
	unknown10.26	10.26	3200	J
90-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	10.36	7800	J
	unknown10.57	10.57	2800	J
	unknown17.58	17.58	15000	J
	unknown20.14	20.14	3600	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12DL

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BE059695.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH
Concentration Units:Use
original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	27000	UD
108-95-2	Phenol	27000	UD
111-44-4	bis(2-Chloroethyl)ether	27000	UD
95-57-8	2-Chlorophenol	27000	UD
95-48-7	2-Methylphenol	27000	UD
108-60-1	2,2-oxybis(1-Chloropropane)	27000	UD
98-86-2	Acetophenone	27000	UD
65794-96-9	3+4-Methylphenols	27000	UD
621-64-7	N-Nitroso-di-n-propylamine	27000	UD
67-72-1	Hexachloroethane	27000	UD
98-95-3	Nitrobenzene	27000	UD
78-59-1	Isophorone	27000	UD
88-75-5	2-Nitrophenol	27000	UD
105-67-9	2,4-Dimethylphenol	27000	UD
111-91-1	bis(2-Chloroethoxy)methane	27000	UD
120-83-2	2,4-Dichlorophenol	27000	UD
91-20-3	Naphthalene	27000	UD
106-47-8	4-Chloroaniline	27000	UD
87-68-3	Hexachlorobutadiene	27000	UD
105-60-2	Caprolactam	27000	UD
59-50-7	4-Chloro-3-methylphenol	27000	UD
91-57-6	2-Methylnaphthalene	27000	UD
77-47-4	Hexachlorocyclopentadiene	27000	UD
88-06-2	2,4,6-Trichlorophenol	27000	UD
95-95-4	2,4,5-Trichlorophenol	27000	UD
92-52-4	1,1-Biphenyl	27000	UD
91-58-7	2-Chloronaphthalene	27000	UD
88-74-4	2-Nitroaniline	27000	UD
131-11-3	Dimethylphthalate	27000	JDB

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12DL

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BE059695.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	27000	UD
606-20-2	2,6-Dinitrotoluene	27000	UD
99-09-2	3-Nitroaniline	27000	UD
83-32-9	Acenaphthene	27000	UD
51-28-5	2,4-Dinitrophenol	27000	UD
100-02-7	4-Nitrophenol	27000	UD
132-64-9	Dibenzofuran	27000	UD
121-14-2	2,4-Dinitrotoluene	27000	UD
84-66-2	Diethylphthalate	27000	UD
7005-72-3	4-Chlorophenyl-phenylether	27000	UD
86-73-7	Fluorene	27000	UD
100-01-6	4-Nitroaniline	27000	UD
534-52-1	4,6-Dinitro-2-methylphenol	27000	UD
86-30-6	N-Nitrosodiphenylamine	27000	UD
101-55-3	4-Bromophenyl-phenylether	27000	UD
118-74-1	Hexachlorobenzene	27000	UD
1912-24-9	Atrazine	27000	UD
87-86-5	Pentachlorophenol	27000	UD
85-01-8	Phenanthrene	8000	JD
120-12-7	Anthracene	27000	UD
86-74-8	Carbazole	27000	UD
84-74-2	Di-n-butylphthalate	27000	UD
206-44-0	Fluoranthene	9900	JD
129-00-0	Pyrene	9100	JD
85-68-7	Butylbenzylphthalate	27000	UD
91-94-1	3,3-Dichlorobenzidine	27000	UD
56-55-3	Benzo(a)anthracene	3900	JD
218-01-9	Chrysene	4400	JD
117-81-7	bis(2-Ethylhexyl)phthalate	61000	UD

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12DL

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BE059695.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	27000	UD
205-99-2	Benzo(b)fluoranthene	4800	JD
207-08-9	Benzo(k)fluoranthene	27000	UD
50-32-8	Benzo(a)pyrene	3400	JD
193-39-5	Indeno(1,2,3-cd)pyrene	2800	JD
53-70-3	Dibenz(a,h)anthracene	27000	UD
191-24-2	Benzo(g,h,i)perylene	2800	JD

Use original

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BE059694.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	19000	U
108-95-2	Phenol	19000	U
111-44-4	bis(2-Chloroethyl)ether	19000	U
95-57-8	2-Chlorophenol	19000	U
95-48-7	2-Methylphenol	19000	U
108-60-1	2,2-oxybis(1-Chloropropane)	19000	U
98-86-2	Acetophenone	19000	U
65794-96-9	3+4-Methylphenols	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy)methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
91-20-3	Naphthalene	4700	J
106-47-8	4-Chloroaniline	19000	U
87-68-3	Hexachlorobutadiene	19000	U
105-60-2	Caprolactam	19000	U
59-50-7	4-Chloro-3-methylphenol	19000	U
91-57-6	2-Methylnaphthalene	11000	J
77-47-4	Hexachlorocyclopentadiene	19000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1-Biphenyl	19000	U
91-58-7	2-Chloronaphthalene	19000	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	~~2000~~ 19000	~~JB~~ u

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-13Sample wt/vol: 3.06 (g/mL) g Lab File ID: BE059694.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	19000	U
606-20-2	2,6-Dinitrotoluene	19000	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	19000	U
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	19000	U
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
7005-72-3	4-Chlorophenyl-phenylether	19000	U
86-73-7	Fluorene	2000	J
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
118-74-1	Hexachlorobenzene	19000	U
1912-24-9	Atrazine	19000	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	8500	J
120-12-7	Anthracene	2000	J
86-74-8	Carbazole	19000	U
84-74-2	Di-n-butylphthalate	2200	J
206-44-0	Fluoranthene	9300	J
129-00-0	Pyrene	11000	J
85-68-7	Butylbenzylphthalate	25000	
91-94-1	3,3-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	4000	J
218-01-9	Chrysene	4200	J
117-81-7	bis(2-Ethylhexyl)phthalate	48000	

Comments: _____

FORM I SV-1

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BE059694.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	19000	U
205-99-2	Benzo(b)fluoranthene	4900	J
207-08-9	Benzo(k)fluoranthene	19000	U
50-32-8	Benzo(a)pyrene	3200	J
193-39-5	Indeno(1,2,3-cd)pyrene	2200	J
53-70-3	Dibenz(a,h)anthracene	19000	U
191-24-2	Benzo(g,h,i)perylene	2700	J

Comments: _____

13



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BE059694.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/15/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1120-21-4	Undecane	5.08	15000	J
61141-72-8	Dodecane, 4,6-dimethyl-	6.07	9700	J
629-50-5	Tridecane	6.22	20000	J
629-59-4	Tetradecane	6.74	37000	J
575-41-7	Naphthalene, 1,3-dimethyl-	6.82	11000	J
582-16-1	Naphthalene, 2,7-dimethyl-	6.89	17000	J
581-40-8	Naphthalene, 2,3-dimethyl-	6.97	16000	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.52	14000	J
55045-08-4	Dodecane, 2-methyl-6-propyl-	7.61	10000	J
	unknown7.74	7.74	9600	J
544-76-3	Hexadecane	7.8	24000	J
55045-11-9	Tridecane, 5-propyl-	8.05	17000	J
629-78-7	Heptadecane	8.33	37000	J
	unknown8.85	8.85	23000	J
62016-79-9	Heptacosane, 1-chloro-	9.35	21000	J
613-12-7	Anthracene, 2-methyl-	9.55	12000	J
630-01-3	Hexacosane	9.85	14000	J
	unknown10.18	10.18	18000	J
593-49-7	Heptacosane	10.77	16000	J
630-04-6	Hentriacontane	10.9	12000	J

FORM 1 SV-TIC

11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032497.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	4000	U
108-95-2	Phenol	4000	U
111-44-4	bis(2-Chloroethyl)ether	4000	U
95-57-8	2-Chlorophenol	4000	U
95-48-7	2-Methylphenol	4000	U
108-60-1	2,2-oxybis(1-Chloropropane)	4000	U
98-86-2	Acetophenone	4000	U
65794-96-9	3+4-Methylphenols	4000	U
621-64-7	N-Nitroso-di-n-propylamine	4000	U
67-72-1	Hexachloroethane	4000	U
98-95-3	Nitrobenzene	4000	U
78-59-1	Isophorone	4000	U
88-75-5	2-Nitrophenol	4000	U
105-67-9	2,4-Dimethylphenol	4000	U
111-91-1	bis(2-Chloroethoxy)methane	4000	U
120-83-2	2,4-Dichlorophenol	4000	U
91-20-3	Naphthalene	510	J
106-47-8	4-Chloroaniline	4000	U
87-68-3	Hexachlorobutadiene	4000	U
105-60-2	Caprolactam	4000	U
59-50-7	4-Chloro-3-methylphenol	4000	U
91-57-6	2-Methylnaphthalene	4000	U
77-47-4	Hexachlorocyclopentadiene	4000	U
88-06-2	2,4,6-Trichlorophenol	4000	U
95-95-4	2,4,5-Trichlorophenol	4000	U
92-52-4	1,1-Biphenyl	4000	U
91-58-7	2-Chloronaphthalene	4000	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethylphthalate	~~2200~~ 4000	~~JB~~

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032497.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	4000	U
606-20-2	2,6-Dinitrotoluene	4000	U
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	4000	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	4000	U
121-14-2	2,4-Dinitrotoluene	2700	J
84-66-2	Diethylphthalate	4000	U
7005-72-3	4-Chlorophenyl-phenylether	4000	U
86-73-7	Fluorene	4000	U
100-01-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine	4000	U
101-55-3	4-Bromophenyl-phenylether	4000	U
118-74-1	Hexachlorobenzene	4000	U
1912-24-9	Atrazine	4000	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	1300	J
120-12-7	Anthracene	4000	U
86-74-8	Carbazole	4000	U
84-74-2	Di-n-butylphthalate	1500	J
206-44-0	Fluoranthene	1700	J
129-00-0	Pyrene	1400	J
85-68-7	Butylbenzylphthalate	~~180000~~ 250000	~~U~~
91-94-1	3,3-Dichlorobenzidine	4000	U
56-55-3	Benzo(a)anthracene	720	J
218-01-9	Chrysene	780	J
117-81-7	bis(2-Ethylhexyl)phthalate	~~33000~~ 33000	~~U~~

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032497.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	4000	U
205-99-2	Benzo(b)fluoranthene	1000	J
207-08-9	Benzo(k)fluoranthene	4000	U
50-32-8	Benzo(a)pyrene	700	J
193-39-5	Indeno(1,2,3-cd)pyrene	410	J
53-70-3	Dibenz(a,h)anthracene	4000	U
191-24-2	Benzo(g,h,i)perylene	460	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

14

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032497.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 14

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.55	7700	~~AB~~
13798-23-7	Sulfur	8.33	25000	J
22768-22-5	2,4-Diphenyl-4-methyl-2(E)-pentene	9.84	1900	J
66563-30-2	Bacchotricuneatin c	11.96	1800	J
630-02-4	Octacosane	12.38	2000	J
630-06-8	Hexatriacontane	12.79	4600	J
3910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trime	13.2	13000	J
	unknown13.41	13.41	5500	J
7225-64-1	Heptadecane, 9-octyl-	13.62	3100	J
	unknown14.07	14.07	3400	J
593-45-3	Octadecane	14.11	3000	J
630-03-5	Nonacosane	14.69	3000	J
55320-06-4	Heneicosane, 11-decyl-	15.37	2700	J
	unknown19.80	19.8	5800	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14DL

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032498.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	20000	UD
108-95-2	Phenol	20000	UD
111-44-4	bis(2-Chloroethyl)ether	20000	UD
95-57-8	2-Chlorophenol	20000	UD
95-48-7	2-Methylphenol	20000	UD
108-60-1	2,2-oxybis(1-Chloropropane)	20000	UD
98-86-2	Acetophenone	20000	UD
65794-96-9	3+4-Methylphenols	20000	UD
621-64-7	N-Nitroso-di-n-propylamine	20000	UD
67-72-1	Hexachloroethane	20000	UD
98-95-3	Nitrobenzene	20000	UD
78-59-1	Isophorone	20000	UD
88-75-5	2-Nitrophenol	20000	UD
105-67-9	2,4-Dimethylphenol	20000	UD
111-91-1	bis(2-Chloroethoxy)methane	20000	UD
120-83-2	2,4-Dichlorophenol	20000	UD
91-20-3	Naphthalene	20000	UD
106-47-8	4-Chloroaniline	20000	UD
87-68-3	Hexachlorobutadiene	20000	UD
105-60-2	Caprolactam	20000	UD
59-50-7	4-Chloro-3-methylphenol	20000	UD
91-57-6	2-Methylnaphthalene	20000	UD
77-47-4	Hexachlorocyclopentadiene	20000	UD
88-06-2	2,4,6-Trichlorophenol	20000	UD
95-95-4	2,4,5-Trichlorophenol	20000	UD
92-52-4	1,1-Biphenyl	20000	UD
91-58-7	2-Chloronaphthalene	20000	UD
88-74-4	2-Nitroaniline	20000	UD
131-11-3	Dimethylphthalate	2000 20000	UD

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Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14DL

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032498.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	20000	UD
606-20-2	2,6-Dinitrotoluene	20000	UD
99-09-2	3-Nitroaniline	20000	UD
83-32-9	Acenaphthene	20000	UD
51-28-5	2,4-Dinitrophenol	20000	UD
100-02-7	4-Nitrophenol	20000	UD
132-64-9	Dibenzofuran	20000	UD
121-14-2	2,4-Dinitrotoluene	20000	UD
84-66-2	Diethylphthalate	20000	UD
7005-72-3	4-Chlorophenyl-phenylether	20000	UD
86-73-7	Fluorene	20000	UD
100-01-6	4-Nitroaniline	20000	UD
534-52-1	4,6-Dinitro-2-methylphenol	20000	UD
86-30-6	N-Nitrosodiphenylamine	20000	UD
101-55-3	4-Bromophenyl-phenylether	20000	UD
118-74-1	Hexachlorobenzene	20000	UD
1912-24-9	Atrazine	20000	UD
87-86-5	Pentachlorophenol	20000	UD
85-01-8	Phenanthrene	20000	UD
120-12-7	Anthracene	20000	UD
86-74-8	Carbazole	20000	UD
84-74-2	Di-n-butylphthalate	20000	UD
206-44-0	Fluoranthene	20000	UD
129-00-0	Pyrene	20000	UD
85-68-7	Butylbenzylphthalate	220000 250000	UD
91-94-1	3,3-Dichlorobenzidine	20000	UD
56-55-3	Benzo(a)anthracene	20000	UD
218-01-9	Chrysene	20000	UD
117-81-7	bis(2-Ethylhexyl)phthalate	33000	D

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

14DL

EPA SAMPLE NO.

SB-18(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14DL

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032498.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	20000	UD
205-99-2	Benzo(b)fluoranthene	20000	UD
207-08-9	Benzo(k)fluoranthene	20000	UD
50-32-8	Benzo(a)pyrene	20000	UD
193-39-5	Indeno(1,2,3-cd)pyrene	20000	UD
53-70-3	Dibenz(a,h)anthracene	20000	UD
191-24-2	Benzo(g,h,i)perylene	20000	UD

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)DL2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14DL2

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032519.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09

Injection Volume: 1 Dilution Factor: 25

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	100000	UD
108-95-2	Phenol	100000	UD
111-44-4	bis(2-Chloroethyl)ether	100000	UD
95-57-8	2-Chlorophenol	100000	UD
95-48-7	2-Methylphenol	100000	UD
108-60-1	2,2-oxybis(1-Chloropropane)	100000	UD
98-86-2	Acetophenone	100000	UD
65794-96-9	3+4-Methylphenols	100000	UD
621-64-7	N-Nitroso-di-n-propylamine	100000	UD
67-72-1	Hexachloroethane	100000	UD
98-95-3	Nitrobenzene	100000	UD
78-59-1	Isophorone	100000	UD
88-75-5	2-Nitrophenol	100000	UD
105-67-9	2,4-Dimethylphenol	100000	UD
111-91-1	bis(2-Chloroethoxy)methane	100000	UD
120-83-2	2,4-Dichlorophenol	100000	UD
91-20-3	Naphthalene	100000	UD
106-47-8	4-Chloroaniline	100000	UD
87-68-3	Hexachlorobutadiene	100000	UD
105-60-2	Caprolactam	100000	UD
59-50-7	4-Chloro-3-methylphenol	100000	UD
91-57-6	2-Methylnaphthalene	100000	UD
77-47-4	Hexachlorocyclopentadiene	100000	UD
88-06-2	2,4,6-Trichlorophenol	100000	UD
95-95-4	2,4,5-Trichlorophenol	100000	UD
92-52-4	1,1-Biphenyl	100000	UD
91-58-7	2-Chloronaphthalene	100000	UD
88-74-4	2-Nitroaniline	100000	UD
131-11-3	Dimethylphthalate	100000	UD

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)DL2

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-14DL2Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032519.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09Injection Volume: 1 Dilution Factor: 25GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	100000	UD
606-20-2	2,6-Dinitrotoluene	100000	UD
99-09-2	3-Nitroaniline	100000	UD
83-32-9	Acenaphthene	100000	UD
51-28-5	2,4-Dinitrophenol	100000	UD
100-02-7	4-Nitrophenol	100000	UD
132-64-9	Dibenzofuran	100000	UD
121-14-2	2,4-Dinitrotoluene	100000	UD
84-66-2	Diethylphthalate	100000	UD
7005-72-3	4-Chlorophenyl-phenylether	100000	UD
86-73-7	Fluorene	100000	UD
100-01-6	4-Nitroaniline	100000	UD
534-52-1	4,6-Dinitro-2-methylphenol	100000	UD
86-30-6	N-Nitrosodiphenylamine	100000	UD
101-55-3	4-Bromophenyl-phenylether	100000	UD
118-74-1	Hexachlorobenzene	100000	UD
1912-24-9	Atrazine	100000	UD
87-86-5	Pentachlorophenol	100000	UD
85-01-8	Phenanthrene	100000	UD
120-12-7	Anthracene	100000	UD
86-74-8	Carbazole	100000	UD
84-74-2	Di-n-butylphthalate	100000	UD
206-44-0	Fluoranthene	100000	UD
129-00-0	Pyrene	100000	UD
85-68-7	Butylbenzylphthalate	250000	UD
91-94-1	3,3-Dichlorobenzidine	100000	UD
56-55-3	Benzo(a)anthracene	100000	UD
218-01-9	Chrysene	100000	UD
117-81-7	bis(2-Ethylhexyl)phthalate	35000	JD

Comments: _____

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14DL2

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)DL2

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-14DL2Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032519.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/17/09Injection Volume: 1 Dilution Factor: 25GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

*Use
original*

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	100000	UD
205-99-2	Benzo(b)fluoranthene	100000	UD
207-08-9	Benzo(k)fluoranthene	100000	UD
50-32-8	Benzo(a)pyrene	100000	UD
193-39-5	Indeno(1,2,3-cd)pyrene	100000	UD
53-70-3	Dibenz(a,h)anthracene	100000	UD
191-24-2	Benzo(g,h,i)perylene	100000	UD

Comments: _____

*new
11/8/10*

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-17Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032444.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	21000	U
108-95-2	Phenol	21000	U
111-44-4	bis(2-Chloroethyl)ether	21000	U
95-57-8	2-Chlorophenol	21000	U
95-48-7	2-Methylphenol	21000	U
108-60-1	2,2-oxybis(1-Chloropropane)	21000	U
98-86-2	Acetophenone	21000	U
65794-96-9	3+4-Methylphenols	21000	U
621-64-7	N-Nitroso-di-n-propylamine	21000	U
67-72-1	Hexachloroethane	21000	U
98-95-3	Nitrobenzene	21000	U
78-59-1	Isophorone	21000	U
88-75-5	2-Nitrophenol	21000	U
105-67-9	2,4-Dimethylphenol	21000	U
111-91-1	bis(2-Chloroethoxy)methane	21000	U
120-83-2	2,4-Dichlorophenol	21000	U
91-20-3	Naphthalene	21000	U
106-47-8	4-Chloroaniline	21000	U
87-68-3	Hexachlorobutadiene	21000	U
105-60-2	Caprolactam	21000	U
59-50-7	4-Chloro-3-methylphenol	21000	U
91-57-6	2-Methylnaphthalene	21000	U
77-47-4	Hexachlorocyclopentadiene	21000	U
88-06-2	2,4,6-Trichlorophenol	21000	U
95-95-4	2,4,5-Trichlorophenol	21000	U
92-52-4	1,1-Biphenyl	21000	U
91-58-7	2-Chloronaphthalene	21000	U
88-74-4	2-Nitroaniline	21000	U
131-11-3	Dimethylphthalate	~~3000~~ 21000	~~JB~~

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-17

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032444.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	21000	U
606-20-2	2,6-Dinitrotoluene	21000	U
99-09-2	3-Nitroaniline	21000	U
83-32-9	Acenaphthene	2500	J
51-28-5	2,4-Dinitrophenol	21000	U
100-02-7	4-Nitrophenol	21000	U
132-64-9	Dibenzofuran	21000	U
121-14-2	2,4-Dinitrotoluene	21000	U
84-66-2	Diethylphthalate	21000	U
7005-72-3	4-Chlorophenyl-phenylether	21000	U
86-73-7	Fluorene	2900	J
100-01-6	4-Nitroaniline	21000	U
534-52-1	4,6-Dinitro-2-methylphenol	21000	U
86-30-6	N-Nitrosodiphenylamine	21000	U
101-55-3	4-Bromophenyl-phenylether	21000	U
118-74-1	Hexachlorobenzene	21000	U
1912-24-9	Atrazine	21000	U
87-86-5	Pentachlorophenol	21000	U
85-01-8	Phenanthrene	20000	J
120-12-7	Anthracene	5800	J
86-74-8	Carbazole	2700	J
84-74-2	Di-n-butylphthalate	21000	U
206-44-0	Fluoranthene	35000	
129-00-0	Pyrene	33000	
85-68-7	Butylbenzylphthalate	6500	J
91-94-1	3,3-Dichlorobenzidine	21000	U
56-55-3	Benzo(a)anthracene	18000	J
218-01-9	Chrysene	17000	J
117-81-7	bis(2-Ethylhexyl)phthalate	33000	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-17

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032444.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	21000	U
205-99-2	Benzo(b)fluoranthene	20000	J
207-08-9	Benzo(k)fluoranthene	7500	J
50-32-8	Benzo(a)pyrene	16000	J
193-39-5	Indeno(1,2,3-cd)pyrene	10000	J
53-70-3	Dibenz(a,h)anthracene	2800	J
191-24-2	Benzo(g,h,i)perylene	11000	J

Comments:

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CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-17

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032444.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
544-25-2	1,3,5-Cycloheptatriene	2.8	9600	J
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.48	10000	AB
13049-35-9	1,1-Biphenyl, 2,2-diethyl-	9.13	6200	J
64291-99-2	7-Methyl-4-azafluorene	9.36	4500	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.36	9600	J
243-17-4	11H-Benzo[b]fluorene	11.77	4500	J
198-55-0	Perylene	14.74	9500	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032445.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	95000	U
108-95-2	Phenol	95000	U
111-44-4	bis(2-Chloroethyl)ether	95000	U
95-57-8	2-Chlorophenol	95000	U
95-48-7	2-Methylphenol	95000	U
108-60-1	2,2-oxybis(1-Chloropropane)	95000	U
98-86-2	Acetophenone	95000	U
65794-96-9	3+4-Methylphenols	95000	U
621-64-7	N-Nitroso-di-n-propylamine	95000	U
67-72-1	Hexachloroethane	95000	U
98-95-3	Nitrobenzene	95000	U
78-59-1	Isophorone	95000	U
88-75-5	2-Nitrophenol	95000	U
105-67-9	2,4-Dimethylphenol	95000	U
111-91-1	bis(2-Chloroethoxy)methane	95000	U
120-83-2	2,4-Dichlorophenol	95000	U
91-20-3	Naphthalene	95000	U
106-47-8	4-Chloroaniline	95000	U
87-68-3	Hexachlorobutadiene	95000	U
105-60-2	Caprolactam	95000	U
59-50-7	4-Chloro-3-methylphenol	95000	U
91-57-6	2-Methylnaphthalene	95000	U
77-47-4	Hexachlorocyclopentadiene	95000	U
88-06-2	2,4,6-Trichlorophenol	95000	U
95-95-4	2,4,5-Trichlorophenol	95000	U
92-52-4	1,1-Biphenyl	95000	U
91-58-7	2-Chloronaphthalene	95000	U
88-74-4	2-Nitroaniline	95000	U
131-11-3	Dimethylphthalate	95000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032445.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	95000	U
606-20-2	2,6-Dinitrotoluene	95000	U
99-09-2	3-Nitroaniline	95000	U
83-32-9	Acenaphthene	95000	U
51-28-5	2,4-Dinitrophenol	95000	U
100-02-7	4-Nitrophenol	95000	U
132-64-9	Dibenzofuran	95000	U
121-14-2	2,4-Dinitrotoluene	95000	U
84-66-2	Diethylphthalate	95000	U
7005-72-3	4-Chlorophenyl-phenylether	95000	U
86-73-7	Fluorene	95000	U
100-01-6	4-Nitroaniline	95000	U
534-52-1	4,6-Dinitro-2-methylphenol	95000	U
86-30-6	N-Nitrosodiphenylamine	95000	U
101-55-3	4-Bromophenyl-phenylether	95000	U
118-74-1	Hexachlorobenzene	95000	U
1912-24-9	Atrazine	95000	U
87-86-5	Pentachlorophenol	95000	U
85-01-8	Phenanthrene	27000	J
120-12-7	Anthracene	95000	U
86-74-8	Carbazole	95000	U
84-74-2	Di-n-butylphthalate	95000	U
206-44-0	Fluoranthene	41000	J
129-00-0	Pyrene	36000	J
85-68-7	Butylbenzylphthalate	95000	U
91-94-1	3,3-Dichlorobenzidine	95000	U
56-55-3	Benzo(a)anthracene	20000	J
218-01-9	Chrysene	19000	J
117-81-7	bis(2-Ethylhexyl)phthalate	310000	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032445.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	95000	U
205-99-2	Benzo(b)fluoranthene	22000	J
207-08-9	Benzo(k)fluoranthene	95000	U
50-32-8	Benzo(a)pyrene	17000	J
193-39-5	Indeno(1,2,3-cd)pyrene	10000	J
53-70-3	Dibenz(a,h)anthracene	95000	U
191-24-2	Benzo(g,h,i)perylene	12000	J

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032445.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
3522-94-9	Hexane, 2,2,5-trimethyl-	5.29	23000	J
16747-26-5	Hexane, 2,2,4-trimethyl-	5.35	23000	J
62238-14-6	Decane, 2,3,8-trimethyl-	5.43	26000	J

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11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032446.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 30 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	92000	U
108-95-2	Phenol	92000	U
111-44-4	bis(2-Chloroethyl)ether	92000	U
95-57-8	2-Chlorophenol	92000	U
95-48-7	2-Methylphenol	92000	U
108-60-1	2,2-oxybis(1-Chloropropane)	92000	U
98-86-2	Acetophenone	92000	U
65794-96-9	3+4-Methylphenols	92000	U
621-64-7	N-Nitroso-di-n-propylamine	92000	U
67-72-1	Hexachloroethane	92000	U
98-95-3	Nitrobenzene	92000	U
78-59-1	Isophorone	92000	U
88-75-5	2-Nitrophenol	92000	U
105-67-9	2,4-Dimethylphenol	92000	U
111-91-1	bis(2-Chloroethoxy)methane	92000	U
120-83-2	2,4-Dichlorophenol	92000	U
91-20-3	Naphthalene	92000	U
106-47-8	4-Chloroaniline	92000	U
87-68-3	Hexachlorobutadiene	92000	U
105-60-2	Caprolactam	92000	U
59-50-7	4-Chloro-3-methylphenol	92000	U
91-57-6	2-Methylnaphthalene	92000	U
77-47-4	Hexachlorocyclopentadiene	92000	U
88-06-2	2,4,6-Trichlorophenol	92000	U
95-95-4	2,4,5-Trichlorophenol	92000	U
92-52-4	1,1-Biphenyl	92000	U
91-58-7	2-Chloronaphthalene	92000	U
88-74-4	2-Nitroaniline	92000	U
131-11-3	Dimethylphthalate	92000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032446.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 30 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	92000	U
606-20-2	2,6-Dinitrotoluene	92000	U
99-09-2	3-Nitroaniline	92000	U
83-32-9	Acenaphthene	92000	U
51-28-5	2,4-Dinitrophenol	92000	U
100-02-7	4-Nitrophenol	92000	U
132-64-9	Dibenzofuran	92000	U
121-14-2	2,4-Dinitrotoluene	92000	U
84-66-2	Diethylphthalate	92000	U
7005-72-3	4-Chlorophenyl-phenylether	92000	U
86-73-7	Fluorene	92000	U
100-01-6	4-Nitroaniline	92000	U
534-52-1	4,6-Dinitro-2-methylphenol	92000	U
86-30-6	N-Nitrosodiphenylamine	92000	U
101-55-3	4-Bromophenyl-phenylether	92000	U
118-74-1	Hexachlorobenzene	92000	U
1912-24-9	Atrazine	92000	U
87-86-5	Pentachlorophenol	92000	U
85-01-8	Phenanthrene	10000	J
120-12-7	Anthracene	92000	U
86-74-8	Carbazole	92000	U
84-74-2	Di-n-butylphthalate	92000	U
206-44-0	Fluoranthene	27000	J
129-00-0	Pyrene	24000	J
85-68-7	Butylbenzylphthalate	430000	
91-94-1	3,3-Dichlorobenzidine	92000	U
56-55-3	Benzo(a)anthracene	13000	J
218-01-9	Chrysene	12000	J
117-81-7	bis(2-Ethylhexyl)phthalate	49000	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032446.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 30 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	92000	U
205-99-2	Benzo(b)fluoranthene	14000	J
207-08-9	Benzo(k)fluoranthene	92000	U
50-32-8	Benzo(a)pyrene	11000	J
193-39-5	Indeno(1,2,3-cd)pyrene	92000	U
53-70-3	Dibenz(a,h)anthracene	92000	U
191-24-2	Benzo(g,h,i)perylene	92000	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

19

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032446.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 30 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
3910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trime	13.1	40000	J
	unknown13.32	13.32	21000	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032447.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	20000	U
108-95-2	Phenol	20000	U
111-44-4	bis(2-Chloroethyl)ether	20000	U
95-57-8	2-Chlorophenol	20000	U
95-48-7	2-Methylphenol	20000	U
108-60-1	2,2-oxybis(1-Chloropropane)	20000	U
98-86-2	Acetophenone	20000	U
65794-96-9	3+4-Methylphenols	20000	U
621-64-7	N-Nitroso-di-n-propylamine	20000	U
67-72-1	Hexachloroethane	20000	U
98-95-3	Nitrobenzene	20000	U
78-59-1	Isophorone	20000	U
88-75-5	2-Nitrophenol	20000	U
105-67-9	2,4-Dimethylphenol	20000	U
111-91-1	bis(2-Chloroethoxy)methane	20000	U
120-83-2	2,4-Dichlorophenol	20000	U
91-20-3	Naphthalene	20000	U
106-47-8	4-Chloroaniline	20000	U
87-68-3	Hexachlorobutadiene	20000	U
105-60-2	Caprolactam	20000	U
59-50-7	4-Chloro-3-methylphenol	20000	U
91-57-6	2-Methylnaphthalene	20000	U
77-47-4	Hexachlorocyclopentadiene	20000	U
88-06-2	2,4,6-Trichlorophenol	20000	U
95-95-4	2,4,5-Trichlorophenol	20000	U
92-52-4	1,1-Biphenyl	20000	U
91-58-7	2-Chloronaphthalene	20000	U
88-74-4	2-Nitroaniline	20000	U
131-11-3	Dimethylphthalate	20000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032447.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	20000	U
606-20-2	2,6-Dinitrotoluene	20000	U
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	2300	J
51-28-5	2,4-Dinitrophenol	20000	U
100-02-7	4-Nitrophenol	20000	U
132-64-9	Dibenzofuran	20000	U
121-14-2	2,4-Dinitrotoluene	20000	U
84-66-2	Diethylphthalate	20000	U
7005-72-3	4-Chlorophenyl-phenylether	20000	U
86-73-7	Fluorene	3300	J
100-01-6	4-Nitroaniline	20000	U
534-52-1	4,6-Dinitro-2-methylphenol	20000	U
86-30-6	N-Nitrosodiphenylamine	20000	U
101-55-3	4-Bromophenyl-phenylether	20000	U
118-74-1	Hexachlorobenzene	20000	U
1912-24-9	Atrazine	20000	U
87-86-5	Pentachlorophenol	20000	U
85-01-8	Phenanthrene	20000	J
120-12-7	Anthracene	4600	J
86-74-8	Carbazole	2800	J
84-74-2	Di-n-butylphthalate	20000	U
206-44-0	Fluoranthene	23000	
129-00-0	Pyrene	21000	
85-68-7	Butylbenzylphthalate	10000	J
91-94-1	3,3-Dichlorobenzidine	20000	U
56-55-3	Benzo(a)anthracene	10000	J
218-01-9	Chrysene	9600	J
117-81-7	bis(2-Ethylhexyl)phthalate	25000	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032447.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	20000	U
205-99-2	Benzo(b)fluoranthene	11000	J
207-08-9	Benzo(k)fluoranthene	3000	J
50-32-8	Benzo(a)pyrene	8100	J
193-39-5	Indeno(1,2,3-cd)pyrene	5100	J
53-70-3	Dibenz(a,h)anthracene	20000	U
191-24-2	Benzo(g,h,i)perylene	5800	J

Comments:

11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032447.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.47	9600	~~AP~~
62016-28-8	Octane, 2,2,6-trimethyl-	4.57	6600	J
32025-37-9	Benzoic acid, 2-(1-oxopropyl)-, me	7.63	4600	J
17312-81-1	Undecane, 3,5-dimethyl-	8.66	4300	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl	8.97	7500	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	9.52	4200	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.36	8700	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032448.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	39000	U
108-95-2	Phenol	39000	U
111-44-4	bis(2-Chloroethyl)ether	39000	U
95-57-8	2-Chlorophenol	39000	U
95-48-7	2-Methylphenol	39000	U
108-60-1	2,2-oxybis(1-Chloropropane)	39000	U
98-86-2	Acetophenone	39000	U
65794-96-9	3+4-Methylphenols	39000	U
621-64-7	N-Nitroso-di-n-propylamine	39000	U
67-72-1	Hexachloroethane	39000	U
98-95-3	Nitrobenzene	39000	U
78-59-1	Isophorone	39000	U
88-75-5	2-Nitrophenol	39000	U
105-67-9	2,4-Dimethylphenol	39000	U
111-91-1	bis(2-Chloroethoxy)methane	39000	U
120-83-2	2,4-Dichlorophenol	39000	U
91-20-3	Naphthalene	56000	
106-47-8	4-Chloroaniline	39000	U
87-68-3	Hexachlorobutadiene	39000	U
105-60-2	Caprolactam	39000	U
59-50-7	4-Chloro-3-methylphenol	39000	U
91-57-6	2-Methylnaphthalene	28000	J
77-47-4	Hexachlorocyclopentadiene	39000	U
88-06-2	2,4,6-Trichlorophenol	39000	U
95-95-4	2,4,5-Trichlorophenol	39000	U
92-52-4	1,1-Biphenyl	6300	J
91-58-7	2-Chloronaphthalene	39000	U
88-74-4	2-Nitroaniline	39000	U
131-11-3	Dimethylphthalate	39000	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032448.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	39000	U
606-20-2	2,6-Dinitrotoluene	39000	U
99-09-2	3-Nitroaniline	39000	U
83-32-9	Acenaphthene	22000	J
51-28-5	2,4-Dinitrophenol	39000	U
100-02-7	4-Nitrophenol	39000	U
132-64-9	Dibenzofuran	24000	J
121-14-2	2,4-Dinitrotoluene	39000	U
84-66-2	Diethylphthalate	39000	U
7005-72-3	4-Chlorophenyl-phenylether	39000	U
86-73-7	Fluorene	38000	J
100-01-6	4-Nitroaniline	39000	U
534-52-1	4,6-Dinitro-2-methylphenol	39000	U
86-30-6	N-Nitrosodiphenylamine	39000	U
101-55-3	4-Bromophenyl-phenylether	39000	U
118-74-1	Hexachlorobenzene	39000	U
1912-24-9	Atrazine	39000	U
87-86-5	Pentachlorophenol	39000	U
85-01-8	Phenanthrene	170000	
120-12-7	Anthracene	44000	
86-74-8	Carbazole	35000	J
84-74-2	Di-n-butylphthalate	39000	U
206-44-0	Fluoranthene	120000	
129-00-0	Pyrene	110000	
85-68-7	Butylbenzylphthalate	10000	J
91-94-1	3,3-Dichlorobenzidine	39000	U
56-55-3	Benzo(a)anthracene	45000	
218-01-9	Chrysene	38000	J
117-81-7	bis(2-Ethylhexyl)phthalate	66000	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032448.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	8500	J
205-99-2	Benzo(b)fluoranthene	40000	
207-08-9	Benzo(k)fluoranthene	14000	J
50-32-8	Benzo(a)pyrene	31000	J
193-39-5	Indeno(1,2,3-cd)pyrene	19000	J
53-70-3	Dibenz(a,h)anthracene	4600	J
191-24-2	Benzo(g,h,i)perylene	21000	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032448.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
629-50-5	Tridecane	6.74	53000	J
90-12-0	Naphthalene, 1-methyl-	6.96	22000	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	7.16	26000	J
582-16-1	Naphthalene, 2,7-dimethyl-	7.49	25000	J
575-41-7	Naphthalene, 1,3-dimethyl-	7.57	33000	J
17312-62-8	Decane, 5-propyl-	7.63	51000	J
575-43-9	Naphthalene, 1,6-dimethyl-	7.69	22000	J
112-04-9	Silane, trichlorooctadecyl-	7.86	98000	J
544-76-3	Hexadecane	8.41	97000	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.66	63000	J
629-78-7	Heptadecane	8.96	160000	J
593-45-3	Octadecane	9.49	100000	J
593-49-7	Heptacosane	9.52	56000	J
646-31-1	Tetracosane	10	79000	J
779-02-2	Anthracene, 9-methyl-	10.26	28000	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.36	52000	J
112-95-8	Eicosane	10.5	69000	J
	Unknown10.84	10.84	26000	Jnk
3674-66-6	Phenanthrene, 2,5-dimethyl-	10.89	26000	J
629-94-7	Heneicosane	10.97	52000	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

22

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032449.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	40000	U
108-95-2	Phenol	40000	U
111-44-4	bis(2-Chloroethyl)ether	40000	U
95-57-8	2-Chlorophenol	40000	U
95-48-7	2-Methylphenol	40000	U
108-60-1	2,2-oxybis(1-Chloropropane)	40000	U
98-86-2	Acetophenone	40000	U
65794-96-9	3+4-Methylphenols	40000	U
621-64-7	N-Nitroso-di-n-propylamine	40000	U
67-72-1	Hexachloroethane	40000	U
98-95-3	Nitrobenzene	40000	U
78-59-1	Isophorone	40000	U
88-75-5	2-Nitrophenol	40000	U
105-67-9	2,4-Dimethylphenol	40000	U
111-91-1	bis(2-Chloroethoxy)methane	40000	U
120-83-2	2,4-Dichlorophenol	40000	U
91-20-3	Naphthalene	40000	U
106-47-8	4-Chloroaniline	40000	U
87-68-3	Hexachlorobutadiene	40000	U
105-60-2	Caprolactam	40000	U
59-50-7	4-Chloro-3-methylphenol	40000	U
91-57-6	2-Methylnaphthalene	40000	U
77-47-4	Hexachlorocyclopentadiene	40000	U
88-06-2	2,4,6-Trichlorophenol	40000	U
95-95-4	2,4,5-Trichlorophenol	40000	U
92-52-4	1,1-Biphenyl	40000	U
91-58-7	2-Chloronaphthalene	40000	U
88-74-4	2-Nitroaniline	40000	U
131-11-3	Dimethylphthalate	40000	U

Comments:

11/8/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

22

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032449.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	40000	U
606-20-2	2,6-Dinitrotoluene	40000	U
99-09-2	3-Nitroaniline	40000	U
83-32-9	Acenaphthene	40000	U
51-28-5	2,4-Dinitrophenol	40000	U
100-02-7	4-Nitrophenol	40000	U
132-64-9	Dibenzofuran	40000	U
121-14-2	2,4-Dinitrotoluene	40000	U
84-66-2	Diethylphthalate	40000	U
7005-72-3	4-Chlorophenyl-phenylether	40000	U
86-73-7	Fluorene	5500	J
100-01-6	4-Nitroaniline	40000	U
534-52-1	4,6-Dinitro-2-methylphenol	40000	U
86-30-6	N-Nitrosodiphenylamine	40000	U
101-55-3	4-Bromophenyl-phenylether	40000	U
118-74-1	Hexachlorobenzene	40000	U
1912-24-9	Atrazine	40000	U
87-86-5	Pentachlorophenol	40000	U
85-01-8	Phenanthrene	30000	J
120-12-7	Anthracene	7700	J
86-74-8	Carbazole	4200	J
84-74-2	Di-n-butylphthalate	40000	U
206-44-0	Fluoranthene	33000	J
129-00-0	Pyrene	37000	J
85-68-7	Butylbenzylphthalate	40000	U
91-94-1	3,3-Dichlorobenzidine	40000	U
56-55-3	Benzo(a)anthracene	15000	J
218-01-9	Chrysene	15000	J
117-81-7	bis(2-Ethylhexyl)phthalate	48000	

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-22Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032449.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 20 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09Injection Volume: 1 Dilution Factor: 10GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	40000	U
205-99-2	Benzo(b)fluoranthene	15000	J
207-08-9	Benzo(k)fluoranthene	6400	J
50-32-8	Benzo(a)pyrene	12000	J
193-39-5	Indeno(1,2,3-cd)pyrene	8100	J
53-70-3	Dibenz(a,h)anthracene	40000	U
191-24-2	Benzo(g,h,i)perylene	9100	J

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

22

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032449.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 13

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.48	9400	AB
2216-32-2	Heptane, 4-ethyl-	5.29	12000	J
1560-88-9	Octadecane, 2-methyl-	5.34	8500	J
544-85-4	Dotriacontane	7.3	9100	J
112-04-9	Silane, trichlorooctadecyl-	7.63	14000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.66	12000	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.97	29000	J
	unknown9.20	9.2	8700	J
54833-23-7	Eicosane, 10-methyl-	9.49	9900	J
630-06-8	Hexatriacontane	9.52	13000	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.36	12000	J
	unknown12.62	12.62	27000	J
	unknown13.07	13.07	9800	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01

Sample wt/vol: 5.1 (g/mL) g Lab File ID: P1018911.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	12	U
319-85-7	beta-BHC	12	U
319-86-8	delta-BHC	12	U
58-89-9	gamma-BHC	12	U
76-44-8	Heptachlor	12	U
309-00-2	Aldrin	12	U
1024-57-3	Heptachlor epoxide	12	U
959-98-8	Endosulfan I	12	U
60-57-1	Dieldrin	12	U
72-55-9	4,4-DDE	12	U
72-20-8	Endrin	12	U
33213-65-9	Endosulfan II	12	U
72-54-8	4,4-DDD	12	U
1031-07-8	Endosulfan Sulfate	12	U
50-29-3	4,4-DDT	12	U
72-43-5	Methoxychlor	12	U
53494-70-5	Endrin ketone	12	U
7421-93-4	Endrin aldehyde	12	U
5103-71-9	alpha-Chlordane	12	U
5103-74-2	gamma-Chlordane	12	U
8001-35-2	Toxaphene	120	U

Comments: _____

FORM I PEST

11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-04Sample wt/vol: 5.07 (g/mL) g Lab File ID: P1018955.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 16 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC	12		U
319-85-7	beta-BHC	12		U
319-86-8	delta-BHC	12		U
58-89-9	gamma-BHC	12		U
76-44-8	Heptachlor	12		U
309-00-2	Aldrin	12		U
1024-57-3	Heptachlor epoxide	12		U
959-98-8	Endosulfan I	12		U
60-57-1	Dieldrin	12		U
72-55-9	4,4-DDE	12		U
72-20-8	Endrin	12		U
33213-65-9	Endosulfan II	12		U
72-54-8	4,4-DDD	12		U
1031-07-8	Endosulfan Sulfate	12		U
50-29-3	4,4-DDT	12		U
72-43-5	Methoxychlor	12		U
53494-70-5	Endrin ketone	12		U
7421-93-4	Endrin aldehyde	12		U
5103-71-9	alpha-Chlordane	12		U
5103-74-2	gamma-Chlordane	12		U
8001-35-2	Toxaphene	120		U

Comments: _____

FORM I PEST

NW
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-05Sample wt/vol: 5.11 (g/mL) g Lab File ID: P1018956.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	12	U
319-85-7	beta-BHC	12	U
319-86-8	delta-BHC	12	U
58-89-9	gamma-BHC	12	U
76-44-8	Heptachlor	12	U
309-00-2	Aldrin	12	U
1024-57-3	Heptachlor epoxide	12	U
959-98-8	Endosulfan I	12	U
60-57-1	Dieldrin	12	U
72-55-9	4,4-DDE	12	U
72-20-8	Endrin	12	U
33213-65-9	Endosulfan II	12	U
72-54-8	4,4-DDD	12	U
1031-07-8	Endosulfan Sulfate	12	U
50-29-3	4,4-DDT	12	U
72-43-5	Methoxychlor	12	U
53494-70-5	Endrin ketone	12	U
7421-93-4	Endrin aldehyde	12	U
5103-71-9	alpha-Chlordane	12	U
5103-74-2	gamma-Chlordane	12	U
8001-35-2	Toxaphene	120	U

Comments: _____

FORM I PEST

RW
11/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-06Sample wt/vol: 5.05 (g/mL) g Lab File ID: P1018916.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	11	U
319-85-7	beta-BHC	11	U
319-86-8	delta-BHC	11	U
58-89-9	gamma-BHC	11	U
76-44-8	Heptachlor	11	U
309-00-2	Aldrin	11	U
1024-57-3	Heptachlor epoxide	11	U
959-98-8	Endosulfan I	11	U
60-57-1	Dieldrin	11	U
72-55-9	4,4-DDE	11	U
72-20-8	Endrin	11	U
33213-65-9	Endosulfan II	11	U
72-54-8	4,4-DDD	11	U
1031-07-8	Endosulfan Sulfate	11	U
50-29-3	4,4-DDT	11	U
72-43-5	Methoxychlor	11	U
53494-70-5	Endrin ketone	11	U
7421-93-4	Endrin aldehyde	11	U
5103-71-9	alpha-Chlordane	11	U
5103-74-2	gamma-Chlordane	11	U
8001-35-2	Toxaphene	110	U

Comments: _____

FORM I PEST

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118/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-07Sample wt/vol: 5.07 (g/mL) g Lab File ID: P1018917.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	12	U
319-85-7	beta-BHC	12	U
319-86-8	delta-BHC	12	U
58-89-9	gamma-BHC	12	U
76-44-8	Heptachlor	12	U
309-00-2	Aldrin	12	U
1024-57-3	Heptachlor epoxide	12	U
959-98-8	Endosulfan I	12	U
60-57-1	Dieldrin	12	U
72-55-9	4,4-DDE	12	U
72-20-8	Endrin	12	U
33213-65-9	Endosulfan II	12	U
72-54-8	4,4-DDD	12	U
1031-07-8	Endosulfan Sulfate	12	U
50-29-3	4,4-DDT	12	U
72-43-5	Methoxychlor	12	U
53494-70-5	Endrin ketone	12	U
7421-93-4	Endrin aldehyde	12	U
5103-71-9	alpha-Chlordane	12	U
5103-74-2	gamma-Chlordane	12	U
8001-35-2	Toxaphene	120	U

Comments: _____

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-08Sample wt/vol: 5.09 (g/mL) g Lab File ID: P1018918.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 27 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	14	U
319-85-7	beta-BHC	14	U
319-86-8	delta-BHC	14	U
58-89-9	gamma-BHC	14	U
76-44-8	Heptachlor	14	U
309-00-2	Aldrin	14	U
1024-57-3	Heptachlor epoxide	14	U
959-98-8	Endosulfan I	14	U
60-57-1	Dieldrin	14	U
72-55-9	4,4-DDE	14	U
72-20-8	Endrin	14	U
33213-65-9	Endosulfan II	14	U
72-54-8	4,4-DDD	14	U
1031-07-8	Endosulfan Sulfate	14	U
50-29-3	4,4-DDT	14	U
72-43-5	Methoxychlor	14	U
53494-70-5	Endrin ketone	14	U
7421-93-4	Endrin aldehyde	14	U
5103-71-9	alpha-Chlordane	14	U
5103-74-2	gamma-Chlordane	14	U
8001-35-2	Toxaphene	140	U

Comments: _____

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-09Sample wt/vol: 5.11 (g/mL) g Lab File ID: P1018919.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 24 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	13	U
319-85-7	beta-BHC	13	U
319-86-8	delta-BHC	13	U
58-89-9	gamma-BHC	13	U
76-44-8	Heptachlor	13	U
309-00-2	Aldrin	13	U
1024-57-3	Heptachlor epoxide	13	U
959-98-8	Endosulfan I	13	U
60-57-1	Dieldrin	13	U
72-55-9	4,4-DDE	13	U
72-20-8	Endrin	13	U
33213-65-9	Endosulfan II	13	U
72-54-8	4,4-DDD	13	U
1031-07-8	Endosulfan Sulfate	13	U
50-29-3	4,4-DDT	13	U
72-43-5	Methoxychlor	13	U
53494-70-5	Endrin ketone	13	U
7421-93-4	Endrin aldehyde	13	U
5103-71-9	alpha-Chlordane	13	U
5103-74-2	gamma-Chlordane	13	U
8001-35-2	Toxaphene	130	U

Comments: _____

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EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-10Sample wt/vol: 5.06 (g/mL) g Lab File ID: P1018920.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	13	U
319-85-7	beta-BHC	13	U
319-86-8	delta-BHC	13	U
58-89-9	gamma-BHC	13	U
76-44-8	Heptachlor	13	U
309-00-2	Aldrin	13	U
1024-57-3	Heptachlor epoxide	13	U
959-98-8	Endosulfan I	13	U
60-57-1	Dieldrin	13	U
72-55-9	4,4-DDE	13	U
72-20-8	Endrin	13	U
33213-65-9	Endosulfan II	13	U
72-54-8	4,4-DDD	13	U
1031-07-8	Endosulfan Sulfate	13	U
50-29-3	4,4-DDT	13	U
72-43-5	Methoxychlor	13	U
53494-70-5	Endrin ketone	13	U
7421-93-4	Endrin aldehyde	13	U
5103-71-9	alpha-Chlordane	13	U
5103-74-2	gamma-Chlordane	13	U
8001-35-2	Toxaphene	130	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-11Sample wt/vol: 5.08 (g/mL) g Lab File ID: P1018944.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	12	U
319-85-7	beta-BHC	12	U
319-86-8	delta-BHC	12	U
58-89-9	gamma-BHC	12	U
76-44-8	Heptachlor	12	U
309-00-2	Aldrin	12	U
1024-57-3	Heptachlor epoxide	12	U
959-98-8	Endosulfan I	12	U
60-57-1	Dieldrin	12	U
72-55-9	4,4-DDE	12	U
72-20-8	Endrin	12	U
33213-65-9	Endosulfan II	12	U
72-54-8	4,4-DDD	12	U
1031-07-8	Endosulfan Sulfate	12	U
50-29-3	4,4-DDT	12	U
72-43-5	Methoxychlor	12	U
53494-70-5	Endrin ketone	12	U
7421-93-4	Endrin aldehyde	12	U
5103-71-9	alpha-Chlordane	12	U
5103-74-2	gamma-Chlordane	12	U
8001-35-2	Toxaphene	120	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-12Sample wt/vol: 5.05 (g/mL) g Lab File ID: P1018945.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	17	U
319-85-7	beta-BHC	17	U
319-86-8	delta-BHC	17	U
58-89-9	gamma-BHC	17	U
76-44-8	Heptachlor	17	U
309-00-2	Aldrin	17	U
1024-57-3	Heptachlor epoxide	17	U
959-98-8	Endosulfan I	17	U
60-57-1	Dieldrin	17	U
72-55-9	4,4-DDE	17	U
72-20-8	Endrin	17	U
33213-65-9	Endosulfan II	17	U
72-54-8	4,4-DDD	17	U
1031-07-8	Endosulfan Sulfate	17	U
50-29-3	4,4-DDT	17	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	17	U
7421-93-4	Endrin aldehyde	17	U
5103-71-9	alpha-Chlordane	17	U
5103-74-2	gamma-Chlordane	17	U
8001-35-2	Toxaphene	170	U

Comments: _____

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11/11/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-13Sample wt/vol: 5.07 (g/mL) g Lab File ID: P1018946.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	12	U
319-85-7	beta-BHC	12	U
319-86-8	delta-BHC	12	U
58-89-9	gamma-BHC	12	U
76-44-8	Heptachlor	12	U
309-00-2	Aldrin	12	U
1024-57-3	Heptachlor epoxide	12	U
959-98-8	Endosulfan I	12	U
60-57-1	Dieldrin	12	U
72-55-9	4,4-DDE	12	U
72-20-8	Endrin	12	U
33213-65-9	Endosulfan II	12	U
72-54-8	4,4-DDD	12	U
1031-07-8	Endosulfan Sulfate	12	U
50-29-3	4,4-DDT	12	U
72-43-5	Methoxychlor	12	U
53494-70-5	Endrin ketone	12	U
7421-93-4	Endrin aldehyde	12	U
5103-71-9	alpha-Chlordane	12	U
5103-74-2	gamma-Chlordane	12	U
8001-35-2	Toxaphene	120	U

Comments: _____

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-14Sample wt/vol: 5.11 (g/mL) g Lab File ID: P1018947.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	13	U
319-85-7	beta-BHC	13	U
319-86-8	delta-BHC	13	U
58-89-9	gamma-BHC	13	U
76-44-8	Heptachlor	13	U
309-00-2	Aldrin	13	U
1024-57-3	Heptachlor epoxide	13	U
959-98-8	Endosulfan I	13	U
60-57-1	Dieldrin	13	U
72-55-9	4,4-DDE	13	U
72-20-8	Endrin	13	U
33213-65-9	Endosulfan II	13	U
72-54-8	4,4-DDD	13	U
1031-07-8	Endosulfan Sulfate	13	U
50-29-3	4,4-DDT	13	U
72-43-5	Methoxychlor	13	U
53494-70-5	Endrin ketone	13	U
7421-93-4	Endrin aldehyde	13	U
5103-71-9	alpha-Chlordane	13	U
5103-74-2	gamma-Chlordane	13	U
8001-35-2	Toxaphene	130	U

Comments: _____

FORM I PEST

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-17Sample wt/vol: 5.08 (g/mL) g Lab File ID: P1018950.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	13	U
319-85-7	beta-BHC	13	U
319-86-8	delta-BHC	13	U
58-89-9	gamma-BHC	13	U
76-44-8	Heptachlor	13	U
309-00-2	Aldrin	13	U
1024-57-3	Heptachlor epoxide	13	U
959-98-8	Endosulfan I	13	U
60-57-1	Dieldrin	13	U
72-55-9	4,4-DDE	13	U
72-20-8	Endrin	13	U
33213-65-9	Endosulfan II	13	U
72-54-8	4,4-DDD	13	U
1031-07-8	Endosulfan Sulfate	13	U
50-29-3	4,4-DDT	13	U
72-43-5	Methoxychlor	13	U
53494-70-5	Endrin ketone	13	U
7421-93-4	Endrin aldehyde	13	U
5103-71-9	alpha-Chlordane	13	U
5103-74-2	gamma-Chlordane	13	U
8001-35-2	Toxaphene	130	U

Comments: _____

FORM I PEST

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-18Sample wt/vol: 5.11 (g/mL) g Lab File ID: P1018951.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	15	U
319-85-7	beta-BHC	15	U
319-86-8	delta-BHC	15	U
58-89-9	gamma-BHC	15	U
76-44-8	Heptachlor	15	U
309-00-2	Aldrin	15	U
1024-57-3	Heptachlor epoxide	15	U
959-98-8	Endosulfan I	15	U
60-57-1	Dieldrin	15	U
72-55-9	4,4-DDE	15	U
72-20-8	Endrin	15	U
33213-65-9	Endosulfan II	15	U
72-54-8	4,4-DDD	15	U
1031-07-8	Endosulfan Sulfate	15	U
50-29-3	4,4-DDT	15	U
72-43-5	Methoxychlor	15	U
53494-70-5	Endrin ketone	15	U
7421-93-4	Endrin aldehyde	15	U
5103-71-9	alpha-Chlordane	15	U
5103-74-2	gamma-Chlordane	15	U
8001-35-2	Toxaphene	150	U

Comments: _____

FORM I PEST

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-19Sample wt/vol: 5.06 (g/mL) g Lab File ID: P1018952.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 30 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	14	U
319-85-7	beta-BHC	14	U
319-86-8	delta-BHC	14	U
58-89-9	gamma-BHC	14	U
76-44-8	Heptachlor	14	U
309-00-2	Aldrin	14	U
1024-57-3	Heptachlor epoxide	14	U
959-98-8	Endosulfan I	14	U
60-57-1	Dieldrin	14	U
72-55-9	4,4-DDE	14	U
72-20-8	Endrin	14	U
33213-65-9	Endosulfan II	14	U
72-54-8	4,4-DDD	14	U
1031-07-8	Endosulfan Sulfate	14	U
50-29-3	4,4-DDT	14	U
72-43-5	Methoxychlor	14	U
53494-70-5	Endrin ketone	14	U
7421-93-4	Endrin aldehyde	14	U
5103-71-9	alpha-Chlordane	14	U
5103-74-2	gamma-Chlordane	14	U
8001-35-2	Toxaphene	140	U

Comments: _____

FORM I PEST

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 5.1 (g/mL) g Lab File ID: P1018953.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	13	U
319-85-7	beta-BHC	13	U
319-86-8	delta-BHC	13	U
58-89-9	gamma-BHC	13	U
76-44-8	Heptachlor	13	U
309-00-2	Aldrin	13	U
1024-57-3	Heptachlor epoxide	13	U
959-98-8	Endosulfan I	13	U
60-57-1	Dieldrin	13	U
72-55-9	4,4-DDE	13	U
72-20-8	Endrin	13	U
33213-65-9	Endosulfan II	13	U
72-54-8	4,4-DDD	13	U
1031-07-8	Endosulfan Sulfate	13	U
50-29-3	4,4-DDT	13	U
72-43-5	Methoxychlor	13	U
53494-70-5	Endrin ketone	13	U
7421-93-4	Endrin aldehyde	13	U
5103-71-9	alpha-Chlordane	13	U
5103-74-2	gamma-Chlordane	13	U
8001-35-2	Toxaphene	130	U

Comments: _____

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-21Sample wt/vol: 5.06 (g/mL) g Lab File ID: P1018954.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC	12		U
319-85-7	beta-BHC	12		U
319-86-8	delta-BHC	12		U
58-89-9	gamma-BHC	12		U
76-44-8	Heptachlor	12		U
309-00-2	Aldrin	12		U
1024-57-3	Heptachlor epoxide	12		U
959-98-8	Endosulfan I	12		U
60-57-1	Dieldrin	12		U
72-55-9	4,4-DDE	12		U
72-20-8	Endrin	12		U
33213-65-9	Endosulfan II	12		U
72-54-8	4,4-DDD	12		U
1031-07-8	Endosulfan Sulfate	12		U
50-29-3	4,4-DDT	12		U
72-43-5	Methoxychlor	12		U
53494-70-5	Endrin ketone	12		U
7421-93-4	Endrin aldehyde	12		U
5103-71-9	alpha-Chlordane	12		U
5103-74-2	gamma-Chlordane	12		U
8001-35-2	Toxaphene	120		U

Comments: _____

FORM I PEST

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-22Sample wt/vol: 5.05 (g/mL) g Lab File ID: P1019003.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 20 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
319-84-6	alpha-BHC	13		U
319-85-7	beta-BHC	13		U
319-86-8	delta-BHC	13		U
58-89-9	gamma-BHC	13		U
76-44-8	Heptachlor	13		U
309-00-2	Aldrin	13		U
1024-57-3	Heptachlor epoxide	13		U
959-98-8	Endosulfan I	13		U
60-57-1	Dieldrin	13		U
72-55-9	4,4-DDE	13		U
72-20-8	Endrin	13		U
33213-65-9	Endosulfan II	13		U
72-54-8	4,4-DDD	13		U
1031-07-8	Endosulfan Sulfate	13		U
50-29-3	4,4-DDT	13		U
72-43-5	Methoxychlor	13		U
53494-70-5	Endrin ketone	13		U
7421-93-4	Endrin aldehyde	13		U
5103-71-9	alpha-Chlordane	13		U
5103-74-2	gamma-Chlordane	13		U
8001-35-2	Toxaphene	130		U

Comments: _____

FORM I PEST

Rev
11/8/10



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-01Sample wt/vol: 5.1 (g/mL) g Lab File ID: P6033069.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~21000~~ 28000	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments: _____

nw
1/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-01DL

Sample wt/vol: 5.1 (g/mL) g Lab File ID: P6033488.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/18/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	2500	UD
11104-28-2	Aroclor-1221	2500	UD
11141-16-5	Aroclor-1232	2500	UD
53469-21-9	Aroclor-1242	28000	UD
12672-29-6	Aroclor-1248	2500	UD
11097-69-1	Aroclor-1254	2500	UD
11096-82-5	Aroclor-1260	2500	UD

use original

Comments:

11/18/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-2

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04

Sample wt/vol: 5.07 (g/mL) g Lab File ID: P6033072.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~100000~~ 3200000	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

402

EPA SAMPLE NO.

DUP-2DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-04DL

Sample wt/vol: 5.07 (g/mL) g Lab File ID: P6033243.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 2000

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units: ug/Kg

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	240000	UD
11104-28-2	Aroclor-1221	240000	UD
11141-16-5	Aroclor-1232	240000	UD
53469-21-9	Aroclor-1242	3200000	D
12672-29-6	Aroclor-1248	240000	UD
11097-69-1	Aroclor-1254	240000	UD
11096-82-5	Aroclor-1260	240000	UD

Comments: _____

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11/8/10



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-05

Sample wt/vol: 5.11 (g/mL) g Lab File ID: P6033073.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~180000~~ 3200000	~~U~~ E
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments: _____

new
11/8/10

5DL

CHEMTECH

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27(0-4)DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-05DLSample wt/vol: 5.11 (g/mL) g Lab File ID: P6033244.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09Injection Volume: 1 Dilution Factor: 2000GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	250000	UD
11104-28-2	Aroclor-1221	250000	UD
11141-16-5	Aroclor-1232	250000	UD
53469-21-9	Aroclor-1242	3200000	UD
12672-29-6	Aroclor-1248	250000	UD
11097-69-1	Aroclor-1254	250000	UD
11096-82-5	Aroclor-1260	250000	UD

Comments: _____

hw
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-06

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P6033074.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	110	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	110	U
53469-21-9	Aroclor-1242	1300	
12672-29-6	Aroclor-1248	110	U
11097-69-1	Aroclor-1254	110	U
11096-82-5	Aroclor-1260	110	U

Comments:

11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-07

Sample wt/vol: 5.07 (g/mL) g Lab File ID: P6033075.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	460	
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-08

Sample wt/vol: 5.09 (g/mL) g Lab File ID: P6033080.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 27 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	140	U
11104-28-2	Aroclor-1221	140	U
11141-16-5	Aroclor-1232	140	U
53469-21-9	Aroclor-1242	~~17000~~ 31000	~~U~~
12672-29-6	Aroclor-1248	140	U
11097-69-1	Aroclor-1254	140	U
11096-82-5	Aroclor-1260	140	U

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Comments: _____

11/8/10

8DL

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(4-6)DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-08DLSample wt/vol: 5.09 (g/mL) g Lab File ID: P6033155.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 27 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 20GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	2700	UD
11104-28-2	Aroclor-1221	2700	UD
11141-16-5	Aroclor-1232	2700	UD
53469-21-9	Aroclor-1242	31000	UD
12672-29-6	Aroclor-1248	2700	UD
11097-69-1	Aroclor-1254	2700	UD
11096-82-5	Aroclor-1260	2700	UD

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Comments: _____

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11/8/10*

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-09

Sample wt/vol: 5.11 (g/mL) g Lab File ID: P6033081.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	130	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	130	U
53469-21-9	Aroclor-1242	2500	
12672-29-6	Aroclor-1248	130	U
11097-69-1	Aroclor-1254	130	U
11096-82-5	Aroclor-1260	130	U

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Comments:

WJ
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10

Sample wt/vol: 5.06 (g/mL) g Lab File ID: P6033082.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	130	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	130	U
53469-21-9	Aroclor-1242	~~6700~~ 11000	~~U~~
12672-29-6	Aroclor-1248	130	U
11097-69-1	Aroclor-1254	130	U
11096-82-5	Aroclor-1260	130	U

Comments:

hw
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

10DL

EPA SAMPLE NO.

SB-101(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-10DL

Sample wt/vol: 5.06 (g/mL) g Lab File ID: P6033156.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	Aroclor-1016	1300		UD
11104-28-2	Aroclor-1221	1300		UD
11141-16-5	Aroclor-1232	1300		UD
53469-21-9	Aroclor-1242	11000		UD
12672-29-6	Aroclor-1248	1300		UD
11097-69-1	Aroclor-1254	1300		UD
11096-82-5	Aroclor-1260	1300		UD

Comments: _____

11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-11

Sample wt/vol: 5.08 (g/mL) g Lab File ID: P6033083.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~14000~~ 31000	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments: _____

11DL

CHEMTECH

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-11DLSample wt/vol: 5.08 (g/mL) g Lab File ID: P6033157.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 20GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	2500	UD
11104-28-2	Aroclor-1221	2500	UD
11141-16-5	Aroclor-1232	2500	UD
53469-21-9	Aroclor-1242	31000	UD
12672-29-6	Aroclor-1248	2500	UD
11097-69-1	Aroclor-1254	2500	UD
11096-82-5	Aroclor-1260	2500	UD

Use
original

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Comments: _____

FORM I PEST

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11/8/10

12



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P6033084.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	170	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	170	U
53469-21-9	Aroclor-1242	~~10000~~ <u>14000</u>	~~U~~
12672-29-6	Aroclor-1248	170	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

Comments: _____

new
11/8/10

12DL

CHEMTECH

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(4-6)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-12DL

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P6033247.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 39 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	3300	UD
11104-28-2	Aroclor-1221	3300	UD
11141-16-5	Aroclor-1232	3300	UD
53469-21-9	Aroclor-1242	14000	UD
12672-29-6	Aroclor-1248	3300	UD
11097-69-1	Aroclor-1254	3300	UD
11096-82-5	Aroclor-1260	3300	UD

Comments:

hw
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13

Sample wt/vol: 5.07 (g/mL) g Lab File ID: P6033085.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~17000~~ 33000	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments:

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1/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

13DL

EPA SAMPLE NO.

SB-16(4-7)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-13DL

Sample wt/vol: 5.07 (g/mL) g Lab File ID: P6033248.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

*use
original*

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	2300	UD
11104-28-2	Aroclor-1221	2300	UD
11141-16-5	Aroclor-1232	2300	UD
53469-21-9	Aroclor-1242	33000	UD
12672-29-6	Aroclor-1248	2300	UD
11097-69-1	Aroclor-1254	2300	UD
11096-82-5	Aroclor-1260	2300	UD

Comments: _____

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11/8/10*



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14

Sample wt/vol: 5.11 (g/mL) g Lab File ID: P6033086.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	130	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	130	U
53469-21-9	Aroclor-1242	~~3000~~ 4800	~~EP~~
12672-29-6	Aroclor-1248	130	U
11097-69-1	Aroclor-1254	130	U
11096-82-5	Aroclor-1260	130	U

Comments: _____

new
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

1402

EPA SAMPLE NO.

SB-18(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-14DL

Sample wt/vol: 5.11 (g/mL) g Lab File ID: P6033158.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	630	UD
11104-28-2	Aroclor-1221	630	UD
11141-16-5	Aroclor-1232	630	UD
53469-21-9	Aroclor-1242	4800	UD
12672-29-6	Aroclor-1248	630	UD
11097-69-1	Aroclor-1254	630	UD
11096-82-5	Aroclor-1260	630	UD

Comments:

new
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-17Sample wt/vol: 5.08 (g/mL) g Lab File ID: P6033089.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	130	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	130	U
53469-21-9	Aroclor-1242	~~13000~~ <u>37000</u>	~~U~~
12672-29-6	Aroclor-1248	130	U
11097-69-1	Aroclor-1254	130	U
11096-82-5	Aroclor-1260	130	U

Comments: _____

FORM I PEST

hw
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102(0-4)DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-17DLSample wt/vol: 5.08 (g/mL) g Lab File ID: P6033159.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 23 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 20GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	2600	UD
11104-28-2	Aroclor-1221	2600	UD
11141-16-5	Aroclor-1232	2600	UD
53469-21-9	Aroclor-1242	37000	UD
12672-29-6	Aroclor-1248	2600	UD
11097-69-1	Aroclor-1254	2600	UD
11096-82-5	Aroclor-1260	2600	UD

Comments: _____

FORM I PEST

11/8/10

Use
original



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Sample wt/vol: 5.11 (g/mL) g Lab File ID: P6033094.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	150	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	150	U
53469-21-9	Aroclor-1242	~~25000~~ 69000	~~U~~
12672-29-6	Aroclor-1248	150	U
11097-69-1	Aroclor-1254	150	U
11096-82-5	Aroclor-1260	150	U

Comments: _____

18DL

CHEMTECH

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18DL

Sample wt/vol: 5.11 (g/mL) g Lab File ID: P6033160.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	7400	UI
11104-28-2	Aroclor-1221	7400	UI
11141-16-5	Aroclor-1232	7400	UI
53469-21-9	Aroclor-1242	69000	UI
12672-29-6	Aroclor-1248	7400	UI
11097-69-1	Aroclor-1254	7400	UI
11096-82-5	Aroclor-1260	7400	UI

Comments:

WJ
118/110

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19

Sample wt/vol: 5.06 (g/mL) g Lab File ID: P6033095.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 30 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	140	U
11104-28-2	Aroclor-1221	140	U
11141-16-5	Aroclor-1232	140	U
53469-21-9	Aroclor-1242	~~33000~~ 113000	~~U~~
12672-29-6	Aroclor-1248	140	U
11097-69-1	Aroclor-1254	140	U
11096-82-5	Aroclor-1260	140	U

Comments:

11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

19DL

EPA SAMPLE NO.

DUP-1DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-19DL

Sample wt/vol: 5.06 (g/mL) g Lab File ID: P6033161.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 30 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 100

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	14000	UD
11104-28-2	Aroclor-1221	14000	UD
11141-16-5	Aroclor-1232	14000	UD
53469-21-9	Aroclor-1242	110000	b
12672-29-6	Aroclor-1248	14000	UD
11097-69-1	Aroclor-1254	14000	UD
11096-82-5	Aroclor-1260	14000	UD

Comments: _____

11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

20

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-20

Sample wt/vol: 5.1 (g/mL) g Lab File ID: P6033096.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	130	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	130	U
53469-21-9	Aroclor-1242	~~14000~~ 26000	~~U~~
12672-29-6	Aroclor-1248	130	U
11097-69-1	Aroclor-1254	130	U
11096-82-5	Aroclor-1260	130	U

Comments: _____

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11/8/10

20DL

CHEMTECH

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011Matrix (soil/water): SOIL Lab Sample ID: A5011-20DLSample wt/vol: 5.1 (g/mL) g Lab File ID: P6033195.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09Injection Volume: 1 Dilution Factor: 20GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	2500	UD
11104-28-2	Aroclor-1221	2500	UD
11141-16-5	Aroclor-1232	2500	UD
53469-21-9	Aroclor-1242	26000	UD
12672-29-6	Aroclor-1248	2500	UD
11097-69-1	Aroclor-1254	2500	UD
11096-82-5	Aroclor-1260	2500	UD

Use
original

Comments: _____

new
11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21

Sample wt/vol: 5.06 (g/mL) g Lab File ID: P6033097.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~26000~~ 78000	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-21DL

Sample wt/vol: 5.06 (g/mL) g Lab File ID: P6033196.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	6100	UD
11104-28-2	Aroclor-1221	6100	UD
11141-16-5	Aroclor-1232	6100	UD
53469-21-9	Aroclor-1242	78000	UD
12672-29-6	Aroclor-1248	6100	UD
11097-69-1	Aroclor-1254	6100	UD
11096-82-5	Aroclor-1260	6100	UD

Use original

Comments:

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11/8/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(0-4)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P6033098.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	130	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	130	U
53469-21-9	Aroclor-1242	~~12000~~ <u>27000</u>	~~U~~
12672-29-6	Aroclor-1248	130	U
11097-69-1	Aroclor-1254	130	U
11096-82-5	Aroclor-1260	130	U

Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

2202

EPA SAMPLE NO.

SB-22(0-4)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5011 SAS No.: A5011 SDG No.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-22DL

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P6033197.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units: ug/Kg

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	2500	UD
11104-28-2	Aroclor-1221	2500	UD
11141-16-5	Aroclor-1232	2500	UD
53469-21-9	Aroclor-1242	27000	P
12672-29-6	Aroclor-1248	2500	UD
11097-69-1	Aroclor-1254	2500	UD
11096-82-5	Aroclor-1260	2500	UD

Comments: _____

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11/8/10

Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23 (0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
Matrix (soil/water): SOIL Lab Sample ID: A5011-01
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 80.7
Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11400			P
7440-36-0	Antimony	32.4			P
7440-38-2	Arsenic	7.460			P
7440-39-3	Barium	1080			P
7440-41-7	Beryllium	1.250			P
7440-43-9	Cadmium	40.9			P
7440-70-2	Calcium	32200			P
7440-47-3	Chromium	484			P
7440-48-4	Cobalt	26.9			P
7440-50-8	Copper	1060			P
7439-89-6	Iron	101000			P
7439-92-1	Lead	10900			P
7439-95-4	Magnesium	5770			P
7439-96-5	Manganese	749			P
7439-97-6	Mercury	15.100	P		CV
7440-02-0	Nickel	297			P
7440-09-7	Potassium	844			P
7782-49-2	Selenium	4.650			P
7440-22-4	Silver	0.69			P
7440-23-5	Sodium	1130			P
7440-28-0	Thallium	1.460	J		P
7440-62-2	Vanadium	133			P
7440-66-6	Zinc	6190			P

J
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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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DUP-2

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Comments: _____

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-27 (0-4)

Lab Name:	<u>Chemtech Consulting Group</u>	Contract:	<u>Gannett Fleming, Inc.</u>
Lab Code:	<u>CTECH</u>	Case No.:	<u>A5011</u>
		NRAS No.:	<u>A5011</u>
		SDG NO.:	<u>A5011</u>
Matrix (soil/water):	<u>SOIL</u>	Lab Sample ID:	<u>A5011-05</u>
Level (low/med):	<u>LOW</u>	Date Received:	<u>11/5/2009</u>
% Solids:	<u>80.8</u>		
Concentration Units (ug/L or mg/kg dry weight):		MG/KG	

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8860			P
7440-36-0	Antimony	26.7			P
7440-38-2	Arsenic	6.460			P
7440-39-3	Barium	732			P
7440-41-7	Beryllium	0.77			P
7440-43-9	Cadmium	23.3			P
7440-70-2	Calcium	58900			P
7440-47-3	Chromium	221			P
7440-48-4	Cobalt	13.3			P
7440-50-8	Copper	588			P
7439-89-6	Iron	64100			P
7439-92-1	Lead	4780			P
7439-95-4	Magnesium	19500			P
7439-96-5	Manganese	538			P
7439-97-6	Mercury	17.000	~~P~~		CV
7440-02-0	Nickel	161			P
7440-09-7	Potassium	1150			P
7782-49-2	Selenium	4.440			P
7440-22-4	Silver	0.56	U		P
7440-23-5	Sodium	1330			P
7440-28-0	Thallium	1.100	J		P
7440-62-2	Vanadium	89.3			P
7440-66-6	Zinc	3830			P

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>

Comments: _____

4

SB-26 (4-6)

% Solids: 88.5

J J J J J J

Comments: _____

7

Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-26(0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
Matrix (soil/water): SOIL Lab Sample ID: A5011-07
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 85.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4310			P
7440-36-0	Antimony	2.050	J		P
7440-38-2	Arsenic	9.120			P
7440-39-3	Barium	165			P
7440-41-7	Beryllium	0.44			P
7440-43-9	Cadmium	1.940			P
7440-70-2	Calcium	28300			P
7440-47-3	Chromium	26.0			P
7440-48-4	Cobalt	6.270			P
7440-50-8	Copper	176			P
7439-89-6	Iron	21300			P
7439-92-1	Lead	1680			P
7439-95-4	Magnesium	9500			P
7439-96-5	Manganese	278			P
7440-02-0	Nickel	19.2			P
7440-09-7	Potassium	509			P
7782-49-2	Selenium	1.930			P
7440-22-4	Silver	0.51	U		P
7440-23-5	Sodium	136			P
7440-28-0	Thallium	2.050	U		P
7440-62-2	Vanadium	21.5			P
7440-66-6	Zinc	289			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
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Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17 (4-6)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-08
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 72.7
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56800			P
7440-36-0	Antimony	2.090	J		P
7440-38-2	Arsenic	1.760			P
7440-39-3	Barium	349			P
7440-41-7	Beryllium	0.35	J		P
7440-43-9	Cadmium	3.670			P
7440-70-2	Calcium	56600			P
7440-47-3	Chromium	47.8			P
7440-48-4	Cobalt	4.130			P
7440-50-8	Copper	244			P
7439-89-6	Iron	13500			P
7439-92-1	Lead	1100			P
7439-95-4	Magnesium	5300			P
7439-96-5	Manganese	300			P
7439-97-6	Mercury	2.1	D		CV
7440-02-0	Nickel	27.0			P
7440-09-7	Potassium	564			P
7782-49-2	Selenium	1.350	J		P
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	291			P
7440-28-0	Thallium	2.750	U		P
7440-62-2	Vanadium	24.6			P
7440-66-6	Zinc	1140			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
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Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(4-6)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-09
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 76.0
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13700			P
7440-36-0	Antimony	11.1			P
7440-38-2	Arsenic	0.53	✓		P
7440-39-3	Barium	691			P
7440-41-7	Beryllium	0.77			P
7440-43-9	Cadmium	16.8			P
7440-70-2	Calcium	69600			P
7440-47-3	Chromium	155			P
7440-48-4	Cobalt	13.1			P
7440-50-8	Copper	2600			P
7439-89-6	Iron	65900			P
7439-92-1	Lead	2770			P
7439-95-4	Magnesium	18200			P
7439-96-5	Manganese	600			P
7439-97-6	Mercury	10.100	✓		CV
7440-02-0	Nickel	151			P
7440-09-7	Potassium	753			P
7782-49-2	Selenium	2.870			P
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	450			P
7440-28-0	Thallium	0.65	J		P
7440-62-2	Vanadium	45.5			P
7440-66-6	Zinc	2190			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

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Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-101(0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-10
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 77.4
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5710			P
7440-36-0	Antimony	2.370	J		P
7440-38-2	Arsenic	1.000			P
7440-39-3	Barium	405			P
7440-41-7	Beryllium	0.46			P
7440-43-9	Cadmium	5.520			P
7440-70-2	Calcium	55300			P
7440-47-3	Chromium	37.0			P
7440-48-4	Cobalt	4.980			P
7440-50-8	Copper	278			P
7439-89-6	Iron	31500			P
7439-92-1	Lead	475			P
7439-95-4	Magnesium	6500			P
7439-96-5	Manganese	311			P
7439-97-6	Mercury	5.7	D		CV
7440-02-0	Nickel	35.3			P
7440-09-7	Potassium	706			P
7782-49-2	Selenium	4.420			P
7440-22-4	Silver	0.50	U		P
7440-23-5	Sodium	415			P
7440-28-0	Thallium	0.29	J		P
7440-62-2	Vanadium	37.9			P
7440-66-6	Zinc	1470			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-23(8-10)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-11
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 81.1
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1170			P
7440-36-0	Antimony	3.080			P
7440-38-2	Arsenic	0.75	~~/~~		P
7440-39-3	Barium	35.8			P
7440-41-7	Beryllium	0.14	J		P
7440-43-9	Cadmium	0.38			P
7440-70-2	Calcium	9700			P
7440-47-3	Chromium	8.130			P
7440-48-4	Cobalt	2.050			P
7440-50-8	Copper	51.2			P
7439-89-6	Iron	3860			P
7439-92-1	Lead	191			P
7439-95-4	Magnesium	664			P
7439-96-5	Manganese	76.1			P
7439-97-6	Mercury	1.1	~~/~~		CV
7440-02-0	Nickel	7.530			P
7440-09-7	Potassium	488			P
7782-49-2	Selenium	0.83	J		P
7440-22-4	Silver	0.52	U		P
7440-23-5	Sodium	976			P
7440-28-0	Thallium	2.090	U		P
7440-62-2	Vanadium	11.4			P
7440-66-6	Zinc	92.2			P

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 Color After: Yellow Clarity After: _____ Artifacts: _____

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Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102 (4-6)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-12
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 61.2
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12100			P
7440-36-0	Antimony	62.4			P
7440-38-2	Arsenic	0.92	☒		P
7440-39-3	Barium	699			P
7440-41-7	Beryllium	1.770			P
7440-43-9	Cadmium	60.8			P
7440-70-2	Calcium	22100			P
7440-47-3	Chromium	1610			P
7440-48-4	Cobalt	36.2			P
7440-50-8	Copper	1910			P
7439-89-6	Iron	174000			P
7439-92-1	Lead	17200			P
7439-95-4	Magnesium	7090			P
7439-96-5	Manganese	1090			P
7439-97-6	Mercury	3.3	☒		CV
7440-02-0	Nickel	933			P
7440-09-7	Potassium	559			P
7782-49-2	Selenium	5.120			P
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	435			P
7440-28-0	Thallium	2.090	J		P
7440-62-2	Vanadium	161			P
7440-66-6	Zinc	7270			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-13
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 86.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8360			P
7440-36-0	Antimony	181			P
7440-38-2	Arsenic	9.850			P
7440-39-3	Barium	1250			P
7440-41-7	Beryllium	1.150			P
7440-43-9	Cadmium	41.3			P
7440-70-2	Calcium	26200			P
7440-47-3	Chromium	260			P
7440-48-4	Cobalt	19.6			P
7440-50-8	Copper	1100			P
7439-89-6	Iron	106000			P
7439-92-1	Lead	6130			P
7439-95-4	Magnesium	6950			P
7439-96-5	Manganese	916			P
7439-97-6	Mercury	7.3	☒		CV
7440-02-0	Nickel	310			P
7440-09-7	Potassium	937			P
7782-49-2	Selenium	2.930			P
7440-22-4	Silver	0.53	U		P
7440-23-5	Sodium	2050			P
7440-28-0	Thallium	0.91	J		P
7440-62-2	Vanadium	64.1			P
7440-66-6	Zinc	~~8167-261~~	~~OR~~	10700	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

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Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(4-7)DL

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-13DL
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 86.4

Use original

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7820		D	P
7440-36-0	Antimony	189		D	P
7440-38-2	Arsenic	13.5		D	P
7440-39-3	Barium	1290		D	P
7440-41-7	Beryllium	1.090	J	D	P
7440-43-9	Cadmium	38.9		D	P
7440-70-2	Calcium	28000		D	P
7440-47-3	Chromium	276		D	P
7440-48-4	Cobalt	19.8		D	P
7440-50-8	Copper	1200		D	P
7439-89-6	Iron	125000		D	P
7439-92-1	Lead	6480		D	P
7439-95-4	Magnesium	7330		D	P
7439-96-5	Manganese	1010		D	P
7440-02-0	Nickel	319		D	P
7440-09-7	Potassium	964	J	D	P
7782-49-2	Selenium	9.490	J	D	P
7440-22-4	Silver	5.310	U	D	P
7440-23-5	Sodium	2040		D	P
7440-28-0	Thallium	21.2	U	D	P
7440-62-2	Vanadium	66.3		D	P
7440-66-6	Zinc	10700		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

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Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18 (0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-14
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 79.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6880			P
7440-36-0	Antimony	2.550	J		P
7440-38-2	Arsenic	1.710			P
7440-39-3	Barium	341			P
7440-41-7	Beryllium	0.44			P
7440-43-9	Cadmium	2.910			P
7440-70-2	Calcium	65300			P
7440-47-3	Chromium	30.4			P
7440-48-4	Cobalt	7.080			P
7440-50-8	Copper	899			P
7439-89-6	Iron	23400			P
7439-92-1	Lead	397			P
7439-95-4	Magnesium	7110			P
7439-96-5	Manganese	266			P
7439-97-6	Mercury	4.4	~~P~~		CV
7440-02-0	Nickel	29.5			P
7440-09-7	Potassium	2200			P
7782-49-2	Selenium	1.440			P
7440-22-4	Silver	0.63	U		P
7440-23-5	Sodium	332			P
7440-28-0	Thallium	0.55	J		P
7440-62-2	Vanadium	21.7			P
7440-66-6	Zinc	1110			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-102 (0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-17
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 76.7
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4670			P
7440-36-0	Antimony	6.610			P
7440-38-2	Arsenic	1.310			P
7440-39-3	Barium	389			P
7440-41-7	Beryllium	0.42			P
7440-43-9	Cadmium	8.630			P
7440-70-2	Calcium	28200			P
7440-47-3	Chromium	56.4			P
7440-48-4	Cobalt	7.680			P
7440-50-8	Copper	355			P
7439-89-6	Iron	36300			P
7439-92-1	Lead	968			P
7439-95-4	Magnesium	2530			P
7439-96-5	Manganese	281			P
7439-97-6	Mercury	3.4	~~P~~		CV
7440-02-0	Nickel	78.3			P
7440-09-7	Potassium	529			P
7782-49-2	Selenium	2.070			P
7440-22-4	Silver	0.43	U		P
7440-23-5	Sodium	389			P
7440-28-0	Thallium	0.31	J		P
7440-62-2	Vanadium	32.1			P
7440-66-6	Zinc	3030			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17 (0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.

Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011

Matrix (soil/water): SOIL Lab Sample ID: A5011-18

Level (low/med): LOW Date Received: 11/5/2009

% Solids: 66.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11300			P
7440-36-0	Antimony	16.1			P
7440-38-2	Arsenic	4.790			P
7440-39-3	Barium	706			P
7440-41-7	Beryllium	1.100			P
7440-43-9	Cadmium	27.4			P
7440-70-2	Calcium	87400			P
7440-47-3	Chromium	104			P
7440-48-4	Cobalt	22.9			P
7440-50-8	Copper	1540			P
7439-89-6	Iron	48500			P
7439-92-1	Lead	1340			P
7439-95-4	Magnesium	6160			P
7439-96-5	Manganese	526			P
7439-97-6	Mercury	7.3	~~D~~		CV
7439-97-6	Mercury	7.6	~~D~~		CV
7440-02-0	Nickel	216			P
7440-09-7	Potassium	837			P
7782-49-2	Selenium	3.220			P
7440-22-4	Silver	0.58	U		P
7440-23-5	Sodium	622			P
7440-28-0	Thallium	0.60	J		P
7440-62-2	Vanadium	42.4			P

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Color Before: Brown Clarity Before: Texture: Medium

Color After: Yellow Clarity After: Artifacts:

Comments: _____

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17 (0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-18
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 66.7
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-66-6	Zinc	~~9477-224~~	~~OR~~	12300	P

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 Color After: Yellow Clarity After: _____ Artifacts: _____

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-17(0-4)DL

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-18DL
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 66.7

Use original

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10300		D	P
7440-36-0	Antimony	17.3	J	D	P
7440-38-2	Arsenic	5.120	J	D	P
7440-39-3	Barium	705		D	P
7440-41-7	Beryllium	1.200	J	D	P
7440-43-9	Cadmium	26.2		D	P
7440-70-2	Calcium	89900		D	P
7440-47-3	Chromium	106		D	P
7440-48-4	Cobalt	22.4		D	P
7440-50-8	Copper	1620		D	P
7439-89-6	Iron	52500		D	P
7439-92-1	Lead	1330		D	P
7439-95-4	Magnesium	6300		D	P
7439-96-5	Manganese	560		D	P
7440-02-0	Nickel	213		D	P
7440-09-7	Potassium	801	J	D	P
7782-49-2	Selenium	5.330	J	D	P
7440-22-4	Silver	5.770	U	D	P
7440-23-5	Sodium	576	J	D	P
7440-28-0	Thallium	23.1	U	D	P
7440-62-2	Vanadium	43.6		D	P
7440-66-6	Zinc	12300		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
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Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-1

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-19
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 69.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6890			P
7440-36-0	Antimony	11.7			P
7440-38-2	Arsenic	2.220			P
7440-39-3	Barium	469			P
7440-41-7	Beryllium	0.64			P
7440-43-9	Cadmium	27.1			P
7440-70-2	Calcium	86800			P
7440-47-3	Chromium	51.8			P
7440-48-4	Cobalt	12.2			P
7440-50-8	Copper	717			P
7439-89-6	Iron	31700			P
7439-92-1	Lead	834			P
7439-95-4	Magnesium	5150			P
7439-96-5	Manganese	514			P
7439-97-6	Mercury	7.2	Ø		CV
7440-02-0	Nickel	108			P
7440-09-7	Potassium	1200			P
7782-49-2	Selenium	2.460			P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	498			P
7440-28-0	Thallium	2.810	U		P
7440-62-2	Vanadium	30.7			P
7440-66-6	Zinc	8080			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

20

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-16(0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-20
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 79.2
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6290			P
7440-36-0	Antimony	5.100			P
7440-38-2	Arsenic	1.500			P
7440-39-3	Barium	488			P
7440-41-7	Beryllium	0.50			P
7440-43-9	Cadmium	11.1			P
7440-70-2	Calcium	87500			P
7440-47-3	Chromium	54.3			P
7440-48-4	Cobalt	8.300			P
7440-50-8	Copper	597			P
7439-89-6	Iron	34200			P
7439-92-1	Lead	1220			P
7439-95-4	Magnesium	5490			P
7439-96-5	Manganese	358			P
7439-97-6	Mercury	1.9	~~P~~		CV
7440-02-0	Nickel	60.2			P
7440-09-7	Potassium	749			P
7782-49-2	Selenium	2.480			P
7440-22-4	Silver	0.49	U		P
7440-23-5	Sodium	517			P
7440-28-0	Thallium	0.33	J		P
7440-62-2	Vanadium	27.3			P
7440-66-6	Zinc	2450			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
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Comments: _____

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Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22 (4-7.5)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-21
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 82.6
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8070			P
7440-36-0	Antimony	73.3			P
7440-38-2	Arsenic	28.1			P
7440-39-3	Barium	1980			P
7440-41-7	Beryllium	1.570			P
7440-43-9	Cadmium	44.5			P
7440-70-2	Calcium	18900			P
7440-47-3	Chromium	379			P
7440-48-4	Cobalt	33.7			P
7440-50-8	Copper	1260			P
7439-89-6	Iron	139000			P
7439-92-1	Lead	8940			P
7439-95-4	Magnesium	5510			P
7439-96-5	Manganese	1030			P
7439-97-6	Mercury	4.1	D		CV
7440-02-0	Nickel	334			P
7440-09-7	Potassium	785			P
7782-49-2	Selenium	3.100			P
7440-22-4	Silver	0.52	U		P
7440-23-5	Sodium	1440			P
7440-28-0	Thallium	3.510			P
7440-62-2	Vanadium	255			P
7440-66-6	Zinc	~~7659 473~~	~~OR~~	9120	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

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Metals
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(4-7.5)DL

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-21DL
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 82.6
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

Use original

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7290		D	P
7440-36-0	Antimony	75.0		D	P
7440-38-2	Arsenic	31.4		D	P
7440-39-3	Barium	2030		D	P
7440-41-7	Beryllium	1.370	J	D	P
7440-43-9	Cadmium	38.9		D	P
7440-70-2	Calcium	19700		D	P
7440-47-3	Chromium	395		D	P
7440-48-4	Cobalt	32.8		D	P
7440-50-8	Copper	1330		D	P
7439-89-6	Iron	164000		D	P
7439-92-1	Lead	9270		D	P
7439-95-4	Magnesium	5620		D	P
7439-96-5	Manganese	1100		D	P
7440-02-0	Nickel	330		D	P
7440-09-7	Potassium	764	J	D	P
7782-49-2	Selenium	9.480	J	D	P
7440-22-4	Silver	5.220	U	D	P
7440-23-5	Sodium	1390		D	P
7440-28-0	Thallium	5.760	J	D	P
7440-62-2	Vanadium	257		D	P
7440-66-6	Zinc	9720		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22 (0-4)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-22
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 80.3
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9270			P
7440-36-0	Antimony	25.3			P
7440-38-2	Arsenic	6.960			P
7440-39-3	Barium	1050			P
7440-41-7	Beryllium	1.140			P
7440-43-9	Cadmium	32.5			P
7440-70-2	Calcium	41900			P
7440-47-3	Chromium	411			P
7440-48-4	Cobalt	38.3			P
7440-50-8	Copper	755			P
7439-89-6	Iron	89200			P
7439-92-1	Lead	~~23437.11~~	OR	110000	P
7439-95-4	Magnesium	6050			P
7439-96-5	Manganese	713			P
7439-97-6	Mercury	4.1	P		CV
7440-02-0	Nickel	370			P
7440-09-7	Potassium	808			P
7782-49-2	Selenium	2.480			P
7440-22-4	Silver	20.5			P
7440-23-5	Sodium	581			P
7440-28-0	Thallium	0.80	J		P
7440-62-2	Vanadium	83.8			P
7440-66-6	Zinc	~~5964.466~~	OR	8070	P

Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

22DL

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-22(0-4)DL

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5011 NRAS No.: A5011 SDG NO.: A5011
 Matrix (soil/water): SOIL Lab Sample ID: A5011-22DL
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 80.3
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

Use original

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8880		D	P
7440-36-0	Antimony	26.6		D	P
7440-38-2	Arsenic	12.3		D	P
7440-39-3	Barium	1160		D	P
7440-41-7	Beryllium	1.040	J	D	P
7440-43-9	Cadmium	30.6		D	P
7440-70-2	Calcium	46200		D	P
7440-47-3	Chromium	463		D	P
7440-48-4	Cobalt	39.3		D	P
7440-50-8	Copper	847		D	P
7439-89-6	Iron	110000		D	P
7439-92-1	Lead	25600		D	P
7439-95-4	Magnesium	6540		D	P
7439-96-5	Manganese	814		D	P
7440-02-0	Nickel	389		D	P
7440-09-7	Potassium	837		D	P
7782-49-2	Selenium	7.400	J	D	P
7440-22-4	Silver	20.8		D	P
7440-23-5	Sodium	595	J	D	P
7440-28-0	Thallium	16.6	U	D	P
7440-62-2	Vanadium	92.1		D	P
7440-66-6	Zinc	8070		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

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**DATA USABILITY SUMMARY REPORT
FRITO-LAY SITE, BROOKLYN, NEW YORK**

Client: Gannett Fleming Engineers, LLC, Hamilton, New Jersey
SDG: A5023
Laboratory: ChemTech, Mountainside, New Jersey
Site: Frito-Lay Site, Brooklyn, New York
Date: January 9, 2010

VOC			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-25-01-0-4-110409	A5023-01	Soil
2	SB-20-01-4-6-110409	A5023-02	Soil
3	SB-28-01-0-4-110409	A5023-03	Soil
4	SB-21-01-0-2-110409	A5023-04	Soil
5	SB-24-01-0-2-110409	A5023-05	Soil
6	SB-19-01-0-4-110409	A5023-06	Soil
7	SB-19-01-4-6-110409	A5023-07	Soil
8	SB-20-01-0-4-110409	A5023-08	Soil
8RE	SB-20-01-0-4-110409RE	A5023-08RE	Soil
9	SB-28-01-4-8-110409	A5023-09	Soil
10	FB-11-04-09	A5023-10	Water
11	TRIPBLANK	A5023-11	Water
12	FB-11-05-09	A5023-12	Water
13	SB-18(4-6)	A5023-13	Soil

SVOC			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-25-01-0-4-110409	A5023-01	Soil
2	SB-20-01-4-6-110409	A5023-02	Soil
2DL	SB-20-01-4-6-110409DL	A5023-02DL	Soil
3	SB-28-01-0-4-110409	A5023-03	Soil
4	SB-21-01-0-2-110409	A5023-04	Soil
5	SB-24-01-0-2-110409	A5023-05	Soil
6	SB-19-01-0-4-110409	A5023-06	Soil
7	SB-19-01-4-6-110409	A5023-07	Soil
8	SB-20-01-0-4-110409	A5023-08	Soil
8DL	SB-20-01-0-4-110409DL	A5023-08DL	Soil
9	SB-28-01-4-8-110409	A5023-09	Soil
9RE	SB-28-01-4-8-110409RE	A5023-09RE	Soil
9MS	SB-28-01-4-8-110409MS	A5023-09MS	Soil
9MSD	SB-28-01-4-8-110409MSD	A5023-09MSD	Soil
10	FB-11-04-09	A5023-10	Water
12	FB-11-05-09	A5023-12	Water
13	SB-18(4-6)	A5023-13	Soil

Pesticides			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-25-01-0-4-110409	A5023-01	Soil

Pesticides			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
2	SB-20-01-4-6-110409	A5023-02	Soil
3	SB-28-01-0-4-110409	A5023-03	Soil
3RE	SB-28-01-0-4-110409RE	A5023-03RE	Soil
4	SB-21-01-0-2-110409	A5023-04	Soil
5	SB-24-01-0-2-110409	A5023-05	Soil
5MS	SB-24-01-0-2-110409MS	A5023-05MS	Soil
5MSD	SB-24-01-0-2-110409MSD	A5023-05MSD	Soil
6	SB-19-01-0-4-110409	A5023-06	Soil
7	SB-19-01-4-6-110409	A5023-07	Soil
8	SB-20-01-0-4-110409	A5023-08	Soil
9	SB-28-01-4-8-110409	A5023-09	Soil
10	FB-11-04-09	A5023-10	Water
12	FB-11-05-09	A5023-12	Water
13	SB-18(4-6)	A5023-13	Soil

PCB			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-25-01-0-4-110409	A5023-01	Soil
2	SB-20-01-4-6-110409	A5023-02	Soil
2DL	SB-20-01-4-6-110409DL	A5023-02DL	Soil
3	SB-28-01-0-4-110409	A5023-03	Soil
3DL	SB-28-01-0-4-110409DL	A5023-03DL	Soil
4	SB-21-01-0-2-110409	A5023-04	Soil
4DL	SB-21-01-0-2-110409DL	A5023-04DL	Soil
5	SB-24-01-0-2-110409	A5023-05	Soil
5DL	SB-24-01-0-2-110409DL	A5023-05DL	Soil
5MS	SB-24-01-0-2-110409MS	A5023-05MS	Soil
5MSD	SB-24-01-0-2-110409MSD	A5023-05MSD	Soil
6	SB-19-01-0-4-110409	A5023-06	Soil
6DL	SB-19-01-0-4-110409DL	A5023-06DL	Soil
7	SB-19-01-4-6-110409	A5023-07	Soil
7DL	SB-19-01-4-6-110409DL	A5023-07DL	Soil
8	SB-20-01-0-4-110409	A5023-08	Soil
8DL	SB-20-01-0-4-110409DL	A5023-08DL	Soil
9	SB-28-01-4-8-110409	A5023-09	Soil
10	FB-11-04-09	A5023-10	Water
12	FB-11-05-09	A5023-12	Water
13	SB-18(4-6)	A5023-13	Soil
13DL	SB-18(4-6)DL	A5023-13DL	Soil

Metals			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SB-25-01-0-4-110409	A5023-01	Soil
1DL	SB-25-01-0-4-110409DL	A5023-01DL	Soil
2	SB-20-01-4-6-110409	A5023-02	Soil
3	SB-28-01-0-4-110409	A5023-03	Soil
3DL	SB-28-01-0-4-110409DL	A5023-03DL	Soil
4	SB-21-01-0-2-110409	A5023-04	Soil
5	SB-24-01-0-2-110409	A5023-05	Soil
5DL	SB-24-01-0-2-110409DL	A5023-05DL	Soil
6	SB-19-01-0-4-110409	A5023-06	Soil

Metals			
7	SB-19-01-4-6-110409	A5023-07	Soil
7DL	SB-19-01-4-6-110409DL	A5023-07DL	Soil
8	SB-20-01-0-4-110409	A5023-08	Soil
9	SB-28-01-4-8-110409	A5023-09	Soil
10	FB-11-04-09	A5023-10	Water
12	FB-11-05-09	A5023-12	Water
13	SB-18(4-6)	A5023-13	Soil

A Data Usability Summary Review was performed on the analytical data for ten soil samples, two aqueous equipment field blank samples and one aqueous trip blank sample collected by Gannett Fleming Engineers at the Frito-Lay Site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *“Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions”*.

Specific method references are as follows:

Analysis

VOCs
SVOCs
Pesticides
PCB
Metals
Mercury

Method References

USEPA SW-846 Method 8260B
USEPA SW-846 Method 8270C
USEPA SW-846 Method 8081
USEPA SW-846 Method 8082
USEPA SW-846 Method 6010B
USEPA Method 245.1

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries

- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were several rejections of data.

- Several SVOC compounds were rejected in one sample due to a severely low surrogate recovery.
- One SVOC compound was rejected in one sample due to a severely low MS/MSD recovery.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- Nine VOC compounds were qualified as estimated in three samples due to high continuing calibration %D values.
- Several VOC compounds were qualified as estimated in one sample and one reanalysis sample due to low internal standard recoveries.
- Several SVOC compounds were qualified as estimated in one sample and one reanalysis sample due to low surrogate recoveries.
- Several SVOC compounds were qualified as estimated in one sample due to low MS/MSD recoveries.
- One SVOC compound was qualified as nondetected in four samples due to method blank contamination.
- Several SVOC compounds were qualified as estimated in several samples due to high continuing calibration %D values.

- One pesticide compound was qualified as estimated in one sample due to a high surrogate recovery.
- Several PCB compounds were qualified as estimated in several samples due to high surrogate recoveries.
- One metals compound was qualified as estimated in all samples due to a low MS recovery.
- One metals compound was qualified as nondetected in several samples due to method blank contamination.
- Two metals compounds were qualified as nondetected in several samples due to field blank contamination.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not analyzed for VOCs.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
BSG1112W3	Chloroethane	150%	None	All ND
	Trichlorofluoromethane	200%		

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB-11-04-09	None - ND	-	-	-	-
TRIPBLANK	None - ND	-	-	-	-
FB-11-05-09	Methylene chloride	3.7	37	None	All ND

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/12/09	Chloroethane	25.2%	J/UJ	10-12
	Carbon disulfide	20.3%		
	Methyl acetate	21.8%		
	Methyl tert-butyl ether	22.7%		
	1,2-Dichloroethane	25.4%		
	t-1,3-Dichloropropene	21.4%		
	Tetrachloroethene	22.4%		
	Trichlorofluoromethane	75.3%		
	Acetone	43.7%		

Compound Quantitation

- One sample exhibited internal standard deficiencies. The sample was reanalyzed with similar results. The original analysis results should be used for reporting.

Internal Standard (IS) Area Performance

- The following table presents samples that exceeded the -50%/+100% area criteria for internal standard areas. Non-detected results for the associated compounds are considered estimated and qualified (UJ). Positive results for the associated compounds are considered estimated and qualified (J). Non-detected compounds that exceed the lower limit by -25% area criteria are considered rejected (R) and unusable for project objectives.

Sample ID	Internal Standard	Area Count	Qualifier
8	IS4=1,4-Dichlorobenzene-d4	Low	J/UJ
8RE	IS4=1,4-Dichlorobenzene-d4	Low	J/UJ

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- The following table presents samples that exhibited surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
9	2-Fluorophenol	15%	J/R - acid compounds
	2,4,6-Tribromophenol	7%	
9RE	2-Fluorophenol	17%	J/UJ - acid compounds
	2,4,6-Tribromophenol	10%	

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
9	2-Chlorophenol	31%/Ok/Ok	None - See surrogates
	2-Nitrophenol	10%/17%/52	
	2,4-Dichlorophenol	25%/Ok/Ok	
	Hexachlorocyclopentadiene	0%/0%/Ok	J/R
	2,4,6-Trichlorophenol	8%/16%/67	None - See surrogates
	2,4,5-Trichlorophenol	11%/20%/58	
	4-Nitrophenol	5%/9%/57	
	Pentachlorophenol	3%/8%/91	
	Phenanthrene	Ok/183%/144	J
	Anthracene	Ok/Ok/53	J/UJ
	Fluoranthene	22%/204%/161	J

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
9 (cont.)	Pyrene	-4%/209%/208	J
	Benzo(a)anthracene	Ok/165%/97	
	Chrysene	Ok/170%/89	
	Benzo(b)fluoranthene	Ok/196%/121	
	Benzo(a)pyrene	Ok/170%/112	
	Benzo(g,h,i)perylene	Ok/183%/89	

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of phthalates (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
PB45935B	Dimethylphthalate	79	790	U	4, 8DL, 9, 9RE

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB-11-04-09	None - ND	-	-	-	-
FB-11-05-09	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/10/09	Benzaldehyde	29.9%	J/UJ	10, 12
11/12/09	Benzaldehyde	22.6%	J/UJ	1-9, 13
11/13/09	Hexachlorocyclopentadiene	49.0%	J/UJ	2DL, 8DL, 9RE
	2,4-Dinitrophenol	56.7%		
	4,6-Dinitro-2-methylphenol	50.4%		

Compound Quantitation

- One sample exhibited surrogate deficiencies. The sample was reanalyzed with slightly better recoveries. The reanalysis results should be used for reporting purposes.
- Two samples exhibited compounds over the linear range of the instrument and were flagged (E) by the laboratory. The samples were diluted and reanalyzed and the dilution results for these compounds should be used for reporting.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for preserved water, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- The following table presents samples that exhibited surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
2 Pest	TCX1/TCX2/DCB1/DCB2	210%/Ok/Ok/Ok	J - Positive results
2 PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/389%	None - Dilution used
2DL PCB	TCX1/TCX2/DCB1/DCB2	202%/183%/129%/704%	J
3 Pest	TCX1/TCX2/DCB1/DCB2	348%/278%/Ok/Ok	None - All ND
3 PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/201%	None - Dilution used
3DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/221%/322%	J
3RE Pest	TCX1/TCX2/DCB1/DCB2	343%/317%/Ok/Ok	None - All ND
4 PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/396%	None - Dilution used
4DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/350%	J
5 Pest	TCX1/TCX2/DCB1/DCB2	825%/Ok/Ok/Ok	None - All ND
5DL PCB	TCX1/TCX2/DCB1/DCB2	0%/0%/0%/0%	None - Dilution used
6 Pest	TCX1/TCX2/DCB1/DCB2	Ok/183%/Ok/Ok	None - All ND
6DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/468%/Ok	J
7 PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/202%	None - Dilution used
7DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/185%	J
8DL PCB	TCX1/TCX2/DCB1/DCB2	Ok/Ok/Ok/195%	J

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
5 Pest	30 out of 40 Spike Recovery	High	None - All ND
5 PCB	Aroclor 1260	1616%/2624%/48	None - All ND
	Aroclor 1016	7576%/9788%/25	

Laboratory Control Samples

- The LCS sample exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Compound Quantitation

- Several samples exhibited pesticide/PCB results with >25 %D values between columns and have been flagged (P) by the laboratory and further qualified (J) by the reviewer.
- One pesticide sample was reanalyzed due to surrogate recovery deficiencies. The reanalysis exhibited similar results and the original analysis results should be used for reporting.
- Several PCB samples exhibited compounds over the linear range of the instrument and were flagged (E) by the laboratory. The samples were diluted and reanalyzed and the dilution results for these compounds should be used for reporting.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB-11-04-09	None - ND	-	-	-	-
FB-11-05-09	None - ND	-	-	-	-

Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

GC Column Difference Results

- All criteria were met.

Metals

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 28 days for mercury and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
1	Mercury	45.2%/Ok/Ok	J/UJ

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. mg/kg	Action Level mg/kg	Qualifier	Affected Samples
Metals Blank	Aluminum	18.52	185.2	None	All >5X
	Mercury	0.003	0.03		

Field Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. ug/L	Action Level mg/kg	Qualifier	Affected Samples
FB-11-04-09	Aluminum	48.2	48.2	None	All >10X
	Calcium	2740	2740		
	Iron	48.8	48.8		
	Magnesium	600	600		
	Manganese	2.780	2.780	U	1-9, 3DL, 5DL, 7DL
	Potassium	72.5	72.5	None	All >10X
	Sodium	340	340	U	1, 1DL, 7, 7DL, 9
FB-11-05-09	Aluminum	16.9	16.9	None	All >10X
	Calcium	3200	3200		
	Copper	6.680	6.680		
	Iron	64.1	64.1		
	Magnesium	683	683		
	Manganese	1760	1760		
	Potassium	82.4	82.4		
	Sodium	415	415		
	Zinc	6.960	6.960		

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- Four samples exhibited lead and zinc over the calibration range (OR) of the instrument. The samples were diluted and reanalyzed and the dilution results for lead and zinc should be used for reporting.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits.

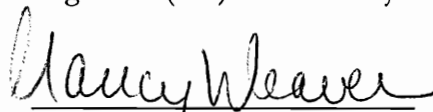
Field Duplicate Sample Precision

- Field duplicate samples were not included in this data package.

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:



Nancy Weaver
Senior Chemist

Dated: 1/14/10

Data Qualifiers

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-01Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036118.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: not dec. 17 Date Analyzed: 11/16/09GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	30	U
75-15-0	Carbon Disulfide	2.8	J
1634-04-4	Methyl tert-butyl Ether	6	U
79-20-9	Methyl Acetate	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
110-82-7	Cyclohexane	6	U
78-93-3	2-Butanone	30	U
56-23-5	Carbon Tetrachloride	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
108-87-2	Methylcyclohexane	6.5	
71-43-2	Benzene	6	U
107-06-2	1,2-Dichloroethane	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U

NW
11/9/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-01

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036118.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

108-10-1	4-Methyl-2-Pentanone	30	U
108-88-3	Toluene	6	U
10061-02-6	t-1,3-Dichloropropene	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
127-18-4	Tetrachloroethene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethyl Benzene	6	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-Chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U



-1E-

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-01

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036118.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/16/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 11 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
002051-30-1	Octane, 2,6-dimethyl-	6.92	14	J
017301-94-9	Nonane, 4-methyl-	7.32	8.0	J
006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	7.47	12	J
108-67-8	1,3,5-Trimethylbenzene	7.95	8.9	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	8.12	18	J
001678-93-9	Cyclohexane, butyl-	8.28	7.7	J
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	8.83	11	J
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl	9.12	9.6	J
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	9.76	14	J
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethy	10	11	J
080655-44-3	Decahydro-4,4,8,9,10-pentamethylna	11.39	7.7	J

FORM 1 SV-TIC

11/9/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02

Sample wt/vol: 5.04 (g/mL) g Lab File ID: VK036119.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	6.1	U
74-83-9	Bromomethane	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	6.1	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.1	U
75-35-4	1,1-Dichloroethene	6.1	U
67-64-1	Acetone	31	U
75-15-0	Carbon Disulfide	8.3	
1634-04-4	Methyl tert-butyl Ether	4.4	J
79-20-9	Methyl Acetate	6.1	U
75-09-2	Methylene Chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
78-93-3	2-Butanone	31	U
56-23-5	Carbon Tetrachloride	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
108-87-2	Methylcyclohexane	6.5	
71-43-2	Benzene	6.1	U
107-06-2	1,2-Dichloroethane	6.1	U
79-01-6	Trichloroethene	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
108-10-1	4-Methyl-2-Pentanone	31	U
108-88-3	Toluene	7.3	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02

Sample wt/vol: 5.04 (g/mL) g Lab File ID: VK036119.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U
79-00-5	1,1,2-Trichloroethane	6.1	U
591-78-6	2-Hexanone	31	U
124-48-1	Dibromochloromethane	6.1	U
106-93-4	1,2-Dibromoethane	6.1	U
127-18-4	Tetrachloroethene	3.2	J
108-90-7	Chlorobenzene	6.1	U
100-41-4	Ethyl Benzene	18	
179601-23-1	m/p-Xylenes	19	
95-47-6	o-Xylene	39	
100-42-5	Styrene	6.1	U
75-25-2	Bromoform	6.1	U
98-82-8	Isopropylbenzene	23	
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U
541-73-1	1,3-Dichlorobenzene	6.1	U
106-46-7	1,4-Dichlorobenzene	6.1	U
95-50-1	1,2-Dichlorobenzene	6.1	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.1	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U

Handwritten:
11/9/10

SOIL VOLATILE ANALYSIS TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02

Sample wt/vol: 5.04 (g/mL) g Lab File ID: VK036119.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 19 Date Analyzed: 11/16/09

GC Column: RTX-VM6 ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 20 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	Tert butyl alcohol	2.07	58	J
006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	7.47	98	J
103-65-1	n-propylbenzene	7.75	31	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	7.85	81	J
108-67-8	1,3,5-Trimethylbenzene	7.95	35	J
002847-72-5	Decane, 4-methyl-	8.1	160	J
98-06-6	tert-Butylbenzene	8.22	2.8	J
95-63-6	1,2,4-Trimethylbenzene	8.28	210	J
135-98-8	sec-Butylbenzene	8.37	25	J
99-87-6	p-Isopropyltoluene	8.51	18	J
000526-73-8	Benzene, 1,2,3-trimethyl-	8.64	110	J
000135-01-3	Benzene, 1,2-diethyl-	8.75	39	J
104-51-8	n-Butylbenzene	8.84	29	J
001074-55-1	Benzene, 1-methyl-4-propyl-	8.99	47	J
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	9.06	80	J
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl	9.12	59	J
95-93-2	1,2,4,5-tetramethylbenzene	9.42	28	J
000112-40-3	Dodecane	9.62	43	J
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	9.73	58	J
91-20-3	Naphthalene	10.26	58	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036120.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 12 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.7	U
74-87-3	Chloromethane	5.7	U
75-01-4	Vinyl Chloride	5.7	U
74-83-9	Bromomethane	5.7	U
75-00-3	Chloroethane	5.7	U
75-69-4	Trichlorofluoromethane	5.7	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.7	U
75-35-4	1,1-Dichloroethene	5.7	U
67-64-1	Acetone	28	U
75-15-0	Carbon Disulfide	5.7	U
1634-04-4	Methyl tert-butyl Ether	5.7	U
79-20-9	Methyl Acetate	5.7	U
75-09-2	Methylene Chloride	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	U
75-34-3	1,1-Dichloroethane	5.7	U
110-82-7	Cyclohexane	5.7	U
78-93-3	2-Butanone	28	U
56-23-5	Carbon Tetrachloride	5.7	U
156-59-2	cis-1,2-Dichloroethene	5.7	U
67-66-3	Chloroform	5.7	U
71-55-6	1,1,1-Trichloroethane	5.7	U
108-87-2	Methylcyclohexane	5.7	U
71-43-2	Benzene	5.7	U
107-06-2	1,2-Dichloroethane	5.7	U
79-01-6	Trichloroethene	5.7	U
78-87-5	1,2-Dichloropropane	5.7	U
75-27-4	Bromodichloromethane	5.7	U
108-10-1	4-Methyl-2-Pentanone	28	U
108-88-3	Toluene	5.7	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036120.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 12 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	U
591-78-6	2-Hexanone	28	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
108-90-7	Chlorobenzene	5.7	U
100-41-4	Ethyl Benzene	5.7	U
179601-23-1	m/p-Xylenes	11	U
95-47-6	o-Xylene	5.7	U
100-42-5	Styrene	5.7	U
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VK036121.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 15 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl Chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	U
67-64-1	Acetone	81	
75-15-0	Carbon Disulfide	3.7	J
1634-04-4	Methyl tert-butyl Ether	5.9	U
79-20-9	Methyl Acetate	5.9	U
75-09-2	Methylene Chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
78-93-3	2-Butanone	20	J
56-23-5	Carbon Tetrachloride	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
108-87-2	Methylcyclohexane	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
79-01-6	Trichloroethene	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
108-10-1	4-Methyl-2-Pentanone	29	U
108-88-3	Toluene	40	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VK036121.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 15 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U
79-00-5	1,1,2-Trichloroethane	5.9	U
591-78-6	2-Hexanone	29	U
124-48-1	Dibromochloromethane	5.9	U
106-93-4	1,2-Dibromoethane	5.9	U
127-18-4	Tetrachloroethene	76	
108-90-7	Chlorobenzene	5.9	U
100-41-4	Ethyl Benzene	26	
179601-23-1	m/p-Xylenes	55	
95-47-6	o-Xylene	32	
100-42-5	Styrene	33	
75-25-2	Bromoform	5.9	U
98-82-8	Isopropylbenzene	8.4	
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U
541-73-1	1,3-Dichlorobenzene	5.9	U
106-46-7	1,4-Dichlorobenzene	5.9	U
95-50-1	1,2-Dichlorobenzene	5.9	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U
120-82-1	1,2,4-Trichlorobenzene	5.9	U

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VK036121.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 15 Date Analyzed: 11/16/09

GC Column: RTX-VM6 ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 19 Concentration Units: ug/Kg

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	Tert butyl alcohol	2.07	25	J
103-65-1	n-propylbenzene	7.75	11	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	7.86	42	J
108-67-8	1,3,5-Trimethylbenzene	7.95	23	J
000095-63-6	Benzene, 1,2,4-trimethyl-	8.12	42	J
95-63-6	1,2,4-Trimethylbenzene	8.29	74	J
135-98-8	sec-Butylbenzene	8.37	3.4	J
99-87-6	p-Isopropyltoluene	8.51	5.1	J
000496-11-7	Indane	8.74	29	J
104-51-8	n-Butylbenzene	8.84	7.7	J
000104-76-7	1-Hexanol, 2-ethyl-	8.94	84	J
95-93-2	1,2,4,5-tetramethylbenzene	9.42	14	J
000112-40-3	Dodecane	9.62	49	J
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	9.73	51	J
056253-64-6	Benzene, (2-methyl-1-butenyl)-	10	30	J
91-20-3	Naphthalene	10.26	220	J
000090-12-0	Naphthalene, 1-methyl-	10.98	57	J
000264-09-5	Benzocycloheptatriene	11.09	42	J
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	11.61	36	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-05

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036122.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 33 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	7.5	U
74-87-3	Chloromethane	7.5	U
75-01-4	Vinyl Chloride	7.5	U
74-83-9	Bromomethane	7.5	U
75-00-3	Chloroethane	7.5	U
75-69-4	Trichlorofluoromethane	7.5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	7.5	U
75-35-4	1,1-Dichloroethene	7.5	U
67-64-1	Acetone	37	U
75-15-0	Carbon Disulfide	7.5	U
1634-04-4	Methyl tert-butyl Ether	7.5	U
79-20-9	Methyl Acetate	7.5	U
75-09-2	Methylene Chloride	7.5	U
156-60-5	trans-1,2-Dichloroethene	7.5	U
75-34-3	1,1-Dichloroethane	7.5	U
110-82-7	Cyclohexane	7.5	U
78-93-3	2-Butanone	37	U
56-23-5	Carbon Tetrachloride	7.5	U
156-59-2	cis-1,2-Dichloroethene	7.5	U
67-66-3	Chloroform	7.5	U
71-55-6	1,1,1-Trichloroethane	7.5	U
108-87-2	Methylcyclohexane	7.5	U
71-43-2	Benzene	7.5	U
107-06-2	1,2-Dichloroethane	7.5	U
79-01-6	Trichloroethene	7.5	U
78-87-5	1,2-Dichloropropane	7.5	U
75-27-4	Bromodichloromethane	7.5	U
108-10-1	4-Methyl-2-Pentanone	37	U
108-88-3	Toluene	7.5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-05

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036122.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 33 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	7.5	U
10061-01-5	cis-1,3-Dichloropropene	7.5	U
79-00-5	1,1,2-Trichloroethane	7.5	U
591-78-6	2-Hexanone	37	U
124-48-1	Dibromochloromethane	7.5	U
106-93-4	1,2-Dibromoethane	7.5	U
127-18-4	Tetrachloroethene	7.5	U
108-90-7	Chlorobenzene	7.5	U
100-41-4	Ethyl Benzene	7.5	U
179601-23-1	m/p-Xylenes	15	U
95-47-6	o-Xylene	7.5	U
100-42-5	Styrene	7.5	U
75-25-2	Bromoform	7.5	U
98-82-8	Isopropylbenzene	7.5	U
79-34-5	1,1,2,2-Tetrachloroethane	7.5	U
541-73-1	1,3-Dichlorobenzene	7.5	U
106-46-7	1,4-Dichlorobenzene	7.5	U
95-50-1	1,2-Dichlorobenzene	7.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	7.5	U
120-82-1	1,2,4-Trichlorobenzene	7.5	U

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-05

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036122.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 33 Date Analyzed: 11/16/09

GC Column: RTX-VM6 ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 11 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000334-68-9	Dodecane, 1-fluoro-	9.62	19	J
017301-23-4	Undecane, 2,6-dimethyl-	9.74	23	J
91-20-3	Naphthalene	10.26	3.4	J
	unknown10.44	10.44	27	J
054758-36-0	(1-Methylbuta-1,3-dienyl)benzene	10.62	24	J
	unknown10.89	10.89	18	J
000090-12-0	Naphthalene, 1-methyl-	11.09	43	J
017302-23-7	Nonane, 4,5-dimethyl-	11.26	25	J
	unknown11.39	11.39	29	J
000581-40-8	Naphthalene, 2,3-dimethyl-	11.62	23	J
000573-98-8	Naphthalene, 1,2-dimethyl-	11.71	38	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036125.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.3	U
74-87-3	Chloromethane	6.3	U
75-01-4	Vinyl Chloride	6.3	U
74-83-9	Bromomethane	6.3	U
75-00-3	Chloroethane	6.3	U
75-69-4	Trichlorofluoromethane	6.3	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.3	U
75-35-4	1,1-Dichloroethene	6.3	U
67-64-1	Acetone	32	U
75-15-0	Carbon Disulfide	6.3	U
1634-04-4	Methyl tert-butyl Ether	6.3	U
79-20-9	Methyl Acetate	6.3	U
75-09-2	Methylene Chloride	6.3	U
156-60-5	trans-1,2-Dichloroethene	6.3	U
75-34-3	1,1-Dichloroethane	6.3	U
110-82-7	Cyclohexane	6.3	U
78-93-3	2-Butanone	32	U
56-23-5	Carbon Tetrachloride	6.3	U
156-59-2	cis-1,2-Dichloroethene	6.3	U
67-66-3	Chloroform	6.3	U
71-55-6	1,1,1-Trichloroethane	6.3	U
108-87-2	Methylcyclohexane	6.3	U
71-43-2	Benzene	6.3	U
107-06-2	1,2-Dichloroethane	6.3	U
79-01-6	Trichloroethene	6.3	U
78-87-5	1,2-Dichloropropane	6.3	U
75-27-4	Bromodichloromethane	6.3	U
108-10-1	4-Methyl-2-Pentanone	32	U
108-88-3	Toluene	6.3	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036125.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.3	U
10061-01-5	cis-1,3-Dichloropropene	6.3	U
79-00-5	1,1,2-Trichloroethane	6.3	U
591-78-6	2-Hexanone	32	U
124-48-1	Dibromochloromethane	6.3	U
106-93-4	1,2-Dibromoethane	6.3	U
127-18-4	Tetrachloroethene	6.3	U
108-90-7	Chlorobenzene	6.3	U
100-41-4	Ethyl Benzene	6.3	U
179601-23-1	m/p-Xylenes	13	U
95-47-6	o-Xylene	6.3	U
100-42-5	Styrene	6.3	U
75-25-2	Bromoform	6.3	U
98-82-8	Isopropylbenzene	6.3	U
79-34-5	1,1,2,2-Tetrachloroethane	6.3	U
541-73-1	1,3-Dichlorobenzene	6.3	U
106-46-7	1,4-Dichlorobenzene	6.3	U
95-50-1	1,2-Dichlorobenzene	6.3	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.3	U
120-82-1	1,2,4-Trichlorobenzene	6.3	U



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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036125.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 21 Date Analyzed: 11/16/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/Kg

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
91-20-3	Naphthalene	10.26	18	<u>✓</u>

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036133.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	30	U
75-15-0	Carbon Disulfide	11	
1634-04-4	Methyl tert-butyl Ether	6	U
79-20-9	Methyl Acetate	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
110-82-7	Cyclohexane	6	U
78-93-3	2-Butanone	30	U
56-23-5	Carbon Tetrachloride	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
108-87-2	Methylcyclohexane	6	U
71-43-2	Benzene	6	U
107-06-2	1,2-Dichloroethane	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	30	U
108-88-3	Toluene	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036133.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
127-18-4	Tetrachloroethene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethyl Benzene	6	U
179601-23-1	m/p-Xylenes	12	U
95-47-6	o-Xylene	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-Chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U



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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036133.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 17 Date Analyzed: 11/16/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 6 Concentration Units: ug/Kg

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
108-67-8	1,3,5-Trimethylbenzene	7.95	2.7	
95-63-6	1,2,4-Trimethylbenzene	8.28	3.2	
99-87-6	p-Isopropyltoluene	8.51	1.2	
91-20-3	Naphthalene	10.26	58	
000090-12-0	Naphthalene, 1-methyl-	10.99	7.4	
004453-90-1	1,4-Methanonaphthalene, 1,4-dihydr	11.09	7.7	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036129.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 40 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	8.3	U
74-87-3	Chloromethane	8.3	U
75-01-4	Vinyl Chloride	8.3	U
74-83-9	Bromomethane	8.3	U
75-00-3	Chloroethane	8.3	U
75-69-4	Trichlorofluoromethane	8.3	U
76-13-1	1,1,2-Trichlorotrifluoroethane	8.3	U
75-35-4	1,1-Dichloroethene	8.3	U
67-64-1	Acetone	38	J
75-15-0	Carbon Disulfide	59	
1634-04-4	Methyl tert-butyl Ether	110	
79-20-9	Methyl Acetate	8.3	U
75-09-2	Methylene Chloride	8.3	U
156-60-5	trans-1,2-Dichloroethene	8.3	U
75-34-3	1,1-Dichloroethane	8.3	U
110-82-7	Cyclohexane	8.3	U
78-93-3	2-Butanone	42	U
56-23-5	Carbon Tetrachloride	8.3	U
156-59-2	cis-1,2-Dichloroethene	17	
67-66-3	Chloroform	8.3	U
71-55-6	1,1,1-Trichloroethane	8.3	U
108-87-2	Methylcyclohexane	11	
71-43-2	Benzene	4.8	J
107-06-2	1,2-Dichloroethane	8.3	U
79-01-6	Trichloroethene	8.9	
78-87-5	1,2-Dichloropropane	8.3	U
75-27-4	Bromodichloromethane	8.3	U
108-10-1	4-Methyl-2-Pentanone	26	J
108-88-3	Toluene	210	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036129.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 40 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	8.3	U
10061-01-5	cis-1,3-Dichloropropene	8.3	U
79-00-5	1,1,2-Trichloroethane	8.3	U
591-78-6	2-Hexanone	42	U
124-48-1	Dibromochloromethane	8.3	U
106-93-4	1,2-Dibromoethane	8.3	U
127-18-4	Tetrachloroethene	91	
108-90-7	Chlorobenzene	8.3	U
100-41-4	Ethyl Benzene	120	
179601-23-1	m/p-Xylenes	270	
95-47-6	o-Xylene	190	
100-42-5	Styrene	46	
75-25-2	Bromoform	8.3	U
98-82-8	Isopropylbenzene	79	
79-34-5	1,1,2,2-Tetrachloroethane	8.3	U
541-73-1	1,3-Dichlorobenzene	8.3	U
106-46-7	1,4-Dichlorobenzene	8	U
95-50-1	1,2-Dichlorobenzene	8.3	U
96-12-8	1,2-Dibromo-3-Chloropropane	8.3	U
120-82-1	1,2,4-Trichlorobenzene	6	U

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SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036129.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 40 Date Analyzed: 11/16/09

GC Column: RTX-VM6 ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 21 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	Tert butyl alcohol	2.07	300	J
	unknown7.46	7.46	120	J
103-65-1	n-propylbenzene	7.75	86	J
622-96-8	p-ethyltoluene	7.85	410	J
108-67-8	1,3,5-Trimethylbenzene	7.95	260	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	8.12	300	J
98-06-6	tert-Butylbenzene	8.21	4.2	J
95-63-6	1,2,4-Trimethylbenzene	8.29	630	J
135-98-8	sec-Butylbenzene	8.37	35	J
99-87-6	p-Isopropyltoluene	8.51	63	J
000637-50-3	Benzene, 1-propenyl-	8.74	83	J
001074-43-7	Benzene, 1-methyl-3-propyl-	8.78	92	J
104-51-8	n-Butylbenzene	8.84	51	J
001074-17-5	Benzene, 1-methyl-2-propyl-	8.99	58	J
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	9.06	140	J
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	9.12	110	J
000824-90-8	1-Phenyl-1-butene	9.18	73	J
95-93-2	1,2,4,5-tetramethylbenzene	9.42	75	J
000112-40-3	Dodecane	9.62	120	J
000934-10-1	3-Phenylbut-1-ene	9.73	130	J
91-20-3	Naphthalene	10.26	190	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036148.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 40 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	8.3	U
74-87-3	Chloromethane	8.3	U
75-01-4	Vinyl Chloride	8.3	U
74-83-9	Bromomethane	8.3	U
75-00-3	Chloroethane	8.3	U
75-69-4	Trichlorofluoromethane	8.3	U
76-13-1	1,1,2-Trichlorotrifluoroethane	8.3	U
75-35-4	1,1-Dichloroethene	8.3	U
67-64-1	Acetone	33	J
75-15-0	Carbon Disulfide	76	
1634-04-4	Methyl tert-butyl Ether	86	
79-20-9	Methyl Acetate	8.3	U
75-09-2	Methylene Chloride	8.3	U
156-60-5	trans-1,2-Dichloroethene	8.3	U
75-34-3	1,1-Dichloroethane	8.3	U
110-82-7	Cyclohexane	8.3	U
78-93-3	2-Butanone	42	U
56-23-5	Carbon Tetrachloride	8.3	U
156-59-2	cis-1,2-Dichloroethene	21	
67-66-3	Chloroform	8.3	U
71-55-6	1,1,1-Trichloroethane	8.3	U
108-87-2	Methylcyclohexane	13	
71-43-2	Benzene	6.3	J
107-06-2	1,2-Dichloroethane	8.3	U
79-01-6	Trichloroethene	13	
78-87-5	1,2-Dichloropropane	8.3	U
75-27-4	Bromodichloromethane	8.3	U
108-10-1	4-Methyl-2-Pentanone	32	J
108-88-3	Toluene	310	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036148.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 40 Date Analyzed: 11/17/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

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CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
10061-02-6	t-1,3-Dichloropropene	8.3	U
10061-01-5	cis-1,3-Dichloropropene	8.3	U
79-00-5	1,1,2-Trichloroethane	8.3	U
591-78-6	2-Hexanone	42	U
124-48-1	Dibromochloromethane	8.3	U
106-93-4	1,2-Dibromoethane	8.3	U
127-18-4	Tetrachloroethene	130	
108-90-7	Chlorobenzene	8.3	U
100-41-4	Ethyl Benzene	190	
179601-23-1	m/p-Xylenes	460	
95-47-6	o-Xylene	320	
100-42-5	Styrene	85	
75-25-2	Bromoform	8.3	U
98-82-8	Isopropylbenzene	130	
79-34-5	1,1,2,2-Tetrachloroethane	8.3	U
541-73-1	1,3-Dichlorobenzene	8.3	U
106-46-7	1,4-Dichlorobenzene	13	
95-50-1	1,2-Dichlorobenzene	8.3	U
96-12-8	1,2-Dibromo-3-Chloropropane	8.3	U
120-82-1	1,2,4-Trichlorobenzene	10	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VK036127.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 26 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.7	U
74-87-3	Chloromethane	6.7	U
75-01-4	Vinyl Chloride	6.7	U
74-83-9	Bromomethane	6.7	U
75-00-3	Chloroethane	6.7	U
75-69-4	Trichlorofluoromethane	6.7	U
76-13-1	1,1,2-Trichlorotrifluoroethane	6.7	U
75-35-4	1,1-Dichloroethene	6.7	U
67-64-1	Acetone	23	J
75-15-0	Carbon Disulfide	6.7	U
1634-04-4	Methyl tert-butyl Ether	6.7	U
79-20-9	Methyl Acetate	6.7	U
75-09-2	Methylene Chloride	6.7	U
156-60-5	trans-1,2-Dichloroethene	6.7	U
75-34-3	1,1-Dichloroethane	6.7	U
110-82-7	Cyclohexane	6.7	U
78-93-3	2-Butanone	34	U
56-23-5	Carbon Tetrachloride	6.7	U
156-59-2	cis-1,2-Dichloroethene	6.7	U
67-66-3	Chloroform	6.7	U
71-55-6	1,1,1-Trichloroethane	6.7	U
108-87-2	Methylcyclohexane	6.7	U
71-43-2	Benzene	6.7	U
107-06-2	1,2-Dichloroethane	6.7	U
79-01-6	Trichloroethene	6.7	U
78-87-5	1,2-Dichloropropane	6.7	U
75-27-4	Bromodichloromethane	6.7	U
108-10-1	4-Methyl-2-Pentanone	34	U
108-88-3	Toluene	6.7	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VK036127.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 26 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.7	U
10061-01-5	cis-1,3-Dichloropropene	6.7	U
79-00-5	1,1,2-Trichloroethane	6.7	U
591-78-6	2-Hexanone	34	U
124-48-1	Dibromochloromethane	6.7	U
106-93-4	1,2-Dibromoethane	6.7	U
127-18-4	Tetrachloroethene	6.7	U
108-90-7	Chlorobenzene	6.7	U
100-41-4	Ethyl Benzene	6.7	U
179601-23-1	m/p-Xylenes	13	U
95-47-6	o-Xylene	6.7	U
100-42-5	Styrene	6.7	U
75-25-2	Bromoform	6.7	U
98-82-8	Isopropylbenzene	6.7	U
79-34-5	1,1,2,2-Tetrachloroethane	6.7	U
541-73-1	1,3-Dichlorobenzene	6.7	U
106-46-7	1,4-Dichlorobenzene	6.7	U
95-50-1	1,2-Dichlorobenzene	6.7	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.7	U
120-82-1	1,2,4-Trichlorobenzene	6.7	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-10

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG022835.D

Level: (low/med) Date Received: 11/05/09

% Moisture: not dec. 100 Date Analyzed: 11/13/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-butyl Ether	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-10

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG022835.D

Level: (low/med) Date Received: 11/05/09

% Moisture: not dec. 100 Date Analyzed: 11/13/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
10061-02-6	t-1,3-Dichloropropene	5	<u>✓</u>
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	<u>✓</u>
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-11

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG022836.D

Level: (low/med) Date Received: 11/05/09

% Moisture: not dec. 100 Date Analyzed: 11/13/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-butyl Ether	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-11

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG022836.D

Level: (low/med) Date Received: 11/05/09

% Moisture: not dec. 100 Date Analyzed: 11/13/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
10061-02-6	t-1,3-Dichloropropene	5	✓
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	✓
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-12

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG022837.D

Level: (low/med) Date Received: 11/05/09

% Moisture: not dec. 100 Date Analyzed: 11/13/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	✓
75-69-4	Trichlorofluoromethane	5	✓
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-butyl Ether	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	3.7	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	5	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	✓
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-12

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG022837.D

Level: (low/med) Date Received: 11/05/09

% Moisture: not dec. 100 Date Analyzed: 11/13/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-13

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036128.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 18 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	U
75-01-4	Vinyl Chloride	6.1	U
74-83-9	Bromomethane	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	2.7	J
76-13-1	1,1,2-Trichlorotrifluoroethane	6.1	U
75-35-4	1,1-Dichloroethene	6.1	U
67-64-1	Acetone	31	
75-15-0	Carbon Disulfide	13	
1634-04-4	Methyl tert-butyl Ether	6.1	U
79-20-9	Methyl Acetate	6.1	U
75-09-2	Methylene Chloride	6.1	U
156-60-5	trans-1,2-Dichloroethene	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
78-93-3	2-Butanone	30	U
56-23-5	Carbon Tetrachloride	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
108-87-2	Methylcyclohexane	6.1	U
71-43-2	Benzene	6.1	U
107-06-2	1,2-Dichloroethane	6.1	U
79-01-6	Trichloroethene	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
108-10-1	4-Methyl-2-Pentanone	30	U
108-88-3	Toluene	5	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-13

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036128.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 18 Date Analyzed: 11/16/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U
79-00-5	1,1,2-Trichloroethane	6.1	U
591-78-6	2-Hexanone	30	U
124-48-1	Dibromochloromethane	6.1	U
106-93-4	1,2-Dibromoethane	6.1	U
127-18-4	Tetrachloroethene	6.1	U
108-90-7	Chlorobenzene	6.1	U
100-41-4	Ethyl Benzene	2.6	J
179601-23-1	m/p-Xylenes	6.8	J
95-47-6	o-Xylene	4.6	J
100-42-5	Styrene	6.1	U
75-25-2	Bromoform	6.1	U
98-82-8	Isopropylbenzene	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U
541-73-1	1,3-Dichlorobenzene	6.1	U
106-46-7	1,4-Dichlorobenzene	6.1	U
95-50-1	1,2-Dichlorobenzene	6.1	U
96-12-8	1,2-Dibromo-3-Chloropropane	6.1	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U



-1E-

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-13

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036128.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: not dec. 18 Date Analyzed: 11/16/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 6 Concentration Units: ug/Kg

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
108-67-8	1,3,5-Trimethylbenzene	7.94	5.7	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	8.12	8.3	J
95-63-6	1,2,4-Trimethylbenzene	8.28	8.8	J
99-87-6	p-Isopropyltoluene	8.5	4.4	J
001120-21-4	Undecane	8.82	10	J
91-20-3	Naphthalene	10.26	11	J

FORM I SV-TIC

11/9/10



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-01

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032398.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	19000	U
108-95-2	Phenol	19000	U
111-44-4	bis(2-Chloroethyl)ether	19000	U
95-57-8	2-Chlorophenol	19000	U
95-48-7	2-Methylphenol	19000	U
108-60-1	2,2-oxybis(1-Chloropropane)	19000	U
98-86-2	Acetophenone	19000	U
65794-96-9	3+4-Methylphenols	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy)methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
91-20-3	Naphthalene	2000	J
106-47-8	4-Chloroaniline	19000	U
87-68-3	Hexachlorobutadiene	19000	U
105-60-2	Caprolactam	19000	U
59-50-7	4-Chloro-3-methylphenol	19000	U
91-57-6	2-Methylnaphthalene	19000	U
77-47-4	Hexachlorocyclopentadiene	19000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1-Biphenyl	19000	U
91-58-7	2-Chloronaphthalene	19000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-01

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032398.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	19000	U
208-96-8	Acenaphthylene	2000	J
606-20-2	2,6-Dinitrotoluene	19000	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	2300	J
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	2900	J
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
7005-72-3	4-Chlorophenyl-phenylether	19000	U
86-73-7	Fluorene	6500	J
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
118-74-1	Hexachlorobenzene	19000	U
1912-24-9	Atrazine	19000	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	55000	
120-12-7	Anthracene	10000	J
86-74-8	Carbazole	2300	J
84-74-2	Di-n-butylphthalate	19000	U
206-44-0	Fluoranthene	50000	
129-00-0	Pyrene	49000	
85-68-7	Butylbenzylphthalate	19000	U
91-94-1	3,3-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	23000	

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-01Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032398.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

218-01-9	Chrysene	24000	
117-81-7	bis(2-Ethylhexyl)phthalate	19000	U
117-84-0	Di-n-octyl phthalate	19000	U
205-99-2	Benzo(b)fluoranthene	22000	
207-08-9	Benzo(k)fluoranthene	6800	J
50-32-8	Benzo(a)pyrene	17000	J
193-39-5	Indeno(1,2,3-cd)pyrene	11000	J
53-70-3	Dibenz(a,h)anthracene	3000	J
191-24-2	Benzo(g,h,i)perylene	11000	J

Comments: _____

new
11/9/10



-1F-

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-01

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032398.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 11

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	8600	~~AD~~
248-13-5	Azuleno(2,1-b)thiophene	9.52	4700	J
613-12-7	Anthracene, 2-methyl-	10.24	10000	J
2531-84-2	Phenanthrene, 2-methyl-	10.27	12000	J
832-69-9	Phenanthrene, 1-methyl-	10.33	4600	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.37	16000	J
949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	10.4	6600	J
612-94-2	Naphthalene, 2-phenyl-	10.6	4600	J
781-92-0	Anthracene, 1,4-dimethyl-	10.91	5600	J
243-17-4	11H-Benzo[b]fluorene	11.78	6400	J
33543-31-6	Fluoranthene, 2-methyl-	11.86	5400	J

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J
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FORM I SV-TIC

new
11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-02Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032399.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
100-52-7	Benzaldehyde	20000	<u>✓</u>
108-95-2	Phenol	20000	U
111-44-4	bis(2-Chloroethyl)ether	20000	U
95-57-8	2-Chlorophenol	20000	U
95-48-7	2-Methylphenol	20000	U
108-60-1	2,2-oxybis(1-Chloropropane)	20000	U
98-86-2	Acetophenone	20000	U
65794-96-9	3+4-Methylphenols	20000	U
621-64-7	N-Nitroso-di-n-propylamine	20000	U
67-72-1	Hexachloroethane	20000	U
98-95-3	Nitrobenzene	20000	U
78-59-1	Isophorone	20000	U
88-75-5	2-Nitrophenol	20000	U
105-67-9	2,4-Dimethylphenol	20000	U
111-91-1	bis(2-Chloroethoxy)methane	20000	U
120-83-2	2,4-Dichlorophenol	20000	U
91-20-3	Naphthalene	13000	J
106-47-8	4-Chloroaniline	20000	U
87-68-3	Hexachlorobutadiene	20000	U
105-60-2	Caprolactam	20000	U
59-50-7	4-Chloro-3-methylphenol	20000	U
91-57-6	2-Methylnaphthalene	10000	J
77-47-4	Hexachlorocyclopentadiene	20000	U
88-06-2	2,4,6-Trichlorophenol	20000	U
95-95-4	2,4,5-Trichlorophenol	20000	U
92-52-4	1,1-Biphenyl	3100	J
91-58-7	2-Chloronaphthalene	20000	U
88-74-4	2-Nitroaniline	20000	U
131-11-3	Dimethylphthalate	20000	U

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032399.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	2700	J
606-20-2	2,6-Dinitrotoluene	20000	U
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	23000	
51-28-5	2,4-Dinitrophenol	20000	U
100-02-7	4-Nitrophenol	20000	U
132-64-9	Dibenzofuran	20000	
121-14-2	2,4-Dinitrotoluene	20000	U
84-66-2	Diethylphthalate	20000	U
7005-72-3	4-Chlorophenyl-phenylether	20000	U
86-73-7	Fluorene	33000	
100-01-6	4-Nitroaniline	20000	U
534-52-1	4,6-Dinitro-2-methylphenol	20000	U
86-30-6	N-Nitrosodiphenylamine	20000	U
101-55-3	4-Bromophenyl-phenylether	20000	U
118-74-1	Hexachlorobenzene	20000	U
1912-24-9	Atrazine	20000	U
87-86-5	Pentachlorophenol	20000	U
85-01-8	Phenanthrene	~~20000~~ 210000	~~U~~
120-12-7	Anthracene	59000	
86-74-8	Carbazole	23000	
84-74-2	Di-n-butylphthalate	20000	U
206-44-0	Fluoranthene	~~210000~~ 220000	~~U~~
129-00-0	Pyrene	~~190000~~ 190000	~~U~~
85-68-7	Butylbenzylphthalate	20000	U
91-94-1	3,3-Dichlorobenzidine	20000	U
56-55-3	Benzo(a)anthracene	88000	
218-01-9	Chrysene	82000	
117-81-7	bis(2-Ethylhexyl)phthalate	27000	

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032399.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	20000	U
205-99-2	Benzo(b)fluoranthene	84000	
207-08-9	Benzo(k)fluoranthene	30000	
50-32-8	Benzo(a)pyrene	69000	
193-39-5	Indeno(1,2,3-cd)pyrene	44000	
53-70-3	Dibenz(a,h)anthracene	12000	J
191-24-2	Benzo(g,h,i)perylene	45000	

Comments: _____

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**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032399.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	7700	~~AB~~
4453-90-1	1,4-Methanonaphthalene, 1,4-dihydr	6.97	6500	J
593-49-7	Heptacosane	7.65	6600	J
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	8.68	11000	J
7320-53-8	Dibenzofuran, 4-methyl-	8.73	6600	J
17312-82-2	Undecane, 4,6-dimethyl-	8.99	18000	J
132-65-0	Dibenzothiophene	9.52	17000	J
7045-71-8	Undecane, 2-methyl-	9.54	7100	J
613-12-7	Anthracene, 2-methyl-	10.24	15000	J
832-69-9	Phenanthrene, 1-methyl-	10.27	23000	J
779-02-2	Anthracene, 9-methyl-	10.33	11000	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.37	41000	J
949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	10.4	8300	J
612-94-2	Naphthalene, 2-phenyl-	10.6	11000	J
3674-65-5	Phenanthrene, 2,3-dimethyl-	10.92	7300	J
	unknown 11.17	11.17	7000	J
243-17-4	11H-Benzo[b]fluorene	11.79	11000	J
33543-31-6	Fluoranthene, 2-methyl-	11.87	11000	J
205-82-3	Benzo[j]fluoranthene	14.47	18000	J
198-55-0	Perylene	14.77	57000	J

FORM I SV-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-02DLSample wt/vol: 3.11 (g/mL) g Lab File ID: BF032419.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 25GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use Original

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
100-52-7	Benzaldehyde	98000		UD
108-95-2	Phenol	98000		UD
111-44-4	bis(2-Chloroethyl)ether	98000		UD
95-57-8	2-Chlorophenol	98000		UD
95-48-7	2-Methylphenol	98000		UD
108-60-1	2,2-oxybis(1-Chloropropane)	98000		UD
98-86-2	Acetophenone	98000		UD
65794-96-9	3+4-Methylphenols	98000		UD
621-64-7	N-Nitroso-di-n-propylamine	98000		UD
67-72-1	Hexachloroethane	98000		UD
98-95-3	Nitrobenzene	98000		UD
78-59-1	Isophorone	98000		UD
88-75-5	2-Nitrophenol	98000		UD
105-67-9	2,4-Dimethylphenol	98000		UD
111-91-1	bis(2-Chloroethoxy)methane	98000		UD
120-83-2	2,4-Dichlorophenol	98000		UD
91-20-3	Naphthalene	13000		JD
106-47-8	4-Chloroaniline	98000		UD
87-68-3	Hexachlorobutadiene	98000		UD
105-60-2	Caprolactam	98000		UD
59-50-7	4-Chloro-3-methylphenol	98000		UD
91-57-6	2-Methylnaphthalene	98000		UD
77-47-4	Hexachlorocyclopentadiene	98000		UD
88-06-2	2,4,6-Trichlorophenol	98000		UD
95-95-4	2,4,5-Trichlorophenol	98000		UD
92-52-4	1,1-Biphenyl	98000		UD
91-58-7	2-Chloronaphthalene	98000		UD
88-74-4	2-Nitroaniline	98000		UD
131-11-3	Dimethylphthalate	98000		UD

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Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-02DLSample wt/vol: 3.11 (g/mL) g Lab File ID: BF032419.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 25GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
208-96-8	Acenaphthylene	98000	UD
606-20-2	2,6-Dinitrotoluene	98000	UD
99-09-2	3-Nitroaniline	98000	UD
83-32-9	Acenaphthene	22000	JD
51-28-5	2,4-Dinitrophenol	98000	UD
100-02-7	4-Nitrophenol	98000	UD
132-64-9	Dibenzofuran	20000	JD
121-14-2	2,4-Dinitrotoluene	98000	UD
84-66-2	Diethylphthalate	98000	UD
7005-72-3	4-Chlorophenyl-phenylether	98000	UD
86-73-7	Fluorene	31000	JD
100-01-6	4-Nitroaniline	98000	UD
534-52-1	4,6-Dinitro-2-methylphenol	98000	UD
86-30-6	N-Nitrosodiphenylamine	98000	UD
101-55-3	4-Bromophenyl-phenylether	98000	UD
118-74-1	Hexachlorobenzene	98000	UD
1912-24-9	Atrazine	98000	UD
87-86-5	Pentachlorophenol	98000	UD
85-01-8	Phenanthrene	210000	D
120-12-7	Anthracene	59000	JD
86-74-8	Carbazole	23000	JD
84-74-2	Di-n-butylphthalate	98000	UD
206-44-0	Fluoranthene	220000	D
129-00-0	Pyrene	190000	D
85-68-7	Butylbenzylphthalate	98000	UD
91-94-1	3,3-Dichlorobenzidine	98000	UD
56-55-3	Benzo(a)anthracene	91000	JD
218-01-9	Chrysene	81000	JD
117-81-7	bis(2-Ethylhexyl)phthalate	27000	JD

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Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-02DLSample wt/vol: 3.11 (g/mL) g Lab File ID: BF032419.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 25GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
117-84-0	Di-n-octyl phthalate	98000		UD
205-99-2	Benzo(b)fluoranthene	79000		JD
207-08-9	Benzo(k)fluoranthene	29000		JD
50-32-8	Benzo(a)pyrene	66000		JD
193-39-5	Indeno(1,2,3-cd)pyrene	46000		JD
53-70-3	Dibenz(a,h)anthracene	98000		UD
191-24-2	Benzo(g,h,i)perylene	44000		JD

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032395.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	3700	J
108-95-2	Phenol	430	J
111-44-4	bis(2-Chloroethyl)ether	3700	U
95-57-8	2-Chlorophenol	3700	U
95-48-7	2-Methylphenol	3700	U
108-60-1	2,2-oxybis(1-Chloropropane)	3700	U
98-86-2	Acetophenone	3700	U
65794-96-9	3+4-Methylphenols	3700	U
621-64-7	N-Nitroso-di-n-propylamine	3700	U
67-72-1	Hexachloroethane	3700	U
98-95-3	Nitrobenzene	3700	U
78-59-1	Isophorone	3700	U
88-75-5	2-Nitrophenol	3700	U
105-67-9	2,4-Dimethylphenol	3700	U
111-91-1	bis(2-Chloroethoxy)methane	3700	U
120-83-2	2,4-Dichlorophenol	3700	U
91-20-3	Naphthalene	3700	U
106-47-8	4-Chloroaniline	3700	U
87-68-3	Hexachlorobutadiene	3700	U
105-60-2	Caprolactam	3700	U
59-50-7	4-Chloro-3-methylphenol	3700	U
91-57-6	2-Methylnaphthalene	390	J
77-47-4	Hexachlorocyclopentadiene	3700	U
88-06-2	2,4,6-Trichlorophenol	3700	U
95-95-4	2,4,5-Trichlorophenol	3700	U
92-52-4	1,1-Biphenyl	3700	U
91-58-7	2-Chloronaphthalene	3700	U
88-74-4	2-Nitroaniline	3700	U
131-11-3	Dimethylphthalate	1300 1300	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032395.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	3700	U
606-20-2	2,6-Dinitrotoluene	3700	U
99-09-2	3-Nitroaniline	3700	U
83-32-9	Acenaphthene	3700	U
51-28-5	2,4-Dinitrophenol	3700	U
100-02-7	4-Nitrophenol	3700	U
132-64-9	Dibenzofuran	3700	U
121-14-2	2,4-Dinitrotoluene	3700	U
84-66-2	Diethylphthalate	3700	U
7005-72-3	4-Chlorophenyl-phenylether	3700	U
86-73-7	Fluorene	3700	U
100-01-6	4-Nitroaniline	3700	U
534-52-1	4,6-Dinitro-2-methylphenol	3700	U
86-30-6	N-Nitrosodiphenylamine	3700	U
101-55-3	4-Bromophenyl-phenylether	3700	U
118-74-1	Hexachlorobenzene	3700	U
1912-24-9	Atrazine	3700	U
87-86-5	Pentachlorophenol	3700	U
85-01-8	Phenanthrene	880	J
120-12-7	Anthracene	3700	U
86-74-8	Carbazole	3700	U
84-74-2	Di-n-butylphthalate	380	J
206-44-0	Fluoranthene	1200	J
129-00-0	Pyrene	1900	J
85-68-7	Butylbenzylphthalate	1400	J
91-94-1	3,3-Dichlorobenzidine	3700	U
56-55-3	Benzo(a)anthracene	670	J
218-01-9	Chrysene	1000	J
117-81-7	bis(2-Ethylhexyl)phthalate	9600	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032395.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	3700	U
205-99-2	Benzo(b)fluoranthene	1500	J
207-08-9	Benzo(k)fluoranthene	480	J
50-32-8	Benzo(a)pyrene	910	J
193-39-5	Indeno(1,2,3-cd)pyrene	1000	J
53-70-3	Dibenz(a,h)anthracene	3700	U
191-24-2	Benzo(g,h,i)perylene	1300	J

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032395.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
66-25-1	Hexanal	3.11	1300	J
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	7700	AB
700-87-8	Benzene, 1-isocyanato-2-methoxy-	6.27	1200	J
615-58-7	Phenol, 2,4-dibromo-	7.15	870	J
112-89-0	Octadecane, 1-bromo-	7.31	750	J
2245-38-7	Naphthalene, 1,6,7-trimethyl-	8.4	980	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl	8.99	3400	J
131-17-9	1,2-Benzenedicarboxylic acid, di-2	9.23	3400	J
13674-84-5	2-Propanol, 1-chloro-, phosphate (	9.49	4700	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.54	3000	J

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FORM I SV-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032401.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	19000	J
108-95-2	Phenol	2800	J
111-44-4	bis(2-Chloroethyl)ether	19000	U
95-57-8	2-Chlorophenol	19000	U
95-48-7	2-Methylphenol	19000	U
108-60-1	2,2-oxybis(1-Chloropropane)	19000	U
98-86-2	Acetophenone	19000	U
65794-96-9	3+4-Methylphenols	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy)methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
91-20-3	Naphthalene	14000	J
106-47-8	4-Chloroaniline	19000	U
87-68-3	Hexachlorobutadiene	19000	U
105-60-2	Caprolactam	19000	U
59-50-7	4-Chloro-3-methylphenol	19000	U
91-57-6	2-Methylnaphthalene	8400	J
77-47-4	Hexachlorocyclopentadiene	19000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1-Biphenyl	2100	J
91-58-7	2-Chloronaphthalene	19000	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	19000	J

Comments:

11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032401.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	19000	U
606-20-2	2,6-Dinitrotoluene	19000	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	19000	
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	12000	J
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
7005-72-3	4-Chlorophenyl-phenylether	19000	U
86-73-7	Fluorene	18000	J
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
118-74-1	Hexachlorobenzene	19000	U
1912-24-9	Atrazine	19000	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	110000	
120-12-7	Anthracene	32000	
86-74-8	Carbazole	15000	J
84-74-2	Di-n-butylphthalate	19000	U
206-44-0	Fluoranthene	100000	
129-00-0	Pyrene	110000	
85-68-7	Butylbenzylphthalate	6900	J
91-94-1	3,3-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	45000	
218-01-9	Chrysene	44000	
117-81-7	bis(2-Ethylhexyl)phthalate	41000	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032401.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	19000	U
205-99-2	Benzo(b)fluoranthene	43000	
207-08-9	Benzo(k)fluoranthene	16000	J
50-32-8	Benzo(a)pyrene	37000	
193-39-5	Indeno(1,2,3-cd)pyrene	23000	
53-70-3	Dibenz(a,h)anthracene	6000	J
191-24-2	Benzo(g,h,i)perylene	24000	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BF032401.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	8800	AB
4453-90-1	1,4-Methanonaphthalene, 1,4-dihydr	6.97	6800	J
128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	7.59	19000	J
593-49-7	Heptacosane	7.87	9600	J
544-76-3	Hexadecane	8.43	12000	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.68	8600	J
107770-99-0	3,5-Dimethyldodecane	8.97	16000	J
593-45-3	Octadecane	9.5	21000	J
630-06-8	Hexatriacontane	10.02	6500	J
2531-84-2	Phenanthrene, 2-methyl-	10.24	11000	J
949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	10.27	15000	J
883-20-5	Phenanthrene, 9-methyl-	10.33	7500	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.37	26000	J
629-92-5	Nonadecane	10.51	9400	J
612-94-2	Naphthalene, 2-phenyl-	10.6	6800	J
3674-65-5	Phenanthrene, 2,3-dimethyl-	10.91	8900	J
283155-62-4	N1-Tetrahydrofuran-2-ylmethyl-2-(4	10.99	8800	J
	unknown11.16	11.16	8100	J
243-17-4	11H-Benzo[b]fluorene	11.87	7400	J
13287-24-6	Nonadecane, 9-methyl-	13.24	8500	J

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Rev
11/9/10

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-05Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032402.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
100-52-7	Benzaldehyde	24000	<u>U</u>
108-95-2	Phenol	24000	<u>U</u>
111-44-4	bis(2-Chloroethyl)ether	24000	<u>U</u>
95-57-8	2-Chlorophenol	24000	<u>U</u>
95-48-7	2-Methylphenol	24000	<u>U</u>
108-60-1	2,2-oxybis(1-Chloropropane)	24000	<u>U</u>
98-86-2	Acetophenone	24000	<u>U</u>
65794-96-9	3+4-Methylphenols	24000	<u>U</u>
621-64-7	N-Nitroso-di-n-propylamine	24000	<u>U</u>
67-72-1	Hexachloroethane	24000	<u>U</u>
98-95-3	Nitrobenzene	24000	<u>U</u>
78-59-1	Isophorone	24000	<u>U</u>
88-75-5	2-Nitrophenol	24000	<u>U</u>
105-67-9	2,4-Dimethylphenol	24000	<u>U</u>
111-91-1	bis(2-Chloroethoxy)methane	24000	<u>U</u>
120-83-2	2,4-Dichlorophenol	24000	<u>U</u>
91-20-3	Naphthalene	24000	<u>U</u>
106-47-8	4-Chloroaniline	24000	<u>U</u>
87-68-3	Hexachlorobutadiene	24000	<u>U</u>
105-60-2	Caprolactam	24000	<u>U</u>
59-50-7	4-Chloro-3-methylphenol	24000	<u>U</u>
91-57-6	2-Methylnaphthalene	24000	<u>U</u>
77-47-4	Hexachlorocyclopentadiene	24000	<u>U</u>
88-06-2	2,4,6-Trichlorophenol	24000	<u>U</u>
95-95-4	2,4,5-Trichlorophenol	24000	<u>U</u>
92-52-4	1,1-Biphenyl	24000	<u>U</u>
91-58-7	2-Chloronaphthalene	24000	<u>U</u>
88-74-4	2-Nitroaniline	24000	<u>U</u>
131-11-3	Dimethylphthalate	4300	<u>JB</u>

Comments: _____

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11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-05

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032402.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
208-96-8	Acenaphthylene	24000	U
606-20-2	2,6-Dinitrotoluene	24000	U
99-09-2	3-Nitroaniline	24000	U
83-32-9	Acenaphthene	24000	U
51-28-5	2,4-Dinitrophenol	24000	U
100-02-7	4-Nitrophenol	24000	U
132-64-9	Dibenzofuran	24000	U
121-14-2	2,4-Dinitrotoluene	24000	U
84-66-2	Diethylphthalate	24000	U
7005-72-3	4-Chlorophenyl-phenylether	24000	U
86-73-7	Fluorene	24000	U
100-01-6	4-Nitroaniline	24000	U
534-52-1	4,6-Dinitro-2-methylphenol	24000	U
86-30-6	N-Nitrosodiphenylamine	24000	U
101-55-3	4-Bromophenyl-phenylether	24000	U
118-74-1	Hexachlorobenzene	24000	U
1912-24-9	Atrazine	24000	U
87-86-5	Pentachlorophenol	24000	U
85-01-8	Phenanthrene	3100	J
120-12-7	Anthracene	24000	U
86-74-8	Carbazole	24000	U
84-74-2	Di-n-butylphthalate	24000	U
206-44-0	Fluoranthene	5800	J
129-00-0	Pyrene	7400	J
85-68-7	Butylbenzylphthalate	7300	J
91-94-1	3,3-Dichlorobenzidine	24000	U
56-55-3	Benzo(a)anthracene	3700	J
218-01-9	Chrysene	3700	J
117-81-7	bis(2-Ethylhexyl)phthalate	180000	

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-05Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032402.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	24000	U
205-99-2	Benzo(b)fluoranthene	5000	J
207-08-9	Benzo(k)fluoranthene	24000	U
50-32-8	Benzo(a)pyrene	3600	J
193-39-5	Indeno(1,2,3-cd)pyrene	3200	J
53-70-3	Dibenz(a,h)anthracene	24000	U
191-24-2	Benzo(g,h,i)perylene	3200	J

Comments: _____

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**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-05

Sample wt/vol: 3.08 (g/mL) g Lab File ID: BF032402.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	10000	AB
85-44-9	Phthalic anhydride	6.93	8800	J
15869-94-0	Octane, 3,6-dimethyl-	8.99	8000	J
593-45-3	Octadecane	9.5	8100	J
38444-81-4	1,1-Biphenyl, 2,3,5-trichloro-	9.76	10000	J
55702-46-0	1,1-Biphenyl, 2,3,4-trichloro-	10.06	49000	J
16606-02-3	1,1-Biphenyl, 2,4,5-trichloro-	10.15	7800	J
7012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	10.23	11000	J
52663-58-8	1,1-Biphenyl, 2,3,4,6-tetrachloro-	10.39	14000	J
41464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachloro-	10.43	9000	J
2437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachloro-	10.59	16000	J
38444-90-5	1,1-Biphenyl, 3,4,4-Trichloro-	10.66	7000	J
32598-11-1	1,1-Biphenyl, 2,3,4,5-tetrachloro-	10.72	10000	J
41464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachloro-	10.99	11000	J
33284-54-7	1,1-Biphenyl, 2,3,5,6-tetrachloro-	11.02	10000	J
32598-13-3	1,1-Biphenyl, 3,3,4,4-tetrachloro-	11.18	6700	J
80-05-7	Phenol, 4,4-(1-methylethylidene)b	11.44	16000	J
544-76-3	Hexadecane	12.31	7400	J
544-77-4	Hexadecane, 1-iodo-	12.72	10000	J
26761-40-0	1,2-Benzenedicarboxylic acid, diis	14.74	18000	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032406.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	20000	✓
108-95-2	Phenol	20000	U
111-44-4	bis(2-Chloroethyl)ether	20000	U
95-57-8	2-Chlorophenol	20000	U
95-48-7	2-Methylphenol	20000	U
108-60-1	2,2-oxybis(1-Chloropropane)	20000	U
98-86-2	Acetophenone	20000	U
65794-96-9	3+4-Methylphenols	20000	U
621-64-7	N-Nitroso-di-n-propylamine	20000	U
67-72-1	Hexachloroethane	20000	U
98-95-3	Nitrobenzene	20000	U
78-59-1	Isophorone	20000	U
88-75-5	2-Nitrophenol	20000	U
105-67-9	2,4-Dimethylphenol	20000	U
111-91-1	bis(2-Chloroethoxy)methane	20000	U
120-83-2	2,4-Dichlorophenol	20000	U
91-20-3	Naphthalene	20000	U
106-47-8	4-Chloroaniline	20000	U
87-68-3	Hexachlorobutadiene	20000	U
105-60-2	Caprolactam	20000	U
59-50-7	4-Chloro-3-methylphenol	20000	U
91-57-6	2-Methylnaphthalene	20000	U
77-47-4	Hexachlorocyclopentadiene	20000	U
88-06-2	2,4,6-Trichlorophenol	20000	U
95-95-4	2,4,5-Trichlorophenol	20000	U
92-52-4	1,1-Biphenyl	20000	U
91-58-7	2-Chloronaphthalene	20000	U
88-74-4	2-Nitroaniline	20000	U
131-11-3	Dimethylphthalate	20000	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032406.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	20000	U
606-20-2	2,6-Dinitrotoluene	20000	U
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	20000	U
51-28-5	2,4-Dinitrophenol	20000	U
100-02-7	4-Nitrophenol	20000	U
132-64-9	Dibenzofuran	20000	U
121-14-2	2,4-Dinitrotoluene	20000	U
84-66-2	Diethylphthalate	20000	U
7005-72-3	4-Chlorophenyl-phenylether	20000	U
86-73-7	Fluorene	20000	U
100-01-6	4-Nitroaniline	20000	U
534-52-1	4,6-Dinitro-2-methylphenol	20000	U
86-30-6	N-Nitrosodiphenylamine	20000	U
101-55-3	4-Bromophenyl-phenylether	20000	U
118-74-1	Hexachlorobenzene	20000	U
1912-24-9	Atrazine	20000	U
87-86-5	Pentachlorophenol	20000	U
85-01-8	Phenanthrene	8800	J
120-12-7	Anthracene	2900	J
86-74-8	Carbazole	20000	U
84-74-2	Di-n-butylphthalate	20000	U
206-44-0	Fluoranthene	18000	J
129-00-0	Pyrene	17000	J
85-68-7	Butylbenzylphthalate	2100	J
91-94-1	3,3-Dichlorobenzidine	20000	U
56-55-3	Benzo(a)anthracene	8500	J
218-01-9	Chrysene	8200	J
117-81-7	bis(2-Ethylhexyl)phthalate	2300	J

Comments:

11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032406.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	20000	U
205-99-2	Benzo(b)fluoranthene	9400	J
207-08-9	Benzo(k)fluoranthene	3200	J
50-32-8	Benzo(a)pyrene	7400	J
193-39-5	Indeno(1,2,3-cd)pyrene	5500	J
53-70-3	Dibenz(a,h)anthracene	20000	U
191-24-2	Benzo(g,h,i)perylene	5200	J

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BF032406.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	8100	~~AB~~
80-05-7	Phenol, 4,4-(1-methylethylidene)b	11.43	5900	~~1~~
198-55-0	Perylene	14.76	5700	~~1~~

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FORM I SV-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032400.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	19000	✓
108-95-2	Phenol	19000	U
111-44-4	bis(2-Chloroethyl)ether	19000	U
95-57-8	2-Chlorophenol	19000	U
95-48-7	2-Methylphenol	19000	U
108-60-1	2,2-oxybis(1-Chloropropane)	19000	U
98-86-2	Acetophenone	19000	U
65794-96-9	3+4-Methylphenols	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy)methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
91-20-3	Naphthalene	19000	U
106-47-8	4-Chloroaniline	19000	U
87-68-3	Hexachlorobutadiene	19000	U
105-60-2	Caprolactam	19000	U
59-50-7	4-Chloro-3-methylphenol	19000	U
91-57-6	2-Methylnaphthalene	19000	U
77-47-4	Hexachlorocyclopentadiene	19000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1-Biphenyl	19000	U
91-58-7	2-Chloronaphthalene	19000	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	19000	U

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Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032400.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	5100	J
606-20-2	2,6-Dinitrotoluene	19000	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	19000	U
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	19000	U
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
7005-72-3	4-Chlorophenyl-phenylether	19000	U
86-73-7	Fluorene	19000	U
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
118-74-1	Hexachlorobenzene	19000	U
1912-24-9	Atrazine	19000	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	10000	J
120-12-7	Anthracene	4100	J
86-74-8	Carbazole	19000	U
84-74-2	Di-n-butylphthalate	19000	U
206-44-0	Fluoranthene	23000	
129-00-0	Pyrene	31000	
85-68-7	Butylbenzylphthalate	19000	U
91-94-1	3,3-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	11000	J
218-01-9	Chrysene	11000	J
117-81-7	bis(2-Ethylhexyl)phthalate	5300	J

Comments:

11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032400.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	19000	U
205-99-2	Benzo(b)fluoranthene	16000	J
207-08-9	Benzo(k)fluoranthene	5500	J
50-32-8	Benzo(a)pyrene	14000	J
193-39-5	Indeno(1,2,3-cd)pyrene	9400	J
53-70-3	Dibenz(a,h)anthracene	2100	J
191-24-2	Benzo(g,h,i)perylene	9900	J

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BF032400.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	8800	~~AB~~
203-64-5	4H-Cyclopenta[def]phenanthrene	10.37	11000	~~AB~~

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FORM I SV-TIC

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11/9/10

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CHEMTECH

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032396.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
100-52-7	Benzaldehyde	5300	☒
108-95-2	Phenol	5300	☐
111-44-4	bis(2-Chloroethyl)ether	5300	☐
95-57-8	2-Chlorophenol	5300	☐
95-48-7	2-Methylphenol	5300	☐
108-60-1	2,2-oxybis(1-Chloropropane)	5300	☐
98-86-2	Acetophenone	5300	☐
65794-96-9	3+4-Methylphenols	5300	☐
621-64-7	N-Nitroso-di-n-propylamine	5300	☐
67-72-1	Hexachloroethane	5300	☐
98-95-3	Nitrobenzene	5300	☐
78-59-1	Isophorone	5300	☐
88-75-5	2-Nitrophenol	5300	☐
105-67-9	2,4-Dimethylphenol	5300	☐
111-91-1	bis(2-Chloroethoxy)methane	5300	☐
120-83-2	2,4-Dichlorophenol	5300	☐
91-20-3	Naphthalene	1200	☐
106-47-8	4-Chloroaniline	5300	☐
87-68-3	Hexachlorobutadiene	5300	☐
105-60-2	Caprolactam	5300	☐
59-50-7	4-Chloro-3-methylphenol	5300	☐
91-57-6	2-Methylnaphthalene	1000	☐
77-47-4	Hexachlorocyclopentadiene	5300	☐
88-06-2	2,4,6-Trichlorophenol	5300	☐
95-95-4	2,4,5-Trichlorophenol	5300	☐
92-52-4	1,1-Biphenyl	5300	☐
91-58-7	2-Chloronaphthalene	5300	☐

Comments:

FORM I SV-1

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11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032396.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

88-74-4	2-Nitroaniline	5300	U
131-11-3	Dimethylphthalate	2900	J
208-96-8	Acenaphthylene	5300	U
606-20-2	2,6-Dinitrotoluene	5300	U
99-09-2	3-Nitroaniline	5300	U
83-32-9	Acenaphthene	940	J
51-28-5	2,4-Dinitrophenol	5300	U
100-02-7	4-Nitrophenol	5300	U
132-64-9	Dibenzofuran	620	J
121-14-2	2,4-Dinitrotoluene	5300	U
84-66-2	Diethylphthalate	5300	U
7005-72-3	4-Chlorophenyl-phenylether	5300	U
86-73-7	Fluorene	1200	J
100-01-6	4-Nitroaniline	5300	U
534-52-1	4,6-Dinitro-2-methylphenol	5300	U
86-30-6	N-Nitrosodiphenylamine	5300	U
101-55-3	4-Bromophenyl-phenylether	5300	U
118-74-1	Hexachlorobenzene	5300	U
1912-24-9	Atrazine	5300	U
87-86-5	Pentachlorophenol	5300	U
85-01-8	Phenanthrene	7800	
120-12-7	Anthracene	2400	J
86-74-8	Carbazole	1000	J
84-74-2	Di-n-butylphthalate	5300	U
206-44-0	Fluoranthene	10000	
129-00-0	Pyrene	11000	
85-68-7	Butylbenzylphthalate	5200	J
91-94-1	3,3-Dichlorobenzidine	5300	U
56-55-3	Benzo(a)anthracene	5000	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032396.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

218-01-9	Chrysene	4400	J
117-81-7	bis(2-Ethylhexyl)phthalate	~~97000~~ 110000	~~E~~
117-84-0	Di-n-octyl phthalate	3200	J
205-99-2	Benzo(b)fluoranthene	5200	J
207-08-9	Benzo(k)fluoranthene	1700	J
50-32-8	Benzo(a)pyrene	3900	J
193-39-5	Indeno(1,2,3-cd)pyrene	2700	J
53-70-3	Dibenz(a,h)anthracene	780	J
191-24-2	Benzo(g,h,i)perylene	2900	J

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032396.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 19

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	6500	~~AB~~
111-84-2	Nonane	4.05	3400	J
13151-35-4	Decane, 5-methyl-	5.3	3900	J
6975-98-0	Decane, 2-methyl-	5.35	3100	J
	unknown5.64	5.64	3000	J
629-59-4	Tetradecane	7.31	4200	J
629-62-9	Pentadecane	7.87	3100	J
544-76-3	Hexadecane	8.43	4000	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.68	9100	J
7116-95-2	1,1-Biphenyl, 4-(1-methylethyl)-	8.89	3700	J
55000-52-7	Hexadecane, 2,6,10-trimethyl-	8.99	8500	J
112-95-8	Eicosane	9.5	5900	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.54	6800	J
54833-23-7	Eicosane, 10-methyl-	10.52	5800	J
629-99-2	Pentacosane	10.86	6400	J
630-06-8	Hexatriacontane	10.99	4700	J
	unknown11.17	11.17	8200	J
6946-24-3	Tetracosane, 1-bromo-	12.04	4100	J
3061-75-4	Behenic amide	13.97	11000	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08DL

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032420.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
100-52-7	Benzaldehyde	27000	UD
108-95-2	Phenol	27000	UD
111-44-4	bis(2-Chloroethyl)ether	27000	UD
95-57-8	2-Chlorophenol	27000	UD
95-48-7	2-Methylphenol	27000	UD
108-60-1	2,2-oxybis(1-Chloropropane)	27000	UD
98-86-2	Acetophenone	27000	UD
65794-96-9	3+4-Methylphenols	27000	UD
621-64-7	N-Nitroso-di-n-propylamine	27000	UD
67-72-1	Hexachloroethane	27000	UD
98-95-3	Nitrobenzene	27000	UD
78-59-1	Isophorone	27000	UD
88-75-5	2-Nitrophenol	27000	UD
105-67-9	2,4-Dimethylphenol	27000	UD
111-91-1	bis(2-Chloroethoxy)methane	27000	UD
120-83-2	2,4-Dichlorophenol	27000	UD
91-20-3	Naphthalene	27000	UD
106-47-8	4-Chloroaniline	27000	UD
87-68-3	Hexachlorobutadiene	27000	UD
105-60-2	Caprolactam	27000	UD
59-50-7	4-Chloro-3-methylphenol	27000	UD
91-57-6	2-Methylnaphthalene	27000	UD
77-47-4	Hexachlorocyclopentadiene	27000	UD
88-06-2	2,4,6-Trichlorophenol	27000	UD
95-95-4	2,4,5-Trichlorophenol	27000	UD
92-52-4	1,1-Biphenyl	27000	UD
91-58-7	2-Chloronaphthalene	27000	UD
88-74-4	2-Nitroaniline	27000	UD
131-11-3	Dimethylphthalate	300 27000	UD

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Comments:

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11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08DL

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032420.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	27000	UD
606-20-2	2,6-Dinitrotoluene	27000	UD
99-09-2	3-Nitroaniline	27000	UD
83-32-9	Acenaphthene	27000	UD
51-28-5	2,4-Dinitrophenol	27000	UD
100-02-7	4-Nitrophenol	27000	UD
132-64-9	Dibenzofuran	27000	UD
121-14-2	2,4-Dinitrotoluene	27000	UD
84-66-2	Diethylphthalate	27000	UD
7005-72-3	4-Chlorophenyl-phenylether	27000	UD
86-73-7	Fluorene	27000	UD
100-01-6	4-Nitroaniline	27000	UD
534-52-1	4,6-Dinitro-2-methylphenol	27000	UD
86-30-6	N-Nitrosodiphenylamine	27000	UD
101-55-3	4-Bromophenyl-phenylether	27000	UD
118-74-1	Hexachlorobenzene	27000	UD
1912-24-9	Atrazine	27000	UD
87-86-5	Pentachlorophenol	27000	UD
85-01-8	Phenanthrene	8300	JD
120-12-7	Anthracene	27000	UD
86-74-8	Carbazole	27000	UD
84-74-2	Di-n-butylphthalate	27000	UD
206-44-0	Fluoranthene	11000	JD
129-00-0	Pyrene	12000	JD
85-68-7	Butylbenzylphthalate	5700	JD
91-94-1	3,3-Dichlorobenzidine	27000	UD
56-55-3	Benzo(a)anthracene	5200	JD
218-01-9	Chrysene	5500	JD
117-81-7	bis(2-Ethylhexyl)phthalate	110000	UD

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Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08DL

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BF032420.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	3500	JD
205-99-2	Benzo(b)fluoranthene	6000	JD
207-08-9	Benzo(k)fluoranthene	27000	UD
50-32-8	Benzo(a)pyrene	4700	JD
193-39-5	Indeno(1,2,3-cd)pyrene	3400	JD
53-70-3	Dibenz(a,h)anthracene	27000	UD
191-24-2	Benzo(g,h,i)perylene	3200	JD

Use
original

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-09Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF032403.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 5GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use reanalysis

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q	
100-52-7	Benzaldehyde	2200	✓	us
108-95-2	Phenol	2200	✓	R
111-44-4	bis(2-Chloroethyl)ether	2200	U	
95-57-8	2-Chlorophenol	2200	ψ	R
95-48-7	2-Methylphenol	2200	ψ	R
108-60-1	2,2-oxybis(1-Chloropropane)	2200	U	
98-86-2	Acetophenone	2200	U	
65794-96-9	3+4-Methylphenols	2200	✓	R
621-64-7	N-Nitroso-di-n-propylamine	2200	U	
67-72-1	Hexachloroethane	2200	U	
98-95-3	Nitrobenzene	2200	U	
78-59-1	Isophorone	2200	U	
88-75-5	2-Nitrophenol	2200	ψ	R
105-67-9	2,4-Dimethylphenol	2200	ψ	R
111-91-1	bis(2-Chloroethoxy)methane	2200	U	
120-83-2	2,4-Dichlorophenol	2200	✓	R
91-20-3	Naphthalene	2200	U	
106-47-8	4-Chloroaniline	2200	U	
87-68-3	Hexachlorobutadiene	2200	U	
105-60-2	Caprolactam	2200	U	
59-50-7	4-Chloro-3-methylphenol	2200	✓	R
91-57-6	2-Methylnaphthalene	2200	U	
77-47-4	Hexachlorocyclopentadiene	2200	✓	R
88-06-2	2,4,6-Trichlorophenol	2200	ψ	R
95-95-4	2,4,5-Trichlorophenol	2200	ψ	R
92-52-4	1,1-Biphenyl	2200	U	
91-58-7	2-Chloronaphthalene	2200	U	
88-74-4	2-Nitroaniline	2200	U	
131-11-3	Dimethylphthalate	370 2200	ψ U	

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF032403.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use Reanalysis

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	2200	U
606-20-2	2,6-Dinitrotoluene	2200	U
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	310	J
51-28-5	2,4-Dinitrophenol	2200	✓
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	2200	U
121-14-2	2,4-Dinitrotoluene	2200	U
84-66-2	Diethylphthalate	2200	U
7005-72-3	4-Chlorophenyl-phenylether	2200	U
86-73-7	Fluorene	280	J
100-01-6	4-Nitroaniline	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	2200	✓
86-30-6	N-Nitrosodiphenylamine	2200	U
101-55-3	4-Bromophenyl-phenylether	2200	U
118-74-1	Hexachlorobenzene	2200	U
1912-24-9	Atrazine	2200	U
87-86-5	Pentachlorophenol	2200	✓
85-01-8	Phenanthrene	3100	
120-12-7	Anthracene	880	✓
86-74-8	Carbazole	260	J
84-74-2	Di-n-butylphthalate	2200	U
206-44-0	Fluoranthene	4900	
129-00-0	Pyrene	7200	
85-68-7	Butylbenzylphthalate	2200	U
91-94-1	3,3-Dichlorobenzidine	2200	U
56-55-3	Benzo(a)anthracene	2800	
218-01-9	Chrysene	2800	
117-81-7	bis(2-Ethylhexyl)phthalate	270	J

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Comments:

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11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF032403.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units: ug/Kg

use reanalysis

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	2200	U
205-99-2	Benzo(b)fluoranthene	4200	J
207-08-9	Benzo(k)fluoranthene	1100	J
50-32-8	Benzo(a)pyrene	4200	J
193-39-5	Indeno(1,2,3-cd)pyrene	3200	J
53-70-3	Dibenz(a,h)anthracene	740	J
191-24-2	Benzo(g,h,i)perylene	3300	J

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF032403.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 11

*Use
Reanalysis*

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
141-79-7	3-Penten-2-one, 4-methyl-	3.08	1200	~~J~~
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	4700	~~AB~~
779-02-2	Anthracene, 9-methyl-	10.24	500	~~J~~
613-12-7	Anthracene, 2-methyl-	10.27	730	~~J~~
90-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	10.37	1200	~~J~~
80-05-7	Phenol, 4,4-(1-methylethylidene)b	11.43	1200	~~J~~
238-84-6	11H-Benzo[a]fluorene	11.78	860	~~J~~
2381-21-7	Pyrene, 1-methyl-	11.91	510	~~J~~
3442-78-2	Pyrene, 2-methyl-	12.02	460	~~J~~
192-97-2	Benzo[c]pyrene	14.47	950	~~J~~
205-82-3	Benzo[j]fluoranthene	14.76	3200	~~J~~

*J
R
J*

*aw
11/9/10*

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09RE

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF032418.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	2200	U	
108-95-2	Phenol	2200	✓	UJ
111-44-4	bis(2-Chloroethyl)ether	2200	U	
95-57-8	2-Chlorophenol	2200	✓	UJ
95-48-7	2-Methylphenol	2200	✓	UJ
108-60-1	2,2-oxybis(1-Chloropropane)	2200	U	
98-86-2	Acetophenone	2200	U	
65794-96-9	3+4-Methylphenols	2200	✓	UJ
621-64-7	N-Nitroso-di-n-propylamine	2200	U	
67-72-1	Hexachloroethane	2200	U	
98-95-3	Nitrobenzene	2200	U	
78-59-1	Isophorone	2200	U	
88-75-5	2-Nitrophenol	2200	✓	UJ
105-67-9	2,4-Dimethylphenol	2200	✓	UJ
111-91-1	bis(2-Chloroethoxy)methane	2200	U	
120-83-2	2,4-Dichlorophenol	2200	✓	UJ
91-20-3	Naphthalene	2200	U	
106-47-8	4-Chloroaniline	2200	U	
87-68-3	Hexachlorobutadiene	2200	U	
105-60-2	Caprolactam	2200	U	
59-50-7	4-Chloro-3-methylphenol	2200	✓	UJ
91-57-6	2-Methylnaphthalene	2200	U	
77-47-4	Hexachlorocyclopentadiene	2200	✓	UJ
88-06-2	2,4,6-Trichlorophenol	2200	✓	UJ
95-95-4	2,4,5-Trichlorophenol	2200	✓	UJ
92-52-4	1,1-Biphenyl	2200	U	
91-58-7	2-Chloronaphthalene	2200	U	
88-74-4	2-Nitroaniline	2200	U	
131-11-3	Dimethylphthalate	400 2200	✓ U	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09RE

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF032418.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
208-96-8	Acenaphthylene	2200	U
606-20-2	2,6-Dinitrotoluene	2200	U
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	320	J
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	2200	U
121-14-2	2,4-Dinitrotoluene	2200	U
84-66-2	Diethylphthalate	2200	U
7005-72-3	4-Chlorophenyl-phenylether	2200	U
86-73-7	Fluorene	330	J
100-01-6	4-Nitroaniline	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine	2200	U
101-55-3	4-Bromophenyl-phenylether	2200	U
118-74-1	Hexachlorobenzene	2200	U
1912-24-9	Atrazine	2200	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	3200	
120-12-7	Anthracene	920	J
86-74-8	Carbazole	310	J
84-74-2	Di-n-butylphthalate	2200	U
206-44-0	Fluoranthene	5000	
129-00-0	Pyrene	7000	
85-68-7	Butylbenzylphthalate	2200	U
91-94-1	3,3-Dichlorobenzidine	2200	U
56-55-3	Benzo(a)anthracene	2800	
218-01-9	Chrysene	2900	
117-81-7	bis(2-Ethylhexyl)phthalate	240	J

Comments:

11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09RE

Sample wt/vol: 30.08 (g/mL) g Lab File ID: BF032418.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 5

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	2200	U
205-99-2	Benzo(b)fluoranthene	4300	
207-08-9	Benzo(k)fluoranthene	1100	J
50-32-8	Benzo(a)pyrene	4300	
193-39-5	Indeno(1,2,3-cd)pyrene	3100	
53-70-3	Dibenz(a,h)anthracene	670	J
191-24-2	Benzo(g,h,i)perylene	3300	

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-10

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF032317.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	10	✓
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-10

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF032317.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-10

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF032317.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-10

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF032317.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.52	7.2	~~AB~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-12

Sample wt/vol: 970 (g/mL) ml Lab File ID: BF032318.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	10	<u>U</u>	ms
108-95-2	Phenol	10	<u>U</u>	
111-44-4	bis(2-Chloroethyl)ether	10	<u>U</u>	
95-57-8	2-Chlorophenol	10	<u>U</u>	
95-48-7	2-Methylphenol	10	<u>U</u>	
108-60-1	2,2-oxybis(1-Chloropropane)	10	<u>U</u>	
98-86-2	Acetophenone	10	<u>U</u>	
65794-96-9	3+4-Methylphenols	10	<u>U</u>	
621-64-7	N-Nitroso-di-n-propylamine	10	<u>U</u>	
67-72-1	Hexachloroethane	10	<u>U</u>	
98-95-3	Nitrobenzene	10	<u>U</u>	
78-59-1	Isophorone	10	<u>U</u>	
88-75-5	2-Nitrophenol	10	<u>U</u>	
105-67-9	2,4-Dimethylphenol	10	<u>U</u>	
111-91-1	bis(2-Chloroethoxy)methane	10	<u>U</u>	
120-83-2	2,4-Dichlorophenol	10	<u>U</u>	
91-20-3	Naphthalene	10	<u>U</u>	
106-47-8	4-Chloroaniline	10	<u>U</u>	
87-68-3	Hexachlorobutadiene	10	<u>U</u>	
105-60-2	Caprolactam	10	<u>U</u>	
59-50-7	4-Chloro-3-methylphenol	10	<u>U</u>	
91-57-6	2-Methylnaphthalene	10	<u>U</u>	
77-47-4	Hexachlorocyclopentadiene	10	<u>U</u>	
88-06-2	2,4,6-Trichlorophenol	10	<u>U</u>	
95-95-4	2,4,5-Trichlorophenol	10	<u>U</u>	
92-52-4	1,1-Biphenyl	10	<u>U</u>	
91-58-7	2-Chloronaphthalene	10	<u>U</u>	
88-74-4	2-Nitroaniline	10	<u>U</u>	
131-11-3	Dimethylphthalate	10	<u>U</u>	

Comments:

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11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-12

Sample wt/vol: 970 (g/mL) ml Lab File ID: BF032318.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): WATER Lab Sample ID: A5023-12Sample wt/vol: 970 (g/mL) ml Lab File ID: BF032318.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments: _____

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11/9/10



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-12

Sample wt/vol: 970 (g/mL) ml Lab File ID: BF032318.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.51	7.6	~~AB~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-13

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032397.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	3900	U	uJ
108-95-2	Phenol	3900	U	
111-44-4	bis(2-Chloroethyl)ether	3900	U	
95-57-8	2-Chlorophenol	3900	U	
95-48-7	2-Methylphenol	3900	U	
108-60-1	2,2-oxybis(1-Chloropropane)	3900	U	
98-86-2	Acetophenone	3900	U	
65794-96-9	3+4-Methylphenols	3900	U	
621-64-7	N-Nitroso-di-n-propylamine	3900	U	
67-72-1	Hexachloroethane	3900	U	
98-95-3	Nitrobenzene	3900	U	
78-59-1	Isophorone	3900	U	
88-75-5	2-Nitrophenol	3900	U	
105-67-9	2,4-Dimethylphenol	3900	U	
111-91-1	bis(2-Chloroethoxy)methane	3900	U	
120-83-2	2,4-Dichlorophenol	3900	U	
91-20-3	Naphthalene	1100	J	
106-47-8	4-Chloroaniline	3900	U	
87-68-3	Hexachlorobutadiene	3900	U	
105-60-2	Caprolactam	3900	U	
59-50-7	4-Chloro-3-methylphenol	3900	U	
91-57-6	2-Methylnaphthalene	720	J	
77-47-4	Hexachlorocyclopentadiene	3900	U	
88-06-2	2,4,6-Trichlorophenol	3900	U	
95-95-4	2,4,5-Trichlorophenol	3900	U	
92-52-4	1,1-Biphenyl	3900	U	
91-58-7	2-Chloronaphthalene	3900	U	
88-74-4	2-Nitroaniline	3900	U	
131-11-3	Dimethylphthalate	1800	JE	

Comments:

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11/9/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-13Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032397.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 18 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	3900	U
606-20-2	2,6-Dinitrotoluene	3900	U
99-09-2	3-Nitroaniline	3900	U
83-32-9	Acenaphthene	750	J
51-28-5	2,4-Dinitrophenol	3900	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	470	J
121-14-2	2,4-Dinitrotoluene	3900	U
84-66-2	Diethylphthalate	3900	U
7005-72-3	4-Chlorophenyl-phenylether	3900	U
86-73-7	Fluorene	1000	J
100-01-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-methylphenol	3900	U
86-30-6	N-Nitrosodiphenylamine	3900	U
101-55-3	4-Bromophenyl-phenylether	3900	U
118-74-1	Hexachlorobenzene	3900	U
1912-24-9	Atrazine	3900	U
87-86-5	Pentachlorophenol	3900	U
85-01-8	Phenanthrene	6600	
120-12-7	Anthracene	1600	J
86-74-8	Carbazole	690	J
84-74-2	Di-n-butylphthalate	3900	U
206-44-0	Fluoranthene	8300	
129-00-0	Pyrene	9100	
85-68-7	Butylbenzylphthalate	3100	J
91-94-1	3,3-Dichlorobenzidine	3900	U
56-55-3	Benzo(a)anthracene	4300	
218-01-9	Chrysene	4100	
117-81-7	bis(2-Ethylhexyl)phthalate	7500	

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-13Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032397.DLevel: (low/med) LOW Date Received: 11/05/09% Moisture: 18 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	3900	U
205-99-2	Benzo(b)fluoranthene	4600	
207-08-9	Benzo(k)fluoranthene	1400	J
50-32-8	Benzo(a)pyrene	3400	J
193-39-5	Indeno(1,2,3-cd)pyrene	2500	J
53-70-3	Dibenz(a,h)anthracene	690	J
191-24-2	Benzo(g,h,i)perylene	2500	J

Comments: _____

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**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-13

Sample wt/vol: 3.06 (g/mL) g Lab File ID: BF032397.D

Level: (low/med) LOW Date Received: 11/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 19

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
141-79-7	3-Penten-2-one, 4-methyl-	3.08	1200	✓
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	10000	AB
13798-23-7	Sulfur	8.27	4500	J
629-59-4	Tetradecane	8.43	1000	J
629-50-5	Tridecane	8.97	1300	J
112-95-8	Eicosane	9.5	980	J
779-02-2	Anthracene, 9-methyl-	10.24	1200	J
832-71-3	Phenanthrene, 3-methyl-	10.27	1100	J
203-64-5	4H-Cyclopenta[def]phenanthrene	10.37	2300	J
	Unknown11.45	11.45	1900	J
3442-78-2	Pyrene, 2-methyl-	11.86	850	J
638-68-6	Triacontane	11.89	820	J
593-49-7	Heptacosane	12.31	1600	J
55319-83-0	Docosane, 9-octyl-	12.72	3800	J
55320-06-4	Heneicosane, 11-decyl-	13.11	2900	J
	Unknown13.53	13.53	2700	J
630-02-4	Octacosane	14	2700	J
629-94-7	Heneicosane	14.56	2500	J
192-97-2	Benzo[e]pyrene	14.77	2200	J

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FORM I SV-TIC

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11/9/10



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-01

Sample wt/vol: 5.04 (g/mL) g Lab File ID: P7043172.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	120	U
58-89-9	gamma-BHC	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	U
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	120	U
72-55-9	4,4-DDE	120	U
72-20-8	Endrin	120	U
33213-65-9	Endosulfan II	120	U
72-54-8	4,4-DDD	120	U
1031-07-8	Endosulfan Sulfate	120	U
50-29-3	4,4-DDT	120	U
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	120	U
7421-93-4	Endrin aldehyde	120	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	1200	U

Comments: _____

FORM I PEST

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11/9/10

CHEMTECH

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-02Sample wt/vol: 5.08 (g/mL) g Lab File ID: P7043173.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 10GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	150	
58-89-9	gamma-BHC	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	U
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	120	U
72-55-9	4,4-DDE	120	U
72-20-8	Endrin	120	U
33213-65-9	Endosulfan II	120	U
72-54-8	4,4-DDD	120	U
1031-07-8	Endosulfan Sulfate	120	U
50-29-3	4,4-DDT	120	U
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	120	U
7421-93-4	Endrin aldehyde	120	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	1200	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 5.02 (g/mL) g Lab File ID: P7043174.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	120	U
58-89-9	gamma-BHC	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	U
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	120	U
72-55-9	4,4-DDE	120	U
72-20-8	Endrin	120	U
33213-65-9	Endosulfan II	120	U
72-54-8	4,4-DDD	120	U
1031-07-8	Endosulfan Sulfate	120	U
50-29-3	4,4-DDT	120	U
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	120	U
7421-93-4	Endrin aldehyde	120	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	1200	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409RE

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-03RESample wt/vol: 5.02 (g/mL) g Lab File ID: P7043184.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 10GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	<u>Q</u>
319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	120	U
58-89-9	gamma-BHC	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	U
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	120	U
72-55-9	4,4-DDE	120	U
72-20-8	Endrin	120	U
33213-65-9	Endosulfan II	120	U
72-54-8	4,4-DDD	120	U
1031-07-8	Endosulfan Sulfate	120	U
50-29-3	4,4-DDT	120	U
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	120	U
7421-93-4	Endrin aldehyde	120	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	1200	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04

Sample wt/vol: 5.1 (g/mL) g Lab File ID: P7043175.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	140	
58-89-9	gamma-BHC	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	U
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	120	U
72-55-9	4,4-DDE	120	U
72-20-8	Endrin	120	U
33213-65-9	Endosulfan II	120	U
72-54-8	4,4-DDD	120	U
1031-07-8	Endosulfan Sulfate	120	U
50-29-3	4,4-DDT	120	U
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	120	U
7421-93-4	Endrin aldehyde	120	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	1200	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-05

Sample wt/vol: 30.02 (g/mL) g Lab File ID: P7043176.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	25	U
319-85-7	beta-BHC	25	U
319-86-8	delta-BHC	25	U
58-89-9	gamma-BHC	25	U
76-44-8	Heptachlor	25	U
309-00-2	Aldrin	25	U
1024-57-3	Heptachlor epoxide	25	U
959-98-8	Endosulfan I	25	U
60-57-1	Dieldrin	25	U
72-55-9	4,4-DDE	25	U
72-20-8	Endrin	25	U
33213-65-9	Endosulfan II	25	U
72-54-8	4,4-DDD	25	U
1031-07-8	Endosulfan Sulfate	25	U
50-29-3	4,4-DDT	25	U
72-43-5	Methoxychlor	25	U
53494-70-5	Endrin ketone	25	U
7421-93-4	Endrin aldehyde	25	U
5103-71-9	alpha-Chlordane	25	U
5103-74-2	gamma-Chlordane	25	U
8001-35-2	Toxaphene	250	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 5.04 (g/mL) g Lab File ID: P7043177.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	130	U
319-85-7	beta-BHC	130	U
319-86-8	delta-BHC	130	U
58-89-9	gamma-BHC	130	U
76-44-8	Heptachlor	130	U
309-00-2	Aldrin	130	U
1024-57-3	Heptachlor epoxide	130	U
959-98-8	Endosulfan I	130	U
60-57-1	Dieldrin	130	U
72-55-9	4,4-DDE	130	U
72-20-8	Endrin	130	U
33213-65-9	Endosulfan II	130	U
72-54-8	4,4-DDD	130	U
1031-07-8	Endosulfan Sulfate	130	U
50-29-3	4,4-DDT	130	U
72-43-5	Methoxychlor	130	U
53494-70-5	Endrin ketone	130	U
7421-93-4	Endrin aldehyde	130	U
5103-71-9	alpha-Chlordane	130	U
5103-74-2	gamma-Chlordane	130	U
8001-35-2	Toxaphene	1300	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P7043178.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	94	~~U~~
58-89-9	gamma-BHC	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	U
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	120	U
72-55-9	4,4-DDE	120	U
72-20-8	Endrin	120	U
33213-65-9	Endosulfan II	120	U
72-54-8	4,4-DDD	120	U
1031-07-8	Endosulfan Sulfate	120	U
50-29-3	4,4-DDT	120	U
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	120	U
7421-93-4	Endrin aldehyde	120	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	1200	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 5.01 (g/mL) g Lab File ID: P7043185.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	170	U
319-85-7	beta-BHC	170	U
319-86-8	delta-BHC	660	~~U~~
58-89-9	gamma-BHC	170	U
76-44-8	Heptachlor	170	U
309-00-2	Aldrin	170	U
1024-57-3	Heptachlor epoxide	170	U
959-98-8	Endosulfan I	170	U
60-57-1	Dieldrin	170	U
72-55-9	4,4-DDE	170	U
72-20-8	Endrin	170	U
33213-65-9	Endosulfan II	170	U
72-54-8	4,4-DDD	170	U
1031-07-8	Endosulfan Sulfate	170	U
50-29-3	4,4-DDT	170	U
72-43-5	Methoxychlor	170	U
53494-70-5	Endrin ketone	170	U
7421-93-4	Endrin aldehyde	170	U
5103-71-9	alpha-Chlordane	170	U
5103-74-2	gamma-Chlordane	170	U
8001-35-2	Toxaphene	1700	U

Comments:

11/9/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Sample wt/vol: 30.08 (g/mL) g Lab File ID: P7043180.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
319-84-6	alpha-BHC	23	U
319-85-7	beta-BHC	23	U
319-86-8	delta-BHC	23	U
58-89-9	gamma-BHC	23	U
76-44-8	Heptachlor	23	U
309-00-2	Aldrin	23	U
1024-57-3	Heptachlor epoxide	23	U
959-98-8	Endosulfan I	23	U
60-57-1	Dieldrin	23	U
72-55-9	4,4-DDE	23	U
72-20-8	Endrin	23	U
33213-65-9	Endosulfan II	23	U
72-54-8	4,4-DDD	23	U
1031-07-8	Endosulfan Sulfate	23	U
50-29-3	4,4-DDT	23	U
72-43-5	Methoxychlor	23	U
53494-70-5	Endrin ketone	23	U
7421-93-4	Endrin aldehyde	23	U
5103-71-9	alpha-Chlordane	23	U
5103-74-2	gamma-Chlordane	23	U
8001-35-2	Toxaphene	230	U

Comments:



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): WATER Lab Sample ID: A5023-10Sample wt/vol: 980 (g/mL) ml Lab File ID: P7043044.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/09/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

319-84-6	alpha-BHC	0.051	U
319-85-7	beta-BHC	0.051	U
319-86-8	delta-BHC	0.051	U
58-89-9	gamma-BHC	0.051	U
76-44-8	Heptachlor	0.051	U
309-00-2	Aldrin	0.051	U
1024-57-3	Heptachlor epoxide	0.051	U
959-98-8	Endosulfan I	0.051	U
60-57-1	Dieldrin	0.051	U
72-55-9	4,4-DDE	0.051	U
72-20-8	Endrin	0.051	U
33213-65-9	Endosulfan II	0.051	U
72-54-8	4,4-DDD	0.051	U
1031-07-8	Endosulfan Sulfate	0.051	U
50-29-3	4,4-DDT	0.051	U
72-43-5	Methoxychlor	0.051	U
53494-70-5	Endrin ketone	0.051	U
7421-93-4	Endrin aldehyde	0.051	U
5103-71-9	alpha-Chlordane	0.051	U
5103-74-2	gamma-Chlordane	0.051	U
8001-35-2	Toxaphene	0.51	U

Comments: _____

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11/9/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-12

Sample wt/vol: 980 (g/mL) ml Lab File ID: P7043045.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/09/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
319-84-6	alpha-BHC	0.051	U
319-85-7	beta-BHC	0.051	U
319-86-8	delta-BHC	0.051	U
58-89-9	gamma-BHC	0.051	U
76-44-8	Heptachlor	0.051	U
309-00-2	Aldrin	0.051	U
1024-57-3	Heptachlor epoxide	0.051	U
959-98-8	Endosulfan I	0.051	U
60-57-1	Dieldrin	0.051	U
72-55-9	4,4-DDE	0.051	U
72-20-8	Endrin	0.051	U
33213-65-9	Endosulfan II	0.051	U
72-54-8	4,4-DDD	0.051	U
1031-07-8	Endosulfan Sulfate	0.051	U
50-29-3	4,4-DDT	0.051	U
72-43-5	Methoxychlor	0.051	U
53494-70-5	Endrin ketone	0.051	U
7421-93-4	Endrin aldehyde	0.051	U
5103-71-9	alpha-Chlordane	0.051	U
5103-74-2	gamma-Chlordane	0.051	U
8001-35-2	Toxaphene	0.51	U

Comments:

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-13Sample wt/vol: 5.09 (g/mL) g Lab File ID: P7043181.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 18 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 10GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	120	U
319-85-7	beta-BHC	120	U
319-86-8	delta-BHC	120	U
58-89-9	gamma-BHC	120	U
76-44-8	Heptachlor	120	U
309-00-2	Aldrin	120	U
1024-57-3	Heptachlor epoxide	120	U
959-98-8	Endosulfan I	120	U
60-57-1	Dieldrin	120	U
72-55-9	4,4-DDE	120	U
72-20-8	Endrin	120	U
33213-65-9	Endosulfan II	120	U
72-54-8	4,4-DDD	120	U
1031-07-8	Endosulfan Sulfate	120	U
50-29-3	4,4-DDT	120	U
72-43-5	Methoxychlor	120	U
53494-70-5	Endrin ketone	120	U
7421-93-4	Endrin aldehyde	120	U
5103-71-9	alpha-Chlordane	120	U
5103-74-2	gamma-Chlordane	120	U
8001-35-2	Toxaphene	1200	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: ChemtechContract: Gannett Fleming, Inc.Lab Code: CHEM Case No.: A5023SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOILLab Sample ID: A5023-01Sample wt/vol: 5 (g/mL) gLab File ID: P6033019.D% Moisture: 17 Decanted: (Y/N) NDate Received: 11/5/09Extraction: (Type) SOXHDate Extracted: 11/10/2009Concentrated Extract Volume: 10000 (uL)Date Analyzed: 11/10/09Injection Volume: 1.0 (uL)Dilution Factor: 1.0GPC Cleanup: (Y/N) N pH: N/ASulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	AROCLOR 1016	120	U	
11104-28-2	AROCLOR 1221	120	U	
11141-16-5	AROCLOR 1232	120	U	
53469-21-9	AROCLOR 1242	2300	~~U~~	J
12672-29-6	AROCLOR 1248	120	U	
11097-69-1	AROCLOR 1254	120	U	
11096-82-5	AROCLOR 1260	120	U	

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02

Sample wt/vol: 5.08 (g/mL) g Lab File ID: P6033020.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~9700~~ <u>19000</u>	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

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Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-02DL

Sample wt/vol: 5.08 (g/mL) g Lab File ID: P6033055.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 19 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	1200	UD
11104-28-2	Aroclor-1221	1200	UD
11141-16-5	Aroclor-1232	1200	UD
53469-21-9	Aroclor-1242	19000	UD
12672-29-6	Aroclor-1248	1200	UD
11097-69-1	Aroclor-1254	1200	UD
11096-82-5	Aroclor-1260	1200	UD

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Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03

Sample wt/vol: 5.02 (g/mL) g Lab File ID: P6033021.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~1200~~ 4800	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-03DL

Sample wt/vol: 5.02 (g/mL) g Lab File ID: P6033056.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	1200	UD
11104-28-2	Aroclor-1221	1200	UD
11141-16-5	Aroclor-1232	1200	UD
53469-21-9	Aroclor-1242	4800	UD
12672-29-6	Aroclor-1248	1200	UD
11097-69-1	Aroclor-1254	1200	UD
11096-82-5	Aroclor-1260	1200	UD

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Comments: _____



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-04Sample wt/vol: 5.1 (g/mL) g Lab File ID: P6033026.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~120~~ 9900 J	J
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-04DL

Sample wt/vol: 5.1 (g/mL) g Lab File ID: P6033057.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	1200	UD
11104-28-2	Aroclor-1221	1200	UD
11141-16-5	Aroclor-1232	1200	UD
53469-21-9	Aroclor-1242	9900	UD
12672-29-6	Aroclor-1248	1200	UD
11097-69-1	Aroclor-1254	1200	UD
11096-82-5	Aroclor-1260	1200	UD

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Comments: _____



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-05Sample wt/vol: 30.02 (g/mL) g Lab File ID: P6033027.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	25	U
11104-28-2	Aroclor-1221	25	U
11141-16-5	Aroclor-1232	25	U
53469-21-9	Aroclor-1242	~~18000~~ 74000	~~U~~
12672-29-6	Aroclor-1248	25	U
11097-69-1	Aroclor-1254	25	U
11096-82-5	Aroclor-1260	25	U

Comments: _____



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-05DL

Sample wt/vol: 30.02 (g/mL) g Lab File ID: P6033242.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/09

Injection Volume: 1 Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	13000	UD
11104-28-2	Aroclor-1221	13000	UD
11141-16-5	Aroclor-1232	13000	UD
53469-21-9	Aroclor-1242	74000	UD
12672-29-6	Aroclor-1248	13000	UD
11097-69-1	Aroclor-1254	13000	UD
11096-82-5	Aroclor-1260	13000	UD

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06

Sample wt/vol: 5.04 (g/mL) g Lab File ID: P6033145.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	130	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	130	U
53469-21-9	Aroclor-1242	130	U
12672-29-6	Aroclor-1248	130	U
11097-69-1	Aroclor-1254	~~12000~~ 14000	~~E~~
11096-82-5	Aroclor-1260	130	U

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Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-06DL

Sample wt/vol: 5.04 (g/mL) g Lab File ID: P6033147.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	1300	UD
11104-28-2	Aroclor-1221	1300	UD
11141-16-5	Aroclor-1232	1300	UD
53469-21-9	Aroclor-1242	1300	UD
12672-29-6	Aroclor-1248	1300	UD
11097-69-1	Aroclor-1254	14000	DP
11096-82-5	Aroclor-1260	1300	UD

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-07

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P6033146.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/13/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	120	U
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	~~17000~~ <u>22500</u>	~~U~~
11096-82-5	Aroclor-1260	120	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409DL

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-07DLSample wt/vol: 5.05 (g/mL) g Lab File ID: P6033148.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/12/09Injection Volume: 1 Dilution Factor: 10GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units: _____

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	1200	UD
11104-28-2	Aroclor-1221	1200	UD
11141-16-5	Aroclor-1232	1200	UD
53469-21-9	Aroclor-1242	1200	UD
12672-29-6	Aroclor-1248	1200	UD
11097-69-1	Aroclor-1254	22000	✓
11096-82-5	Aroclor-1260	1200	UD

Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08

Sample wt/vol: 5.01 (g/mL) g Lab File ID: P6033030.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	170	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	170	U
53469-21-9	Aroclor-1242	~~30000~~ 56000	~~U~~ J
12672-29-6	Aroclor-1248	170	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-08DL

Sample wt/vol: 5.01 (g/mL) g Lab File ID: P6033061.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

use original

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	3400	UD
11104-28-2	Aroclor-1221	3400	UD
11141-16-5	Aroclor-1232	3400	UD
53469-21-9	Aroclor-1242	56000	UD
12672-29-6	Aroclor-1248	3400	UD
11097-69-1	Aroclor-1254	3400	UD
11096-82-5	Aroclor-1260	3400	UD

J

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Sample wt/vol: 30.08 (g/mL) g Lab File ID: P6033031.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 26 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

12674-11-2	Aroclor-1016	23	U
11104-28-2	Aroclor-1221	23	U
11141-16-5	Aroclor-1232	23	U
53469-21-9	Aroclor-1242	210	
12672-29-6	Aroclor-1248	23	U
11097-69-1	Aroclor-1254	23	U
11096-82-5	Aroclor-1260	23	U

Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Contract: Gann03
 Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023
 Matrix (soil/water): WATER Lab Sample ID: A5023-10
 Sample wt/vol: 980 (g/mL) ml Lab File ID: P6032989.D
 Level: (low/med) Low Date Received: 11/05/09
 % Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09
 Injection Volume: 1 Dilution Factor: 1
 GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF
 Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
12674-11-2	Aroclor-1016	0.51	U
11104-28-2	Aroclor-1221	0.51	U
11141-16-5	Aroclor-1232	0.51	U
53469-21-9	Aroclor-1242	0.51	U
12672-29-6	Aroclor-1248	0.51	U
11097-69-1	Aroclor-1254	0.51	U
11096-82-5	Aroclor-1260	0.51	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): WATER Lab Sample ID: A5023-12

Sample wt/vol: 980 (g/mL) ml Lab File ID: P6032990.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/09/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/10/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.51	U
11104-28-2	Aroclor-1221	0.51	U
11141-16-5	Aroclor-1232	0.51	U
53469-21-9	Aroclor-1242	0.51	U
12672-29-6	Aroclor-1248	0.51	U
11097-69-1	Aroclor-1254	0.51	U
11096-82-5	Aroclor-1260	0.51	U

Comments:



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

13

EPA SAMPLE NO.

SB-18(4-6)

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023Matrix (soil/water): SOIL Lab Sample ID: A5023-13Sample wt/vol: 5.09 (g/mL) g Lab File ID: P6033032.DLevel: (low/med) Low Date Received: 11/05/09% Moisture: 18 Decanted: (Y/N) N Date Extracted: 11/10/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
12674-11-2	Aroclor-1016	120	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	120	U
53469-21-9	Aroclor-1242	~~5400~~ <u>6500</u>	~~U~~
12672-29-6	Aroclor-1248	120	U
11097-69-1	Aroclor-1254	120	U
11096-82-5	Aroclor-1260	120	U

Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

13DL

EPA SAMPLE NO.

SB-18(4-6)DL

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5023 SAS No.: A5023 SDG No.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-13DL

Sample wt/vol: 5.09 (g/mL) g Lab File ID: P6033062.D

Level: (low/med) Low Date Received: 11/05/09

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 11/10/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/11/09

Injection Volume: 1 Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	1200	UD
11104-28-2	Aroclor-1221	1200	UD
11141-16-5	Aroclor-1232	1200	UD
53469-21-9	Aroclor-1242	6500	D
12672-29-6	Aroclor-1248	1200	UD
11097-69-1	Aroclor-1254	1200	UD
11096-82-5	Aroclor-1260	1200	UD

Comments:

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
 Matrix (soil/water): SOIL Lab Sample ID: A5023-01
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 83.4
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4470			P
7440-36-0	Antimony	17.7			P
7440-38-2	Arsenic	44.8			P
7440-39-3	Barium	594			P
7440-41-7	Beryllium	0.61			P
7440-43-9	Cadmium	15.3			P
7440-70-2	Calcium	26000			P
7440-47-3	Chromium	163			P
7440-48-4	Cobalt	9.960			P
7440-50-8	Copper	2480			P
7439-89-6	Iron	55900			P
7439-92-1	Lead	3390			P
7439-95-4	Magnesium	3390			P
7439-96-5	Manganese	497			P
7439-97-6	Mercury	3.8			CV
7440-02-0	Nickel	94.5			P
7440-09-7	Potassium	634			P
7782-49-2	Selenium	4.040			P
7440-22-4	Silver	0.55	U		P
7440-23-5	Sodium	205			P
7440-28-0	Thallium	0.38	J		P
7440-62-2	Vanadium	26.8			P
7440-66-6	Zinc	~~11546.76~~ OR <u>15900</u>			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

11/9/10

1DL

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-25-01-0-4-110409D

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): SOIL Lab Sample ID: A5023-01DL
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 83.4
Concentration Units (ug/L or mg/kg dry weight): MG/KG

use original

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4070		D	P
7440-36-0	Antimony	17.0	J	D	P
7440-38-2	Arsenic	48.1		D	P
7440-39-3	Barium	589		D	P
7440-41-7	Beryllium	3.270	U	D	P
7440-43-9	Cadmium	14.0		D	P
7440-70-2	Calcium	26400		D	P
7440-47-3	Chromium	167		D	P
7440-48-4	Cobalt	9.370	J	D	P
7440-50-8	Copper	2580		D	P
7439-89-6	Iron	59700		D	P
7439-92-1	Lead	3400		D	P
7439-95-4	Magnesium	3440		D	P
7439-96-5	Manganese	520		D	P
7440-02-0	Nickel	94.0		D	P
7440-09-7	Potassium	619	J	D	P
7782-49-2	Selenium	6.880	J	D	P
7440-22-4	Silver	5.450	U	D	P
7440-23-5	Sodium	180	J	D	P
7440-28-0	Thallium	21.8	U	D	P
7440-62-2	Vanadium	27.0		D	P
7440-66-6	Zinc	15900		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

11/9/10

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-4-6-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): SOIL Lab Sample ID: A5023-02
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 81.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8890			P
7440-36-0	Antimony	17.7			P
7440-38-2	Arsenic	7.410			P
7440-39-3	Barium	602			P
7440-41-7	Beryllium	0.66			P
7440-43-9	Cadmium	14.1			P
7440-70-2	Calcium	57700			P
7440-47-3	Chromium	255			P
7440-48-4	Cobalt	11.7			P
7440-50-8	Copper	721			P
7439-89-6	Iron	45900			P
7439-92-1	Lead	2000			P
7439-95-4	Magnesium	6010			P
7439-96-5	Manganese	476			P
7439-97-6	Mercury	3.8			CV
7440-02-0	Nickel	149			P
7440-09-7	Potassium	1110			P
7782-49-2	Selenium	4.290			P
7440-22-4	Silver	0.52	U		P
7440-23-5	Sodium	887			P
7440-28-0	Thallium	1.130	J		P
7440-62-2	Vanadium	93.1			P
7440-66-6	Zinc	2460			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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11/9/10

3

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): SOIL Lab Sample ID: A5023-03
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 87.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14700			P
7440-36-0	Antimony	25.5			P
7440-38-2	Arsenic	104			P
7440-39-3	Barium	1730			P
7440-41-7	Beryllium	0.43			P
7440-43-9	Cadmium	23.2			P
7440-70-2	Calcium	28700			P
7440-47-3	Chromium	153			P
7440-48-4	Cobalt	22.7			P
7440-50-8	Copper	12864.16	OR	14000	P
7439-89-6	Iron	37000			P
7439-92-1	Lead	3270			P
7439-95-4	Magnesium	4200			P
7439-96-5	Manganese	505			P
7439-97-6	Mercury	4.0		D/	CV
7440-02-0	Nickel	229			P
7440-09-7	Potassium	833			P
7782-49-2	Selenium	241			P
7440-22-4	Silver	6.050			P
7440-23-5	Sodium	659			P
7440-28-0	Thallium	0.32	J		P
7440-62-2	Vanadium	33.4			P
7440-66-6	Zinc	4110			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

11/9/10

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Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-0-4-110409D

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): SOIL Lab Sample ID: A5023-03DL
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 87.6

Use original

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14300		D	P
7440-36-0	Antimony	26.1	J	D	P
7440-38-2	Arsenic	108		D	P
7440-39-3	Barium	1850		D	P
7440-41-7	Beryllium	3.420	U	D	P
7440-43-9	Cadmium	23.1		D	P
7440-70-2	Calcium	30400		D	P
7440-47-3	Chromium	165		D	P
7440-48-4	Cobalt	22.7		D	P
7440-50-8	Copper	14000		D	P
7439-89-6	Iron	41400		D	P
7439-92-1	Lead	3370		D	P
7439-95-4	Magnesium	4430		D	P
7439-96-5	Manganese	550		D	P
7440-02-0	Nickel	234		D	P
7440-09-7	Potassium	864	J	D	P
7782-49-2	Selenium	264		D	P
7440-22-4	Silver	6.240		D	P
7440-23-5	Sodium	650	J	D	P
7440-28-0	Thallium	22.8	U	D	P
7440-62-2	Vanadium	34.5		D	P
7440-66-6	Zinc	5070		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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11/9/10

4

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-21-01-0-2-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): SOIL Lab Sample ID: A5023-04
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 85.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7630			P
7440-36-0	Antimony	3.640			P
7440-38-2	Arsenic	0.33	J		P
7440-39-3	Barium	261			P
7440-41-7	Beryllium	2.460			P
7440-43-9	Cadmium	17.1			P
7440-70-2	Calcium	52800			P
7440-47-3	Chromium	53.7			P
7440-48-4	Cobalt	5.730			P
7440-50-8	Copper	290			P
7439-89-6	Iron	31500			P
7439-92-1	Lead	668			P
7439-95-4	Magnesium	8000			P
7439-96-5	Manganese	642			P
7439-97-6	Mercury	1.8			CV
7440-02-0	Nickel	57.1			P
7440-09-7	Potassium	1100			P
7782-49-2	Selenium	14.9			P
7440-22-4	Silver	1.860			P
7440-23-5	Sodium	528			P
7440-28-0	Thallium	0.62	J		P
7440-62-2	Vanadium	18.9			P
7440-66-6	Zinc	1810			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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11/9/10

5

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
 Matrix (soil/water): SOIL Lab Sample ID: A5023-05
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 67.4
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15700			P
7440-36-0	Antimony	20.3			P
7440-38-2	Arsenic	7.910			P
7440-39-3	Barium	871			P
7440-41-7	Beryllium	0.63			P
7440-43-9	Cadmium	19.2			P
7440-70-2	Calcium	55300			P
7440-47-3	Chromium	140			P
7440-48-4	Cobalt	15.7			P
7440-50-8	Copper	2230			P
7439-89-6	Iron	61800			P
7439-92-1	Lead	2160			P
7439-95-4	Magnesium	5770			P
7439-96-5	Manganese	463			P
7439-97-6	Mercury	3.6			CV
7440-02-0	Nickel	164			P
7440-09-7	Potassium	752			P
7782-49-2	Selenium	5.510			P
7440-22-4	Silver	0.65	U		P
7440-23-5	Sodium	510			P
7440-28-0	Thallium	0.52	J		P
7440-62-2	Vanadium	29.1			P
7440-66-6	Zinc	~~12063.23~~ OR 17600			P

Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

ml
11/9/10

5DL

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-24-01-0-2-110409D

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
 Matrix (soil/water): SOIL Lab Sample ID: A5023-05DL
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 67.4
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

use original

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15900		D	P
7440-36-0	Antimony	23.3	J	D	P
7440-38-2	Arsenic	12.7	J	D	P
7440-39-3	Barium	977		D	P
7440-41-7	Beryllium	3.900	U	D	P
7440-43-9	Cadmium	19.5		D	P
7440-70-2	Calcium	61900		D	P
7440-47-3	Chromium	163		D	P
7440-48-4	Cobalt	16.7	J	D	P
7440-50-8	Copper	2700		D	P
7439-89-6	Iron	70500		D	P
7439-92-1	Lead	2340		D	P
7439-95-4	Magnesium	6290		D	P
7439-96-5	Manganese	514		D	P
7440-02-0	Nickel	175		D	P
7440-09-7	Potassium	771	J	D	P
7782-49-2	Selenium	10.4	J	D	P
7440-22-4	Silver	6.510	U	D	P
7440-23-5	Sodium	523	J	D	P
7440-28-0	Thallium	26.0	U	D	P
7440-62-2	Vanadium	32.6		D	P
7440-66-6	Zinc	17600		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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11/9/10

6

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-0-4-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
 Matrix (soil/water): SOIL Lab Sample ID: A5023-06
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 78.6
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6800			P
7440-36-0	Antimony	36.9			P
7440-38-2	Arsenic	11.5			P
7440-39-3	Barium	784			P
7440-41-7	Beryllium	1.040			P
7440-43-9	Cadmium	20.9			P
7440-70-2	Calcium	36600			P
7440-47-3	Chromium	133			P
7440-48-4	Cobalt	14.0			P
7440-50-8	Copper	3120			P
7439-89-6	Iron	59400			P
7439-92-1	Lead	4190			P
7439-95-4	Magnesium	5560			P
7439-96-5	Manganese	474			P
7439-97-6	Mercury	12.700		✓	CV
7440-02-0	Nickel	171			P
7440-09-7	Potassium	638			P
7782-49-2	Selenium	3.890			P
7440-22-4	Silver	0.54	U		P
7440-23-5	Sodium	243			P
7440-28-0	Thallium	0.97	J		P
7440-62-2	Vanadium	69.5			P
7440-66-6	Zinc	6120			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

11/9/10

7

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
 Matrix (soil/water): SOIL Lab Sample ID: A5023-07
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 83.2
 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6650			P
7440-36-0	Antimony	129			P
7440-38-2	Arsenic	21.7			P
7440-39-3	Barium	1290			P
7440-41-7	Beryllium	0.98			P
7440-43-9	Cadmium	47.1			P
7440-70-2	Calcium	34400			P
7440-47-3	Chromium	192			P
7440-48-4	Cobalt	19.2			P
7440-50-8	Copper	2000			P
7439-89-6	Iron	96900			P
7439-92-1	Lead	9120			P
7439-95-4	Magnesium	14600			P
7439-96-5	Manganese	650			P
7439-97-6	Mercury	6.1			CV
7440-02-0	Nickel	259			P
7440-09-7	Potassium	318			P
7782-49-2	Selenium	4.550			P
7440-22-4	Silver	0.52	U		P
7440-23-5	Sodium	212			P
7440-28-0	Thallium	1.260	J		P
7440-62-2	Vanadium	104			P
7440-66-6	Zinc	19001.88	OR	43800	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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7DL

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-19-01-4-6-110409D

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): SOIL Lab Sample ID: A5023-07DL
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 83.2
Concentration Units (ug/L or mg/kg dry weight): MG/KG

Use original

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6770		D	P
7440-36-0	Antimony	139		D	P
7440-38-2	Arsenic	27.7		D	P
7440-39-3	Barium	1430		D	P
7440-41-7	Beryllium	1.120	J	D	P
7440-43-9	Cadmium	48.2		D	P
7440-70-2	Calcium	39100		D	P
7440-47-3	Chromium	227		D	P
7440-48-4	Cobalt	20.5		D	P
7440-50-8	Copper	2350		D	P
7439-89-6	Iron	117000		D	P
7439-92-1	Lead	10100		D	P
7439-95-4	Magnesium	15600		D	P
7439-96-5	Manganese	731		D	P
7440-02-0	Nickel	279		D	P
7440-09-7	Potassium	319	J	D	P
7782-49-2	Selenium	9.190	J	D	P
7440-22-4	Silver	5.230	U	D	P
7440-23-5	Sodium	209	J	D	P
7440-28-0	Thallium	20.9	U	D	P
7440-62-2	Vanadium	118		D	P
7440-66-6	Zinc	43800		D	P

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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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11/9/10

8

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-20-01-0-4-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): SOIL Lab Sample ID: A5023-08
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 60.4
Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8100			P
7440-36-0	Antimony	14.5			P
7440-38-2	Arsenic	9.060			P
7440-39-3	Barium	651			P
7440-41-7	Beryllium	0.68			P
7440-43-9	Cadmium	22.7			P
7440-70-2	Calcium	41900			P
7440-47-3	Chromium	174			P
7440-48-4	Cobalt	12.5			P
7440-50-8	Copper	789			P
7439-89-6	Iron	64400			P
7439-92-1	Lead	1980			P
7439-95-4	Magnesium	5530			P
7439-96-5	Manganese	545			P
7439-97-6	Mercury	4.6			CV
7440-02-0	Nickel	124			P
7440-09-7	Potassium	1170			P
7782-49-2	Selenium	3.700			P
7440-22-4	Silver	0.69	U		P
7440-23-5	Sodium	615			P
7440-28-0	Thallium	2.760	U		P
7440-62-2	Vanadium	29.9			P
7440-66-6	Zinc	3760			P

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Color Before: Brown Clarity Before: _____ Texture: Medium
Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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11/9/10

9

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-28-01-4-8-110409

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.

Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023

Matrix (soil/water): SOIL Lab Sample ID: A5023-09

Level (low/med): LOW Date Received: 11/5/2009

% Solids: 74.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5600			P
7440-36-0	Antimony	4.180			P
7440-38-2	Arsenic	7.590			P
7440-39-3	Barium	179			P
7440-41-7	Beryllium	0.39			P
7440-43-9	Cadmium	2.970			P
7440-70-2	Calcium	101000			P
7440-47-3	Chromium	20.9			P
7440-48-4	Cobalt	4.750			P
7440-50-8	Copper	518			P
7439-89-6	Iron	16000			P
7439-92-1	Lead	718			P
7439-95-4	Magnesium	6180			P
7439-96-5	Manganese	269			P
7439-97-6	Mercury	8.7		☒	CV
7440-02-0	Nickel	21.6			P
7440-09-7	Potassium	678			P
7782-49-2	Selenium	7.740			P
7440-22-4	Silver	0.59	U		P
7440-23-5	Sodium	283			P
7440-28-0	Thallium	2.370	U		P
7440-62-2	Vanadium	29.2			P
7440-66-6	Zinc	583			P

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Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments:

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10

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-04-09

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
Matrix (soil/water): WATER Lab Sample ID: A5023-10
Level (low/med): LOW Date Received: 11/5/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	48.2	J		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	50.0	U		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	2740			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	48.8	J		P
7439-92-1	Lead	6.000	U		P
7439-95-4	Magnesium	600	J		P
7439-96-5	Manganese	2.780	J		P
7439-97-6	Mercury	0.20	~~U~~	~~N~~	CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	72.5	J		P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	340	J		P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	20.0	U		P

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Color Before: Colorless Clarity Before: Clear Texture: _____
Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

12

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-11-05-09

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
 Matrix (soil/water): WATER Lab Sample ID: A5023-12
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16.9	J		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	50.0	U		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	3200			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	6.680	J		P
7439-89-6	Iron	64.1			P
7439-92-1	Lead	6.000	U		P
7439-95-4	Magnesium	683	J		P
7439-96-5	Manganese	1.760	J		P
7439-97-6	Mercury	0.20	~~U~~	~~N~~	CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	82.4	J		P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	415	J		P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	6.960	J		P

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Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

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13

Metals
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-18 (4-6)

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5023 NRAS No.: A5023 SDG NO.: A5023
 Matrix (soil/water): SOIL Lab Sample ID: A5023-13
 Level (low/med): LOW Date Received: 11/5/2009
 % Solids: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4130			P
7440-36-0	Antimony	1.940	J		P
7440-38-2	Arsenic	1.260			P
7440-39-3	Barium	182			P
7440-41-7	Beryllium	0.29			P
7440-43-9	Cadmium	1.900			P
7440-70-2	Calcium	46600			P
7440-47-3	Chromium	21.6			P
7440-48-4	Cobalt	4.090			P
7440-50-8	Copper	866			P
7439-89-6	Iron	13900			P
7439-92-1	Lead	421			P
7439-95-4	Magnesium	4690			P
7439-96-5	Manganese	174			P
7439-97-6	Mercury	2.4			CV
7440-02-0	Nickel	19.7			P
7440-09-7	Potassium	1350			P
7782-49-2	Selenium	0.89	J		P
7440-22-4	Silver	0.46	U		P
7440-23-5	Sodium	355			P
7440-28-0	Thallium	0.35	J		P
7440-62-2	Vanadium	19.6			P
7440-66-6	Zinc	388			P

Color Before: Brown Clarity Before: _____ Texture: Medium
 Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

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11/9/10

**DATA USABILITY SUMMARY REPORT
FRITO-LAY SITE, BROOKLYN, NEW YORK**

Client: Gannett Fleming Engineers, LLC, Locust Valley, New York
SDG: A5041
Laboratory: ChemTech, Mountainside, New Jersey
Site: Frito-Lay Site, Brooklyn, New York
Date: January 11, 2010

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SG-01	A5041-01	Air
1DL	SG-01DL	A5041-01DL	Air
1DL2	SG-01DL2	A5041-01DL2	Air
2	SG-02	A5041-02	Air
2DL	SG-02DL	A5041-02DL	Air
2DL2	SG-02DL2	A5041-02DL2	Air
3	SG-03	A5041-03	Air
3DL	SG-03DL	A5041-03DL	Air
3DL2	SG-03DL2	A5041-03DL2	Air

A Data Usability Summary Review was performed on the analytical data for three air samples collected by Gannett Fleming Engineers at the Frito-Lay Site in Brooklyn, New York.. The samples were analyzed under "*Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B*", Compendium Method TO-15, "*Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*".

The data have been evaluated according to the protocols and quality control (QC) requirements of the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-31, Revision 4, October 2006: Validating Air Samples - Volatile Organic Analysis of Ambient Air in Canister and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times
- Laboratory Control Samples
- Surrogate Spike Recoveries

- GC/MS Tuning
- Method Blank
- Initial Calibration
- Continuing Calibration
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

Overall Evaluation of Data and Potential Usability Issues

There were no rejections of data.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- One compound was qualified as estimated in several samples due to a low LCS recovery.
- Several compounds were qualified as estimated in several samples due to high internal standard recoveries.

Data Completeness

- All criteria were met.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
BSL1112A1	t-1,3-Dichloropropene	60%	J/UJ	1DL, 1DL2, 2, 2DL, 3, 3DL

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field and Trip Blanks

- There were no field QC samples associated with the samples in this report.

Initial Calibration

- All %RSD and average RRF values were acceptable.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- Several samples exhibited high concentrations of target compounds and were flagged (E) by the laboratory. The laboratory diluted and reanalyzed these samples. The reviewer replaced the original results with the dilution results. The original Form Is should be used for reporting purposes.

Internal Standard (IS) Area Performance

- The following table presents samples that exceeded the -50%/+100% area criteria for internal standard areas. Non-detected results for the associated compounds are considered estimated and qualified (UJ). Positive results for the associated compounds are considered estimated and qualified (J). Non-detected compounds that exceed the lower limit by -25% area criteria are considered rejected (R) and unusable for project objectives.

Sample ID	Internal Standard	Area Count	Qualifier
1	IS1-Bromochloromethane	High	J-Positive Associated cmpds
1DL	IS2-1,4-Difluorobenzene	High	J-Positive Associated cmpds
	IS3-Chlorobenzene-d5	High	J-Positive Associated cmpds
1DL2	IS2-1,4-Difluorobenzene	High	J-Positive Associated cmpds
2DL	IS2-1,4-Difluorobenzene	High	J-Positive Associated cmpds
	IS3-Chlorobenzene-d5	High	J-Positive Associated cmpds
3	IS1- Bromochloromethane	High	J-Positive Associated cmpds
	IS2-1,4-Difluorobenzene	High	J-Positive Associated cmpds
3DL	IS2-1,4-Difluorobenzene	High	J-Positive Associated cmpds
3DL2	IS1- Bromochloromethane	High	J-Positive Associated cmpds
	IS2-1,4-Difluorobenzene	High	J-Positive Associated cmpds
	IS3-Chlorobenzene-d5	High	J-Positive Associated cmpds

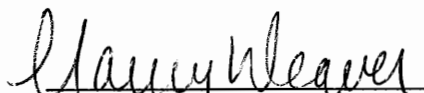
Field Duplicate Sample Precision

- Field duplicate samples were not analyzed.

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:


Nancy Weaver
Senior Chemist

Dated: 11/2/10

Data Qualifiers

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-01	SDG No.:	A5041
Lab Sample ID:	A5041-01	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012330.D	1		11/16/09	vl111609

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.81 J	4.00 J		0.5	0.04	ppbv
75-65-0	tert-Butyl alcohol	6	18.2		0.5	0.1	ppbv
74-87-3	Chloromethane	0.45 J	0.929 J	J	0.5	0.06	ppbv
80-62-6	Methyl Methacrylate	0.1	0.409	U	0.5	0.1	ppbv
75-01-4	Vinyl Chloride	0.15 J	0.383 J	J	0.5	0.07	ppbv
74-83-9	Bromomethane	0.03	0.116	U	0.5	0.03	ppbv
75-00-3	Chloroethane	0.07	0.185	U	0.5	0.07	ppbv
75-69-4	Trichlorofluoromethane	25 28	138 155	E	5 0.5	0.4 0.04	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.5	0.04	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.15 J	1.15 J	J	0.5	0.04	ppbv
593-60-2	Bromoethene	0.03	0.131	U	0.5	0.03	ppbv
142-82-5	Heptane	1.4 J	5.78 J		0.5	0.06	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.198	U	0.5	0.05	ppbv
67-64-1	Acetone	120 250	280 584	E	20 0.5	4 0.1	ppbv
75-15-0	Carbon Disulfide	3.4 J	10.7 J		0.5	0.05	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.5	0.05	ppbv
75-09-2	Methylene Chloride	0.19 J	0.66 J	J	0.5	0.05	ppbv
107-05-1	Allyl Chloride	0.05	0.157	U	0.5	0.05	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.238	U	0.5	0.06	ppbv
75-34-3	1,1-Dichloroethane	0.92 J	3.72 J		0.5	0.04	ppbv
110-82-7	Cyclohexane	2 J	6.71 J		0.5	0.08	ppbv
78-93-3	2-Butanone	120 72	366 211	E	5 0.5	1 0.1	ppbv
56-23-5	Carbon Tetrachloride	0.04	0.252	U	0.5	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.41 J	1.63 J	J	0.5	0.06	ppbv
67-66-3	Chloroform	1.4 J	6.93 J	J	0.5	0.02	ppbv
123-91-1	1,4-Dioxane	0.09	0.324	U	0.5	0.09	ppbv
71-55-6	1,1,1-Trichloroethane	8 J	43.6 J		0.5	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.236	U	0.5	0.08	ppbv
540-84-1	2,2,4-Trimethylpentane	0.75	3.50		0.5	0.04	ppbv
71-43-2	Benzene	2.3	7.48		0.5	0.04	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.283	U	0.5	0.07	ppbv
79-01-6	Trichloroethene	0.74	3.98		0.5	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.277	U	0.5	0.06	ppbv
75-27-4	Bromodichloromethane	0.05	0.335	U	0.5	0.05	ppbv
108-10-1	4-Methyl-2-Pentanone	0.42	1.72	J	0.5	0.06	ppbv
108-88-3	Toluene	16 13 J	58.5 49 J	E	5 0.5	0.5 0.05	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07	0.318	U	0.5	0.07	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.272	U	0.5	0.06	ppbv

NW
11/16/09

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-01	SDG No.:	A5041
Lab Sample ID:	A5041-01	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012330.D	1		11/16/09	vl111609

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.436	U	0.5	0.08	ppbv
124-48-1	Dibromochloromethane	0.05	0.426	U	0.5	0.05	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.538	U	0.5	0.07	ppbv
127-18-4	Tetrachloroethene	2519 J	168128 J	E	5	0.5	ppbv
108-90-7	Chlorobenzene	0.09	0.414	U	0.5	0.09	ppbv
100-41-4	Ethyl Benzene	2.5	10.8		0.5	0.08	ppbv
179601-23-1	m/p-Xylene	9.6	41.7		1	0.11	ppbv
95-47-6	o-Xylene	2.5	10.9		0.5	0.07	ppbv
100-42-5	Styrene	0.07	0.298	U	0.5	0.07	ppbv
75-25-2	Bromoform	0.05	0.517	U	0.5	0.05	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.687	U	0.5	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.518	U	0.5	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.97	4.77		0.5	0.09	ppbv
95-63-6	1,2,4-Trimethylbenzene	2.9	14.2		0.5	0.1	ppbv
622-96-8	4-Ethyltoluene	0.79	3.88		0.5	0.08	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.481	U	0.5	0.08	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.361	U	0.5	0.06	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.421	U	0.5	0.07	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.11	0.817	J	0.5	0.04	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.853	U	0.5	0.08	ppbv
106-99-0	1,3-Butadiene	0.09	0.199	U	0.5	0.09	ppbv
110-54-3	Hexane	2.9	10.2		0.5	0.04	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.8			108%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1039320		7.16			
540-36-3	1,4-Difluorobenzene	1580090		8.39			
3114-55-4	Chlorobenzene-d5	1481820		11.93			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

NW
11/16/09

IDL



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-01DL	SDG No.:	A5041
Lab Sample ID:	A5041-01DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012310.D	10		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.4	1.98	U	5	0.4	ppbv
75-65-0	tert-Butyl alcohol	6.5	19.7	~~U~~	5	1	ppbv
74-87-3	Chloromethane	0.6	1.24	U	5	0.6	ppbv
80-62-6	Methyl Methacrylate	1	4.10	U	5	1	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	5	0.7	ppbv
74-83-9	Bromomethane	0.3	1.16	U	5	0.3	ppbv
75-00-3	Chloroethane	0.7	1.85	U	5	0.7	ppbv
75-69-4	Trichlorofluoromethane	28	155	~~U~~	5	0.4	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.80	U	5	0.4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	5	0.4	ppbv
593-60-2	Bromoethene	0.3	1.31	U	5	0.3	ppbv
142-82-5	Heptane	1.7	6.97	~~U~~	5	0.6	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	5	0.5	ppbv
67-64-1	Acetone	250 190	447	584 ~~U~~	20 5	4 0.5	ppbv
75-15-0	Carbon Disulfide	3.8	11.8	~~U~~	5	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.80	U	5	0.5	ppbv
75-09-2	Methylene Chloride	0.5	1.74	U	5	0.5	ppbv
107-05-1	Allyl Chloride	0.5	1.56	U	5	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	5	0.4	ppbv
110-82-7	Cyclohexane	3.9	13.4	~~U~~	5	0.8	ppbv
78-93-3	2-Butanone	72	211	~~U~~	5	1	ppbv
56-23-5	Carbon Tetrachloride	0.4	2.52	U	5	0.4	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
67-66-3	Chloroform	1.2	5.86	~~U~~	5	0.2	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	5	0.9	ppbv
71-55-6	1,1,1-Trichloroethane	9.7	52.9	~~U~~	5	0.4	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	5	0.8	ppbv
540-84-1	2,2,4-Trimethylpentane	0.4	1.87	U	5	0.4	ppbv
71-43-2	Benzene	2.2 J	7.03 J	~~U~~	5	0.4	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	5	0.7	ppbv
79-01-6	Trichloroethene	0.6 J	3.22 J	~~U~~	5	0.4	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	5	0.6	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	5	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	5	0.6	ppbv
108-88-3	Toluene	13 J	49.0 J	~~U~~	5	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7 UJ	3.18 UJ	~~U~~	5	0.7	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	5	0.6	ppbv

nw
11/11/10

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-01DL	SDG No.:	A5041
Lab Sample ID:	A5041-01DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012310.D	10		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	5	0.8	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	5	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	5	0.7	ppbv
127-18-4	Tetrachloroethene	19 J	128 J	D	5	0.3	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	5	0.9	ppbv
100-41-4	Ethyl Benzene	1.5 J	6.52 J	ID	5	0.8	ppbv
179601-23-1	m/p-Xylene	6.4	27.8	ID	10	1.1	ppbv
95-47-6	o-Xylene	1.8	7.82	ID	5	0.7	ppbv
100-42-5	Styrene	0.7	2.98	U	5	0.7	ppbv
75-25-2	Bromoform	0.5	5.17	U	5	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	5	1	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	5	1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.9	4.42	U	5	0.9	ppbv
95-63-6	1,2,4-Trimethylbenzene	1.8 J	8.85 J	ID	5	1	ppbv
622-96-8	4-Ethyltoluene	0.8	3.93	U	5	0.8	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	5	0.8	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	5	0.6	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	5	0.7	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	5	0.4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	5	0.8	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	5	0.9	ppbv
110-54-3	Hexane	2.5 J	8.81 J	ID	5	0.4	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	8.56			86%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1338980		7.15			
540-36-3	1,4-Difluorobenzene	3722180		8.39			
3114-55-4	Chlorobenzene-d5	3101050		11.92			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

11/13/09

IDL2



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-01DL2	SDG No.:	A5041
Lab Sample ID:	A5041-01DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012311.D	40		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1.6	7.91	U	20	1.6	ppbv
75-65-0	tert-Butyl alcohol	8.4	25.5	J	20	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	20	2.4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	20	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	20	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	20	1.2	ppbv
75-00-3	Chloroethane	2.8	7.39	U	20	2.8	ppbv
75-69-4	Trichlorofluoromethane	36	200	J	20	1.6	ppbv
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	20	1.6	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	20	1.6	ppbv
593-60-2	Bromoethene	1.2	5.25	U	20	1.2	ppbv
142-82-5	Heptane	2.4	9.84	U	20	2.4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	20	2	ppbv
67-64-1	Acetone	250	584	J	20	4	ppbv
75-15-0	Carbon Disulfide	4.4	13.7	J	20	2	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	20	2	ppbv
75-09-2	Methylene Chloride	2	6.95	U	20	2	ppbv
107-05-1	Allyl Chloride	2	6.26	U	20	2	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	20	2.4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	20	1.6	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	20	3.2	ppbv
78-93-3	2-Butanone	90	264	J	20	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	20	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	20	2.4	ppbv
67-66-3	Chloroform	0.8	3.91	U	20	0.8	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	20	3.6	ppbv
71-55-6	1,1,1-Trichloroethane	12	67.7	J	20	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	20	3.2	ppbv
540-84-1	2,2,4-Trimethylpentane	1.6	7.47	U	20	1.6	ppbv
71-43-2	Benzene	1.6	5.11	U	20	1.6	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	20	2.8	ppbv
79-01-6	Trichloroethene	1.6	8.60	U	20	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	20	2.4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	20	2	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	20	2.4	ppbv
108-88-3	Toluene	14	51.3	J	20	2	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	J	20	2.8	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	20	2.4	ppbv

aw
11/11/10

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-01DL2	SDG No.:	A5041
Lab Sample ID:	A5041-01DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012311.D	40		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	20	3.2	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	20	2	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	20	2.8	ppbv
127-18-4	Tetrachloroethene	23 J	157 J	Ø	20	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	20	3.6	ppbv
100-41-4	Ethyl Benzene	3.2	13.9	U	20	3.2	ppbv
179601-23-1	m/p-Xylene	6	26.1	JØ	40	4.4	ppbv
95-47-6	o-Xylene	2.8	12.2	U	20	2.8	ppbv
100-42-5	Styrene	2.8	11.9	U	20	2.8	ppbv
75-25-2	Bromoform	2	20.7	U	20	2	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	20	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	20	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	3.6	17.7	U	20	3.6	ppbv
95-63-6	1,2,4-Trimethylbenzene	4	19.7	U	20	4	ppbv
622-96-8	4-Ethyltoluene	3.2	15.7	U	20	3.2	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	20	3.2	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	20	2.4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	20	2.8	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	20	1.6	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	20	3.2	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	20	3.6	ppbv
110-54-3	Hexane	1.6	5.64	U	20	1.6	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	8.69			87%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1202150		7.15			
540-36-3	1,4-Difluorobenzene	3348740		8.38			
3114-55-4	Chlorobenzene-d5	2861590		11.93			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

aw
11/11/10

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-02	SDG No.:	A5041
Lab Sample ID:	A5041-02	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012306.D	1		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1.7	8.41		0.5	0.04	ppbv
75-65-0	tert-Butyl alcohol	4.7	14.2		0.5	0.1	ppbv
74-87-3	Chloromethane	0.06	0.124	U	0.5	0.06	ppbv
80-62-6	Methyl Methacrylate	0.1	0.409	U	0.5	0.1	ppbv
75-01-4	Vinyl Chloride	0.07	0.179	U	0.5	0.07	ppbv
74-83-9	Bromomethane	0.03	0.116	U	0.5	0.03	ppbv
75-00-3	Chloroethane	0.07	0.185	U	0.5	0.07	ppbv
75-69-4	Trichlorofluoromethane	0.49	2.75	J	0.5	0.04	ppbv
76-14-2	Dichlorotetrafluoroethane	0.04	0.28	U	0.5	0.04	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.39	2.99	J	0.5	0.04	ppbv
593-60-2	Bromoethene	0.03	0.131	U	0.5	0.03	ppbv
142-82-5	Heptane	1	4.10		0.5	0.06	ppbv
75-35-4	1,1-Dichloroethene	0.05	0.198	U	0.5	0.05	ppbv
67-64-1	Acetone	100 260	243 621	E	20 0.5	4 0.1	ppbv
75-15-0	Carbon Disulfide	2.3	7.16		0.5	0.05	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.05	0.18	U	0.5	0.05	ppbv
75-09-2	Methylene Chloride	0.67	2.33		0.5	0.05	ppbv
107-05-1	Allyl Chloride	0.05	0.157	U	0.5	0.05	ppbv
156-60-5	trans-1,2-Dichloroethene	0.06	0.238	U	0.5	0.06	ppbv
75-34-3	1,1-Dichloroethane	0.04	0.162	U	0.5	0.04	ppbv
110-82-7	Cyclohexane	0.08	0.275	U	0.5	0.08	ppbv
78-93-3	2-Butanone	110 67	323 197	E	5 0.5	1 0.1	ppbv
56-23-5	Carbon Tetrachloride	0.04	0.252	U	0.5	0.04	ppbv
156-59-2	cis-1,2-Dichloroethene	0.06	0.238	U	0.5	0.06	ppbv
67-66-3	Chloroform	0.29	1.42	J	0.5	0.02	ppbv
123-91-1	1,4-Dioxane	0.09	0.324	U	0.5	0.09	ppbv
71-55-6	1,1,1-Trichloroethane	0.86	4.69		0.5	0.04	ppbv
109-99-9	Tetrahydrofuran	0.08	0.236	U	0.5	0.08	ppbv
540-84-1	2,2,4-Trimethylpentane	3	14.1		0.5	0.04	ppbv
71-43-2	Benzene	2.2	6.90		0.5	0.04	ppbv
107-06-2	1,2-Dichloroethane	0.07	0.283	U	0.5	0.07	ppbv
79-01-6	Trichloroethene	0.65	3.49		0.5	0.04	ppbv
78-87-5	1,2-Dichloropropane	0.06	0.277	U	0.5	0.06	ppbv
75-27-4	Bromodichloromethane	0.05	0.335		0.5	0.05	ppbv
108-10-1	4-Methyl-2-Pentanone	0.73	2.99		0.5	0.06	ppbv
108-88-3	Toluene	12	43.8		0.5	0.05	ppbv
10061-02-6	t-1,3-Dichloropropene	0.07 uJ	0.318 uJ	X	0.5	0.07	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.06	0.272	U	0.5	0.06	ppbv

WJ
11/11/10



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-02	SDG No.:	A5041
Lab Sample ID:	A5041-02	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012306.D	1		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	0.08	0.436	U	0.5	0.08	ppbv
124-48-1	Dibromochloromethane	0.05	0.426	U	0.5	0.05	ppbv
106-93-4	1,2-Dibromoethane	0.07	0.538	U	0.5	0.07	ppbv
127-18-4	Tetrachloroethene	~~23~~ 20 J	~~158~~ 136 J	~~E~~	~~5~~ 0.5	~~0.3~~ 0.03	ppbv
108-90-7	Chlorobenzene	0.09	0.414	U	0.5	0.09	ppbv
100-41-4	Ethyl Benzene	2.1	9.08		0.5	0.08	ppbv
179601-23-1	m/p-Xylene	8.3	36.2		1	0.11	ppbv
95-47-6	o-Xylene	2.5	10.7		0.5	0.07	ppbv
100-42-5	Styrene	0.07	0.298	U	0.5	0.07	ppbv
75-25-2	Bromoform	0.05	0.517	U	0.5	0.05	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.687	U	0.5	0.1	ppbv
95-49-8	2-Chlorotoluene	0.1	0.518	U	0.5	0.1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.56	2.75		0.5	0.09	ppbv
95-63-6	1,2,4-Trimethylbenzene	2	9.64		0.5	0.1	ppbv
622-96-8	4-Ethyltoluene	0.81	3.98		0.5	0.08	ppbv
541-73-1	1,3-Dichlorobenzene	0.08	0.481	U	0.5	0.08	ppbv
106-46-7	1,4-Dichlorobenzene	0.06	0.361	U	0.5	0.06	ppbv
95-50-1	1,2-Dichlorobenzene	0.07	0.421	U	0.5	0.07	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.04	0.297	U	0.5	0.04	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.08	0.853	U	0.5	0.08	ppbv
106-99-0	1,3-Butadiene	0.09	0.199	U	0.5	0.09	ppbv
110-54-3	Hexane	1.8	6.41		0.5	0.04	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.4			104%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1198300		7.16			
540-36-3	1,4-Difluorobenzene	1942540		8.39			
3114-55-4	Chlorobenzene-d5	1765810		11.93			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

new
1/11/10

2DL



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-02DL	SDG No.:	A5041
Lab Sample ID:	A5041-02DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012307.D	10		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.4	1.98	U	5	0.4	ppbv
75-65-0	tert-Butyl alcohol	5.4	16.4	U	5	1	ppbv
74-87-3	Chloromethane	0.6	1.24	U	5	0.6	ppbv
80-62-6	Methyl Methacrylate	1	4.10	U	5	1	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	5	0.7	ppbv
74-83-9	Bromomethane	0.3	1.16	U	5	0.3	ppbv
75-00-3	Chloroethane	0.7	1.85	U	5	0.7	ppbv
75-69-4	Trichlorofluoromethane	0.4	2.25	U	5	0.4	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.80	U	5	0.4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	5	0.4	ppbv
593-60-2	Bromoethene	0.3	1.31	U	5	0.3	ppbv
142-82-5	Heptane	1.5	6.15	JIP	5	0.6	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	5	0.5	ppbv
67-64-1	Acetone	170	405	ED	20	4	ppbv
75-15-0	Carbon Disulfide	2.6	8.10	JIP	5	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.80	U	5	0.5	ppbv
75-09-2	Methylene Chloride	0.5	1.74	U	5	0.5	ppbv
107-05-1	Allyl Chloride	0.5	1.56	U	5	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	5	0.4	ppbv
110-82-7	Cyclohexane	0.8	2.75	U	5	0.8	ppbv
78-93-3	2-Butanone	67	197	JIP	5	1	ppbv
56-23-5	Carbon Tetrachloride	0.4	2.52	U	5	0.4	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
67-66-3	Chloroform	0.2	0.977	U	5	0.2	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	5	0.9	ppbv
71-55-6	1,1,1-Trichloroethane	0.4	2.18	U	5	0.4	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	5	0.8	ppbv
540-84-1	2,2,4-Trimethylpentane	2.1 J	9.81 J	JIP	5	0.4	ppbv
71-43-2	Benzene	2 J	6.39 J	JIP	5	0.4	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	5	0.7	ppbv
79-01-6	Trichloroethene	0.6 J	3.22 J	JIP	5	0.4	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	5	0.6	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	5	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	5	0.6	ppbv
108-88-3	Toluene	11 J	40.3 J	JIP	5	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7 uJ	3.18 uJ	JIP	5	0.7	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	5	0.6	ppbv

dw
11/11/09



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-02DL	SDG No.:	A5041
Lab Sample ID:	A5041-02DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012307.D	10		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	5	0.8	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	5	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	5	0.7	ppbv
127-18-4	Tetrachloroethene	20 J	136 J	J	5	0.3	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	5	0.9	ppbv
100-41-4	Ethyl Benzene	1.3 J	5.65 J	J	5	0.8	ppbv
179601-23-1	m/p-Xylene	5.7 J	24.8 J	J	10	1.1	ppbv
95-47-6	o-Xylene	1.7 J	7.38 J	J	5	0.7	ppbv
100-42-5	Styrene	0.7	2.98	U	5	0.7	ppbv
75-25-2	Bromoform	0.5	5.17	U	5	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	5	1	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	5	1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.9	4.42	U	5	0.9	ppbv
95-63-6	1,2,4-Trimethylbenzene	1.4 J	6.88 J	J	5	1	ppbv
622-96-8	4-Ethyltoluene	0.8	3.93	U	5	0.8	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	5	0.8	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	5	0.6	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	5	0.7	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	5	0.4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	5	0.8	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	5	0.9	ppbv
110-54-3	Hexane	1.6 J	5.64 J	J	5	0.4	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	8.91			89%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1288670		7.15			
540-36-3	1,4-Difluorobenzene	3699810		8.39			
3114-55-4	Chlorobenzene-d5	3250200		11.93			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

lws
11/11/09

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-02DL2	SDG No.:	A5041
Lab Sample ID:	A5041-02DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012332.D	40		11/16/09	VL111609

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1.6	7.91	U	20	1.6	ppbv
75-65-0	tert-Butyl alcohol	8.4	25.5	JP	20	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	20	2.4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	20	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	20	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	20	1.2	ppbv
75-00-3	Chloroethane	2.8	7.39	U	20	2.8	ppbv
75-69-4	Trichlorofluoromethane	1.6	8.99	U	20	1.6	ppbv
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	20	1.6	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	20	1.6	ppbv
593-60-2	Bromoethene	1.2	5.25	U	20	1.2	ppbv
142-82-5	Heptane	2.4	9.84	U	20	2.4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	20	2	ppbv
67-64-1	Acetone	260	621	JP	20	4	ppbv
75-15-0	Carbon Disulfide	2	6.23	U	20	2	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	20	2	ppbv
75-09-2	Methylene Chloride	2	6.95	U	20	2	ppbv
107-05-1	Allyl Chloride	2	6.26	U	20	2	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	20	2.4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	20	1.6	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	20	3.2	ppbv
78-93-3	2-Butanone	86	253	JP	20	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	20	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	20	2.4	ppbv
67-66-3	Chloroform	0.8	3.91	U	20	0.8	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	20	3.6	ppbv
71-55-6	1,1,1-Trichloroethane	1.6	8.73	U	20	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	20	3.2	ppbv
540-84-1	2,2,4-Trimethylpentane	1.6	7.47	U	20	1.6	ppbv
71-43-2	Benzene	1.6	5.11	U	20	1.6	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	20	2.8	ppbv
79-01-6	Trichloroethene	1.6	8.60	U	20	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	20	2.4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	20	2	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	20	2.4	ppbv
108-88-3	Toluene	10	37.7	JP	20	2	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	U	20	2.8	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	20	2.4	ppbv

11/11/10

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-02DL2	SDG No.:	A5041
Lab Sample ID:	A5041-02DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012332.D	40		11/16/09	VL111609

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	20	3.2	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	20	2	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	20	2.8	ppbv
127-18-4	Tetrachloroethene	21	143	U	20	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	20	3.6	ppbv
100-41-4	Ethyl Benzene	3.2	13.9	U	20	3.2	ppbv
179601-23-1	m/p-Xylene	4.8	20.8	J	40	4.4	ppbv
95-47-6	o-Xylene	2.8	12.2	U	20	2.8	ppbv
100-42-5	Styrene	2.8	11.9	U	20	2.8	ppbv
75-25-2	Bromoform	2	20.7	U	20	2	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	20	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	20	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	3.6	17.7	U	20	3.6	ppbv
95-63-6	1,2,4-Trimethylbenzene	4	19.7	U	20	4	ppbv
622-96-8	4-Ethyltoluene	3.2	15.7	U	20	3.2	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	20	3.2	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	20	2.4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	20	2.8	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	20	1.6	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	20	3.2	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	20	3.6	ppbv
110-54-3	Hexane	1.6	5.64	U	20	1.6	ppbv

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	9.6		96%	65 - 135	SPK: 10

INTERNAL STANDARDS

74-97-5	Bromochloromethane	910095	7.15
540-36-3	1,4-Difluorobenzene	2294180	8.38
3114-55-4	Chlorobenzene-d5	1840140	11.92

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

luu
11/16/09

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-03	SDG No.:	A5041
Lab Sample ID:	A5041-03	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012308.D	10		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	470-440 J	2344 2175 J	✓	100-5	8-0.4	ppbv
75-65-0	tert-Butyl alcohol	1	3.03	U	5	1	ppbv
74-87-3	Chloromethane	0.6	1.24	U	5	0.6	ppbv
80-62-6	Methyl Methacrylate	1	4.10	U	5	1	ppbv
75-01-4	Vinyl Chloride	0.7	1.79	U	5	0.7	ppbv
74-83-9	Bromomethane	0.3	1.16	U	5	0.3	ppbv
75-00-3	Chloroethane	0.7	1.85	U	5	0.7	ppbv
75-69-4	Trichlorofluoromethane	430 490 J	2409 2731 J	✓	100-5	8-0.4	ppbv
76-14-2	Dichlorotetrafluoroethane	0.4	2.80	U	5	0.4	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	0.4	3.07	U	5	0.4	ppbv
593-60-2	Bromoethene	0.3	1.31	U	5	0.3	ppbv
142-82-5	Heptane	0.6	2.46	U	5	0.6	ppbv
75-35-4	1,1-Dichloroethene	0.5	1.98	U	5	0.5	ppbv
67-64-1	Acetone	1	2.38	U	5	1	ppbv
75-15-0	Carbon Disulfide	0.5	1.56	U	5	0.5	ppbv
1634-04-4	Methyl tert-Butyl Ether	0.5	1.80	U	5	0.5	ppbv
75-09-2	Methylene Chloride	0.5	1.74	U	5	0.5	ppbv
107-05-1	Allyl Chloride	0.5	1.56	U	5	0.5	ppbv
156-60-5	trans-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
75-34-3	1,1-Dichloroethane	0.4	1.62	U	5	0.4	ppbv
110-82-7	Cyclohexane	27 J	93.6 J		5	0.8	ppbv
78-93-3	2-Butanone	11 J	31.6 J		5	1	ppbv
56-23-5	Carbon Tetrachloride	0.4	2.52	U	5	0.4	ppbv
156-59-2	cis-1,2-Dichloroethene	0.6	2.38	U	5	0.6	ppbv
67-66-3	Chloroform	0.2	0.977	U	5	0.2	ppbv
123-91-1	1,4-Dioxane	0.9	3.24	U	5	0.9	ppbv
71-55-6	1,1,1-Trichloroethane	0.4	2.18	U	5	0.4	ppbv
109-99-9	Tetrahydrofuran	0.8	2.36	U	5	0.8	ppbv
540-84-1	2,2,4-Trimethylpentane	570-2200 J	2674 1638 J	✓	100-5	8-0.4	ppbv
71-43-2	Benzene	3.5 J	11.2 J	✓	5	0.4	ppbv
107-06-2	1,2-Dichloroethane	0.7	2.83	U	5	0.7	ppbv
79-01-6	Trichloroethene	0.4	2.15	U	5	0.4	ppbv
78-87-5	1,2-Dichloropropane	0.6	2.77	U	5	0.6	ppbv
75-27-4	Bromodichloromethane	0.5	3.35	U	5	0.5	ppbv
108-10-1	4-Methyl-2-Pentanone	0.6	2.46	U	5	0.6	ppbv
108-88-3	Toluene	8 J	30.1 J		5	0.5	ppbv
10061-02-6	t-1,3-Dichloropropene	0.7 uJ	3.18 uJ	✓	5	0.7	ppbv
10061-01-5	cis-1,3-Dichloropropene	0.6	2.72	U	5	0.6	ppbv

lu
1/11/10

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-03	SDG No.:	A5041
Lab Sample ID:	A5041-03	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012308.D	10		11/13/09	vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	0.8	4.36	U	5	0.8	ppbv
124-48-1	Dibromochloromethane	0.5	4.26	U	5	0.5	ppbv
106-93-4	1,2-Dibromoethane	0.7	5.38	U	5	0.7	ppbv
127-18-4	Tetrachloroethene	11 J	75.3 J		5	0.3	ppbv
108-90-7	Chlorobenzene	0.9	4.14	U	5	0.9	ppbv
100-41-4	Ethyl Benzene	1.4	6.08	J	5	0.8	ppbv
179601-23-1	m/p-Xylene	6.3	27.4	J	10	1.1	ppbv
95-47-6	o-Xylene	3	13.0	J	5	0.7	ppbv
100-42-5	Styrene	0.7	2.98	U	5	0.7	ppbv
75-25-2	Bromoform	0.5	5.17	U	5	0.5	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	5	1	ppbv
95-49-8	2-Chlorotoluene	1	5.18	U	5	1	ppbv
108-67-8	1,3,5-Trimethylbenzene	0.9	4.42	U	5	0.9	ppbv
95-63-6	1,2,4-Trimethylbenzene	1.3	6.39	J	5	1	ppbv
622-96-8	4-Ethyltoluene	0.8	3.93	U	5	0.8	ppbv
541-73-1	1,3-Dichlorobenzene	0.8	4.81	U	5	0.8	ppbv
106-46-7	1,4-Dichlorobenzene	0.6	3.61	U	5	0.6	ppbv
95-50-1	1,2-Dichlorobenzene	0.7	4.21	U	5	0.7	ppbv
120-82-1	1,2,4-Trichlorobenzene	0.4	2.97	U	5	0.4	ppbv
87-68-3	Hexachloro-1,3-Butadiene	0.8	8.53	U	5	0.8	ppbv
106-99-0	1,3-Butadiene	0.9	1.99	U	5	0.9	ppbv
110-54-3	Hexane	11	38.8		5	0.4	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	12.8			128%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1683900		7.15			
540-36-3	1,4-Difluorobenzene	4409800		8.39			
3114-55-4	Chlorobenzene-d5	2610520		11.93			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

3DL



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-03DL	SDG No.:	A5041
Lab Sample ID:	A5041-03DL	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012309.D	40		11/13/09	v111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1000	440 J	4962	2175 J	ED	100 20 8 1.6
75-65-0	tert-Butyl alcohol	4	12.1	U	20	4	ppbv
74-87-3	Chloromethane	2.4	4.96	U	20	2.4	ppbv
80-62-6	Methyl Methacrylate	4	16.4	U	20	4	ppbv
75-01-4	Vinyl Chloride	2.8	7.16	U	20	2.8	ppbv
74-83-9	Bromomethane	1.2	4.66	U	20	1.2	ppbv
75-00-3	Chloroethane	2.8	7.39	U	20	2.8	ppbv
75-69-4	Trichlorofluoromethane	990	490 J	5590	2731 J	ED	100 20 8 1.6
76-14-2	Dichlorotetrafluoroethane	1.6	11.2	U	20	1.6	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	1.6	12.3	U	20	1.6	ppbv
593-60-2	Bromoethene	1.2	5.25	U	20	1.2	ppbv
142-82-5	Heptane	2.4	9.84	U	20	2.4	ppbv
75-35-4	1,1-Dichloroethene	2	7.93	U	20	2	ppbv
67-64-1	Acetone	4	9.50	U	20	4	ppbv
75-15-0	Carbon Disulfide	2	6.23	U	20	2	ppbv
1634-04-4	Methyl tert-Butyl Ether	2	7.21	U	20	2	ppbv
75-09-2	Methylene Chloride	2	6.95	U	20	2	ppbv
107-05-1	Allyl Chloride	2	6.26	U	20	2	ppbv
156-60-5	trans-1,2-Dichloroethene	2.4	9.52	U	20	2.4	ppbv
75-34-3	1,1-Dichloroethane	1.6	6.48	U	20	1.6	ppbv
110-82-7	Cyclohexane	3.2	11.0	U	20	3.2	ppbv
78-93-3	2-Butanone	4	11.8	U	20	4	ppbv
56-23-5	Carbon Tetrachloride	1.6	10.1	U	20	1.6	ppbv
156-59-2	cis-1,2-Dichloroethene	2.4	9.52	U	20	2.4	ppbv
67-66-3	Chloroform	0.8	3.91	U	20	0.8	ppbv
123-91-1	1,4-Dioxane	3.6	13.0	U	20	3.6	ppbv
71-55-6	1,1,1-Trichloroethane	1.6	8.73	U	20	1.6	ppbv
109-99-9	Tetrahydrofuran	3.2	9.44	U	20	3.2	ppbv
540-84-1	2,2,4-Trimethylpentane	2000	2268 J	9238	10387 J	ED	100 20 8 1.6
71-43-2	Benzene	4.8	15.3	J	20	1.6	ppbv
107-06-2	1,2-Dichloroethane	2.8	11.3	U	20	2.8	ppbv
79-01-6	Trichloroethene	1.6	8.60	U	20	1.6	ppbv
78-87-5	1,2-Dichloropropane	2.4	11.1	U	20	2.4	ppbv
75-27-4	Bromodichloromethane	2	13.4	U	20	2	ppbv
108-10-1	4-Methyl-2-Pentanone	2.4	9.84	U	20	2.4	ppbv
108-88-3	Toluene	8.8	33.2	J	20	2	ppbv
10061-02-6	t-1,3-Dichloropropene	2.8	12.7	U	20	2.8	ppbv
10061-01-5	cis-1,3-Dichloropropene	2.4	10.9	U	20	2.4	ppbv

 EWJ
 11/11/09

Report of Analysis

Client: Gannett Fleming, Inc. Date Collected: 11/06/09
 Project: Frito-Lay RI Air Sampling Program Date Received: 11/07/09
 Client Sample ID: SG-03DL SDG No.: A5041
 Lab Sample ID: A5041-03DL Matrix: AIR
 Analytical Method: TO-15 Test: TO-15
 Sample Wt/Vol: 400 Units: mL

Use original

File ID/Qc Batch: VL012309.D Dilution: 40 Prep Date: 11/13/09 Date Analyzed: 11/13/09 Prep Batch ID: vl111209

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	3.2	17.5	U	20	3.2	ppbv
124-48-1	Dibromochloromethane	2	17.0	U	20	2	ppbv
106-93-4	1,2-Dibromoethane	2.8	21.5	U	20	2.8	ppbv
127-18-4	Tetrachloroethene	15 J	103 J	J	20	1.2	ppbv
108-90-7	Chlorobenzene	3.6	16.6	U	20	3.6	ppbv
100-41-4	Ethyl Benzene	3.2	13.9	U	20	3.2	ppbv
179601-23-1	m/p-Xylene	6	26.1	J	40	4.4	ppbv
95-47-6	o-Xylene	2.8	12.2	U	20	2.8	ppbv
100-42-5	Styrene	2.8	11.9	U	20	2.8	ppbv
75-25-2	Bromoform	2	20.7	U	20	2	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	4	27.5	U	20	4	ppbv
95-49-8	2-Chlorotoluene	4	20.7	U	20	4	ppbv
108-67-8	1,3,5-Trimethylbenzene	3.6	17.7	U	20	3.6	ppbv
95-63-6	1,2,4-Trimethylbenzene	4	19.7	U	20	4	ppbv
622-96-8	4-Ethyltoluene	3.2	15.7	U	20	3.2	ppbv
541-73-1	1,3-Dichlorobenzene	3.2	19.2	U	20	3.2	ppbv
106-46-7	1,4-Dichlorobenzene	2.4	14.4	U	20	2.4	ppbv
95-50-1	1,2-Dichlorobenzene	2.8	16.8	U	20	2.8	ppbv
120-82-1	1,2,4-Trichlorobenzene	1.6	11.9	U	20	1.6	ppbv
87-68-3	Hexachloro-1,3-Butadiene	3.2	34.1	U	20	3.2	ppbv
106-99-0	1,3-Butadiene	3.6	7.96	U	20	3.6	ppbv
110-54-3	Hexane	12	43.7	J	20	1.6	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.18			92%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1243730		7.15			
540-36-3	1,4-Difluorobenzene	3606170		8.39			
3114-55-4	Chlorobenzene-d5	2800490		11.93			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

new 1/11/10

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-03DL2	SDG No.:	A5041
Lab Sample ID:	A5041-03DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed:	Prep Batch ID
VL012331.D	200		11/16/09	vl111609

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units

TARGETS

75-71-8	Dichlorodifluoromethane	440 J	2175 J	✓	100	8	ppbv
75-65-0	tert-Butyl alcohol	20	60.6	U	100	20	ppbv
74-87-3	Chloromethane	12	24.8	U	100	12	ppbv
80-62-6	Methyl Methacrylate	20	81.9	U	100	20	ppbv
75-01-4	Vinyl Chloride	14	35.8	U	100	14	ppbv
74-83-9	Bromomethane	6	23.3	U	100	6	ppbv
75-00-3	Chloroethane	14	36.9	U	100	14	ppbv
75-69-4	Trichlorofluoromethane	490 J	2731 J	✓	100	8	ppbv
76-14-2	Dichlorotetrafluoroethane	8	55.9	U	100	8	ppbv
76-13-1	1,1,2-Trichlorotrifluoroethane	8	61.3	U	100	8	ppbv
593-60-2	Bromoethene	6	26.2	U	100	6	ppbv
142-82-5	Heptane	12	49.2	U	100	12	ppbv
75-35-4	1,1-Dichloroethene	10	39.6	U	100	10	ppbv
67-64-1	Acetone	20	47.5	U	100	20	ppbv
75-15-0	Carbon Disulfide	10	31.1	U	100	10	ppbv
1634-04-4	Methyl tert-Butyl Ether	10	36.1	U	100	10	ppbv
75-09-2	Methylene Chloride	10	34.7	U	100	10	ppbv
107-05-1	Allyl Chloride	10	31.3	U	100	10	ppbv
156-60-5	trans-1,2-Dichloroethene	12	47.6	U	100	12	ppbv
75-34-3	1,1-Dichloroethane	8	32.4	U	100	8	ppbv
110-82-7	Cyclohexane	16	55.1	U	100	16	ppbv
78-93-3	2-Butanone	20	59.0	U	100	20	ppbv
56-23-5	Carbon Tetrachloride	8	50.3	U	100	8	ppbv
156-59-2	cis-1,2-Dichloroethene	12	47.6	U	100	12	ppbv
67-66-3	Chloroform	4	19.5	U	100	4	ppbv
123-91-1	1,4-Dioxane	18	64.9	U	100	18	ppbv
71-55-6	1,1,1-Trichloroethane	8	43.6	U	100	8	ppbv
109-99-9	Tetrahydrofuran	16	47.2	U	100	16	ppbv
540-84-1	2,2,4-Trimethylpentane	2200 J	10387 J	✓	100	8	ppbv
71-43-2	Benzene	8	25.6	U	100	8	ppbv
107-06-2	1,2-Dichloroethane	14	56.7	U	100	14	ppbv
79-01-6	Trichloroethene	8	43.0	U	100	8	ppbv
78-87-5	1,2-Dichloropropane	12	55.5	U	100	12	ppbv
75-27-4	Bromodichloromethane	10	67.0	U	100	10	ppbv
108-10-1	4-Methyl-2-Pentanone	12	49.2	U	100	12	ppbv
108-88-3	Toluene	10	37.7	U	100	10	ppbv
10061-02-6	t-1,3-Dichloropropene	14	63.6	U	100	14	ppbv
10061-01-5	cis-1,3-Dichloropropene	12	54.5	U	100	12	ppbv

*Wes
11/16/09*

Report of Analysis

Client:	Gannett Fleming, Inc.	Date Collected:	11/06/09
Project:	Frito-Lay RI Air Sampling Program	Date Received:	11/07/09
Client Sample ID:	SG-03DL2	SDG No.:	A5041
Lab Sample ID:	A5041-03DL2	Matrix:	AIR
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

Use original

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL012331.D	200		11/16/09	vl111609

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	RL	MDL	Units
79-00-5	1,1,2-Trichloroethane	16	87.3	U	100	16	ppbv
124-48-1	Dibromochloromethane	10	85.2	U	100	10	ppbv
106-93-4	1,2-Dibromoethane	14	107	U	100	14	ppbv
127-18-4	Tetrachloroethene	6	40.7	U	100	6	ppbv
108-90-7	Chlorobenzene	18	82.9	U	100	18	ppbv
100-41-4	Ethyl Benzene	16	69.5	U	100	16	ppbv
179601-23-1	m/p-Xylene	22	95.6	U	200	22	ppbv
95-47-6	o-Xylene	14	60.8	U	100	14	ppbv
100-42-5	Styrene	14	59.6	U	100	14	ppbv
75-25-2	Bromoform	10	103	U	100	10	ppbv
79-34-5	1,1,2,2-Tetrachloroethane	20	137	U	100	20	ppbv
95-49-8	2-Chlorotoluene	20	103	U	100	20	ppbv
108-67-8	1,3,5-Trimethylbenzene	18	88.5	U	100	18	ppbv
95-63-6	1,2,4-Trimethylbenzene	20	98.3	U	100	20	ppbv
622-96-8	4-Ethyltoluene	16	78.7	U	100	16	ppbv
541-73-1	1,3-Dichlorobenzene	16	96.2	U	100	16	ppbv
106-46-7	1,4-Dichlorobenzene	12	72.1	U	100	12	ppbv
95-50-1	1,2-Dichlorobenzene	14	84.2	U	100	14	ppbv
120-82-1	1,2,4-Trichlorobenzene	8	59.4	U	100	8	ppbv
87-68-3	Hexachloro-1,3-Butadiene	16	170	U	100	16	ppbv
106-99-0	1,3-Butadiene	18	39.8	U	100	18	ppbv
110-54-3	Hexane	8	28.2	U	100	8	ppbv
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.1			91%	65 - 135	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1061860		7.15			
540-36-3	1,4-Difluorobenzene	3045660		8.38			
3114-55-4	Chlorobenzene-d5	2656460		11.92			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

mu
11/16/09

**DATA USABILITY SUMMARY REPORT
FRITO-LAY SITE, BROOKLYN, NEW YORK**

Client: Gannett Fleming Engineers, LLC, Hamilton, New Jersey
SDG: A5237
Laboratory: ChemTech, Mountainside, New Jersey
Site: Frito-Lay Site, Brooklyn, New York
Date: January 10, 2010

VOC			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SW-2-112009	A5237-01	Water
2	MW-7-112009	A5237-02	Water
3	MW-8-112009	A5237-03	Water
4	SED-4-112009	A5237-04	Soil
4RE	SED-4-112009RE	A5237-04RE	Soil
5MS	SED-4-112009MS	A5237-05MS	Soil
6MSD	SED-4-112009MSD	A5237-06MSD	Soil
7	DUP-SED-112009	A5237-07	Soil
8	SED-1-112009	A5237-08	Soil
9	SED-3-11-20-09	A5237-09	Soil
10	SED-2-11-20-09	A5237-10	Soil
11	MW-5-112009	A5237-11	Water
12	DUP-112009	A5237-12	Water
13	MW-3-112009	A5237-13	Water
14	MW-4-112009	A5237-14	Water
15MS	MW-4-112009MS	A5237-15MS	Water
16	MW-2-112009	A5237-16	Water
17	MW-1-112009	A5237-17	Water
18	MW-6-112009	A5237-18	Water
19	SW-1-112009	A5237-19	Water
20	FB	A5237-20	Water
21	TRIP	A5237-21	Water

SVOC			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SW-2-112009	A5237-01	Water
2	MW-7-112009	A5237-02	Water
2RE**	MW-7-112009RE	A5237-02RE	Water
3	MW-8-112009	A5237-03	Water
4	SED-4-112009	A5237-04	Soil
5MS	SED-4-112009MS	A5237-05MS	Soil
6MSD	SED-4-112009MSD	A5237-06MSD	Soil
7	DUP-SED-112009	A5237-07	Soil
8	SED-1-112009	A5237-08	Soil
9	SED-3-11-20-09	A5237-09	Soil
10	SED-2-11-20-09	A5237-10	Soil
11	MW-5-112009	A5237-11	Water
12	DUP-112009	A5237-12	Water

SVOC			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
13	MW-3-112009	A5237-13	Water
14	MW-4-112009	A5237-14	Water
15MS	MW-4-112009MS	A5237-15MS	Water
16	MW-2-112009	A5237-16	Water
17	MW-1-112009	A5237-17	Water
18	MW-6-112009	A5237-18	Water
19	SW-1-112009	A5237-19	Water
20	FB	A5237-20	Water

Pesticides			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
4	SED-4-112009	A5237-04	Soil
5MS	SED-4-112009MS	A5237-05MS	Soil
6MSD	SED-4-112009MSD	A5237-06MSD	Soil
7	DUP-SED-112009	A5237-07	Soil
8	SED-1-112009	A5237-08	Soil
9	SED-3-11-20-09	A5237-09	Soil
10	SED-2-11-20-09	A5237-10	Soil
20	FB	A5237-20	Water

PCB			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SW-2-112009	A5237-01	Water
2	MW-7-112009	A5237-02	Water
3	MW-8-112009	A5237-03	Water
4	SED-4-112009	A5237-04	Soil
5MS	SED-4-112009MS	A5237-05MS	Soil
6MSD	SED-4-112009MSD	A5237-06MSD	Soil
7	DUP-SED-112009	A5237-07	Soil
8	SED-1-112009	A5237-08	Soil
9	SED-3-11-20-09	A5237-09	Soil
10	SED-2-11-20-09	A5237-10	Soil
11	MW-5-112009	A5237-11	Water
12	DUP-112009	A5237-12	Water
13	MW-3-112009	A5237-13	Water
14	MW-4-112009	A5237-14	Water
15MS	MW-4-112009MS	A5237-15MS	Water
16	MW-2-112009	A5237-16	Water
17	MW-1-112009	A5237-17	Water
18	MW-6-112009	A5237-18	Water
19	SW-1-112009	A5237-19	Water
20	FB	A5237-20	Water

Metals			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
2	MW-7-112009	A5237-02	Water
3	MW-8-112009	A5237-03	Water
4	SED-4-112009	A5237-04	Soil
5MS	SED-4-112009MS	A5237-05MS	Soil
6MSD	SED-4-112009MSD	A5237-06MSD	Soil

Metals			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
7	DUP-SED-112009	A5237-07	Soil
8	SED-1-112009	A5237-08	Soil
9	SED-3-11-20-09	A5237-09	Soil
10	SED-2-11-20-09	A5237-10	Soil
11	MW-5-112009	A5237-11	Water
12	DUP-112009	A5237-12	Water
13	MW-3-112009	A5237-13	Water
14	MW-4-112009	A5237-14	Water
16	MW-2-112009	A5237-16	Water
17	MW-1-112009	A5237-17	Water
18	MW-6-112009	A5237-18	Water
20	FB	A5237-20	Water
22	MW-7-112009(D)	A5237-22	Water
23	MW-8-112009(D)	A5237-23	Water
24	MW-5-112009(D)	A5237-24	Water
25	DUP-112009(D)	A5237-25	Water
26	MW-3-112009(D)	A5237-26	Water
27	MW-4-112009(D)	A5237-27	Water
28MS	MW-4-112009(D)MS	A5237-28MS	Water
29	MW-2-112009(D)	A5237-29	Water
30	MW-1-112009(D)	A5237-30	Water
31	MW-6-112009(D)	A5237-31	Water
32	SW-2-112009(D)	A5237-32	Water
32DL	SW-2-112009(D)DL	A5237-32DL	Water
33	SW-1-112009(D)	A5237-33	Water
33DL	SW-1-112009(D)DL	A5237-33DL	Water
34	FB(D)	A5237-34	Water

A Data Usability Summary Review was performed on the analytical data for five water samples, one aqueous equipment field blank sample and one aqueous trip blank sample collected by Gannett Fleming Engineers at the Frito-Lay Site in Brooklyn, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *“Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions”*.

Specific method references are as follows:

Analysis

VOCs
SVOCs
Pesticides
PCB
Metals
Mercury

Method References

USEPA SW-846 Method 8260B & EPA Method 624
USEPA SW-846 Method 8270C & EPA Method 625
USEPA SW-846 Method 8081A & EPA Method 608
USEPA SW-846 Method 8082 & EPA Method 608
USEPA SW-846 Method 6010B & EPA Method 200.7
USEPA SW-846 Method 7471A & EPA Method 245.1

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, October 2006: Validating Volatile Organic Compounds by SW-846 Method 8260B;

- SOP Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

The following items/criteria were reviewed:

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Duplicate (LCS/LCSD) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were several rejections of data.

- Several VOC compounds were rejected in one sample and one reanalysis sample due to severely low surrogate recoveries.

- Several SVOC compounds were rejected in one reanalysis sample due to a severely low internal standard recovery.
- One pesticide compound was rejected in one sample due to a severely low LCS recovery.

Overall the remaining data is acceptable for the intended purposes. Data were qualified for the following deficiencies.

- All VOC compounds were qualified as estimated in one sample due to a low surrogate recovery.
- One VOC compound was qualified as nondetected in several samples due to method blank contamination.
- One VOC compound was qualified as estimated in two samples due to a high initial calibration %RSD value.
- Several VOC compounds were qualified as estimated in several samples due to high continuing calibration %D values.
- Several VOC compounds were qualified as estimated in one sample and one reanalysis sample due to low internal standard recoveries.
- One VOC compound was qualified as estimated in one duplicate pair due to poor field duplicate precision.
- One SVOC compound was qualified as nondetected in two samples due to method blank contamination.
- Several SVOC compounds were qualified as estimated in several samples due to high initial calibration %RSD values.
- One SVOC compound was qualified as estimated in one sample due to a high continuing calibration %D value.
- Several SVOC compounds were qualified as estimated in one sample due to a low internal standard recovery.
- One SVOC compound was qualified as estimated in one duplicate pair due to poor field duplicate precision.
- One PCB compound was qualified as estimated in one duplicate pair due to poor field duplicate precision.
- Fourteen metals compounds were qualified as estimated in all samples due to high MS/MSD %R and RPD values.
- Two metals compounds were qualified as nondetected in several samples due to method blank contamination.
- Two metals compounds were qualified as nondetected in several samples due to field blank contamination.
- One metals compound was qualified as estimated in one duplicate pair due to poor field duplicate precision.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Volatile Organics Compounds (VOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

Surrogate Spike Recoveries

- The following table presents samples that exhibited surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
4	Toluene-d8	65%	J/UJ

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents LCS percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS/MSD%R/RPD	Qualifier
4	Bromomethane	Ok/Ok/23	None - Already qualified due to surrogates and/or IS
	1,1,2-Trichlorotrifluoroethane	Ok/50%/23	
	Carbon disulfide	0%/-34%/200	
	Methyl acetate	218%/Ok/Ok	
	MTBE	Ok/Ok/21	
	Cyclohexane	Ok/46%/37	
	2-Butanone	Ok/Ok/25	
	Carbon tetrachloride	50%/41%/Ok	
	Methylcyclohexane	21%/14%/40	
	Bromodichloromethane	67%/46%/37	
	4-Methyl-2-pentanone	Ok/Ok/27	
	t-1,3-Dichloropropene	41%/34%/Ok	
	cis-1,3-Dichloropropene	35%/32%/Ok	
	Dibromochloromethane	55%/37%/39	
	Chlorobenzene	55%/38%/37	

4 (cont.)	Bromoform	46%/34%/30	None - Already qualified due to surrogates and/or IS
	Isopropylbenzene	202%/Ok/49	
	1,1,2,2-Tetrachloroethane	672%/420%/46	
	1,3-Trichlorobenzene	Ok/60%/34	
	1,4-Dichlorobenzene	29%/-13%/525	
	1,2-Dichlorobenzene	42%/8%/136	
	1,2,4-Trichlorobenzene	38%/27%/34	

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of common laboratory contaminants less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
VBG1130W2	1,2,4-Trichlorobenzene	4.7	23.5	U	1-3, 11, 12, 17-20

Blank ID	Compound	Conc. ug/kg	Action Level ug/kg	Qualifier	Affected Samples
VBI112551	Methylene chloride	2.6	26	None	All ND

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	Methylene chloride	1.2	12	None	See TB
TRIP BLANK	Methylene chloride	1.3	13	None	All ND or >10X

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The following table presents compounds that exceeded 20 percent (30% for Method 624) relative standard deviation (%RSD) and/or average RRF values <0.05 in the initial calibration (ICAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives.

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
11/30/09	Methyl acetate	23.44%	J/UJ	7, 8

Continuing Calibration

- The following table presents compounds that exceeded 20 percent (25% for Method 624) deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/30/09	Methyl acetate	26.4%	J/UJ	1-3, 11, 12, 17-20
	1,2,4-Trichlorobenzene	38.8%		
12/01/09	Chloromethane	30.8%	J/UJ	13, 14, 16, 21
	Acetone	36.4%		
	Carbon disulfide	39.0%		
	2-Hexanone	40.9%		
	1,2-Dibromo-3-chloropropane	34.5%		
	1,2,4-Trichlorobenzene	25.6%		

Compound Quantitation

- One sample exhibited internal standard and surrogate deficiencies. The sample was reanalyzed with similar results. The original analysis results should be used for reporting.

Internal Standard (IS) Area Performance

- The following table presents samples that exceeded the -50%/+100% area criteria for internal standard areas. Non-detected results for the associated compounds are considered estimated and qualified (UJ). Positive results for the associated compounds are considered estimated and qualified (J). Non-detected compounds that exceed the lower limit by -25% area criteria are considered rejected (R) and unusable for project objectives.

Sample ID	Internal Standard	Area Count	Qualifier
4	IS1=Pentafluorobenzene	Low	J/UJ
	IS2=1,4-Difluorobenzene		
	IS3=Chlorobenzene-d5	Severely Low	J/R
	IS4=1,4-Dichlorobenzene-d4		
4RE	IS3=Chlorobenzene-d5	Low	J/UJ
	IS4=1,4-Dichlorobenzene-d4	Severely Low	J/R

Field Duplicate Sample Precision

- Field duplicate results are summarized below. For a high RPD >100% for soil samples, results are considered estimated and qualified (J). The results are valid and usable, however possibly biased.

VOC				
Compound	SED-2-11-20-09 ug/kg	DUP-SED-112009 ug/kg	RPD	Qualifier
Acetone	150	48	103%	J
Carbon disulfide	15	20	29%	None
2-Butanone	40	86 U	NC	None

VOC				
Compound	MW-5-112009 ug/L	DUP-112009 ug/L	RPD	Qualifier
Methylene Chloride	5 U	0.8	NC	None
Methyl tert-butyl ether	30	27	11%	None
Toluene	1.2	5 U	NC	None
m/p-Xylenes	1.1	10 U	NC	None

Semivolatile Organics Compounds (SVOCs)

Data Completeness

- All criteria were met.

Holding Times

- All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- All %R and RPD criteria were met.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations of phthalates (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/kg	Action Level ug/kg	Qualifier	Affected Samples
PB46418B	Dimethylphthalate	100	1000	None	All ND

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
PB46432B	Acetophenone	0.38	1.9	U	13, 20

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The following table presents compounds that exceeded 20 percent (30% for Method 625) relative standard deviation (%RSD) and/or average RRF values <0.05 in the initial calibration (ICAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives.

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
12/04/09	2,4-Dinitrophenol	31.12%	J/UJ	1-3, 11-14
	4,6-Dinitro-2-methylphenol	33.46%		
	Pentachlorophenol	30.94%		
12/06/09	Pentachlorophenol	32.1%	J/UJ	2RE, 16-20

Continuing Calibration

- The following table presents compounds that exceeded 20 percent (25% for Method 625) deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/28/09	Benzaldehyde	21.0%	J/UJ	4

Compound Quantitation

- One sample exhibited internal standard deficiencies and was reanalyzed with slightly worse results. The original analysis results should be used for reporting.

Internal Standard (IS) Area Performance

- The following table presents samples that exceeded the -50%/+100% area criteria for internal standard areas. Non-detected results for the associated compounds are considered estimated and qualified (UJ). Positive results for the associated compounds are considered estimated and qualified (J). Non-detected compounds that exceed the lower limit by -25% area criteria are considered rejected (R) and unusable for project objectives.

Sample ID	Internal Standard	Area Count	Qualifier
2	IS6=Perylene-d12	Low	J/UJ - associated compounds
2RE	IS6=Perylene-d12	Severely Low	J/R - associated compounds

Field Duplicate Sample Precision

- Field duplicate results are summarized below. For a high RPD >100% for soil samples, results are considered estimated and qualified (J). The results are valid and usable, however possibly biased.

SVOC				
Compound	SED-2-11-20-09 ug/kg	DUP-SED-112009 ug/kg	RPD	Qualifier
Dimethylphthalate	5300	4000	28%	None
Fluoranthene	2400	4900	68%	None
Pyrene	2600	5100	65%	None
Benzo(a)anthracene	12000 U	1800	NC	None
Chrysene	12000 U	2300	NC	None
bis(2-Ethylhexyl)phthalate	19000	67000	112%	J
Di-n-octyl phthalate	12000 U	1200	NC	None
Benzo(b)fluoranthene	1400	1600	13%	None
Benzo(a)pyrene	12000 U	1200	NC	None
Benzo(g,h,i)perylene	12000 U	1100	NC	None

SVOC				
Compound	MW-5-112009 ug/L	DUP-112009 ug/L	RPD	Qualifier
bis(2-Ethylhexyl)phthalate	0.33	11 U	NC	None

Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for preserved water, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- The following table presents samples that exhibited surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
11 PCB	TCX1/TCX2/DCB1/DCB2	189%/Ok/Ok/Ok	None - All ND
12 PCB	TCX1/TCX2/DCB1/DCB2	166%/Ok/Ok/Ok	None - All ND
13 PCB	TCX1/TCX2/DCB1/DCB2	441%/Ok/Ok/Ok	None - All ND
14 PCB	TCX1/TCX2/DCB1/DCB2	256%/Ok/Ok/Ok	None - All ND
19 PCB	TCX1/TCX2/DCB1/DCB2	Ok/199%/Ok/Ok	None - All ND

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier
4 Pest	gamma-Chlordane	234%/235%/Ok	None - All ND
	Endrin aldehyde	531%/490%/Ok	
4 PCB	Aroclor-1016	303%/288%/Ok	None - All ND

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
PB46431BS	Toxaphene	0%	J/R	20

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- All %RSD and/or correlation coefficient criteria were met.

Continuing Calibration

- All %D criteria were met.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FIELD BLANK	None - ND	-	-	-	-

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Pest/PCB				
Compound	SED-2-11-20-09 ug/kg	DUP-SED-112009 ug/kg	RPD	Qualifier
Aroclor 1248	790	2800	112%	J

Pest/PCB				
Compound	MW-5-112009 ug/L	DUP-112009 ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals

Data Completeness

- All criteria were met.

Holding Times

- All samples were prepared and analyzed within 28 days for mercury and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS/MSD %R/RPD	Qualifier	Affected samples
4	Arsenic	Ok/Ok/43.6	J	All Samples
	Barium	Ok/Ok/39.0	J	
	Cadmium	384.8%/369.1%/43.5	J	
	Calcium	Ok/Ok/43.8	J	
	Chromium	651.8%/601.2%/40.5	J	
	Cobalt	119.4%/Ok/51.2	J	
	Copper	Ok/Ok/41.6	J	
	Lead	384.2%/386.7%/42.1	J	
	Manganese	298.7%/292.0%/38.2	J	
	Mercury	141.2%/128.5%/Ok	J	
	Nickel	416.9%/394.0%/47.3	J	
	Silver	168.1%/153.9%/Ok	J	
	Vanadium	180.9%/172.3%/37.1	J	
	Zinc	Ok/Ok/40.6	J	

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. mg/kg	Action Level mg/kg	Qualifier	Affected Samples
MB (Total)	Aluminum	2.556	25.56	None	All >10X
	Calcium	1.770	17.70		

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
MB (Dissolved)	Barium	4.55	45.5	None	All >10X
	Calcium	26.45	264.5		
	Iron	20.39	203.9		
	Sodium	27.16	271.60		
	Mercury	0.082	0.82	U	22-27, 29-33
	Thallium	2.34	23.4	U	26, 27

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. Detected sample concentrations less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. mg/kg	Action Level mg/kg	Qualifier	Affected Samples
FB (Total)	Calcium	139	1390	None	All >10X
	Copper	2.980	29.80		
	Iron	16.4	164		
	Mercury	0.080	0.800	U	11, 12, 17, 18
	Potassium	31.5	315	None	All >10X
	Zinc	35.5	355	U	3, 11, 12, 14, 16-18

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
FB (Dissolved)	Calcium	47.4	474	None	All >10X
	Zinc	67.2	672	U	22-27, 29-33

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- Two samples exhibited lead and zinc over the calibration range (OR) of the instrument. The samples were diluted and reanalyzed and the dilution results for lead and zinc should be used for reporting.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. For a high RPD >100% for soil samples, results are considered estimated and qualified (J). The results are valid and usable, however possibly biased.

Metals				
Compound	SED-2-11-20-09 mg/kg	DUP-SED-112009 mg/kg	RPD	Qualifier
Aluminum	11900	10200	15%	None
Antimony	31.1	28.1	10%	None
Arsenic	34.2	34.7	1%	None
Barium	583	400	37%	None
Beryllium	0.97	0.58	50%	None
Cadmium	57.5	186	106%	J
Calcium	18200	12000	41%	None
Chromium	283	731	88%	None
Cobalt	17.8	19.9	11%	None
Copper	1380	2300	50%	None
Iron	101000	59400	52%	None
Lead	2250	2070	8%	None
Magnesium	12800	9050	34%	None
Manganese	450	289	44%	None
Mercury	2.5	5.7	78%	None
Nickel	245	524	73%	None
Potassium	2550	2060	21%	None
Selenium	3.420	6.040	55%	None
Silver	1.460 U	20.6	NC	None
Sodium	18000	18800	4%	None
Vanadium	82.7	113	31%	None
Zinc	5290	6530	21%	None

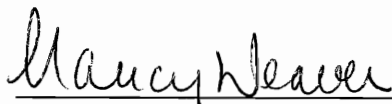
Metals				
Compound	MW-5-112009 ug/L	DUP-112009 ug/L	RPD	Qualifier
Aluminum	830	664	22%	None
Barium	190	186	2%	None
Calcium	143000	142000	1%	None
Copper	23.4	18.8	22%	None
Iron	2080	1600	26%	None
Lead	49.7	36.5	31%	None
Magnesium	28400	28200	1%	None
Manganese	427	419	2%	None
Mercury	0.4800	0.3300	37%	None
Nickel	9.710	15.8	48%	None
Potassium	34500	34400	0%	None
Sodium	155000	154000	1%	None
Vanadium	4.450	4.280	4%	None
Zinc	136	127	7%	None

Metals				
Compound	MW-5-112009(D) ug/L	DUP-112009(D) ug/L	RPD	Qualifier
Aluminum	89.3	79.6	11%	None
Barium	154	157	2%	None
Calcium	134000	139000	4%	None
Copper	4.030	3.350	18%	None
Iron	127	120	6%	None
Lead	14.2	14.2	0%	None
Magnesium	25900	26800	3%	None
Manganese	364	372	2%	None
Nickel	4.450	5.150	15%	None
Potassium	31600	32500	3%	None
Sodium	143000	148000	3%	None
Zinc	60.3	61.9	3%	None

Package Summary:

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:


Nancy Weaver
Senior Chemist

Dated: 1/14/10

Data Qualifiers

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-01Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023303.DLevel: (low/med) Date Received: 11/20/09% Moisture: not dec. 100 Date Analyzed: 12/01/09GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	0.6	J
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	0.7	J
79-20-9	Methyl Acetate	5	☒
75-09-2	Methylene Chloride	0.8	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	1.6	J
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U

LW
11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-01

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023303.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	0.7	J
10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	<u>16 5</u>	<u>AB UJ</u>



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023305.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	12	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	5	U
79-20-9	Methyl Acetate	5	~~U~~
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	1.4	J
75-34-3	1,1-Dichloroethane	2	J
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	6.3	
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	12	
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	1.3	J
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

UJ

juw
11/01/10



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-02Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023305.DLevel: (low/med) Date Received: 11/20/09% Moisture: not dec. 100 Date Analyzed: 12/01/09GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	~~7.6~~ 5	JB 4J

11/01/10



-1E-

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023305.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VM5 ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/L
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
91-20-3	Naphthalene	16.57	0.5	<u>✓</u>

juw
11/20/10



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-03Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023307.DLevel: (low/med) Date Received: 11/20/09% Moisture: not dec. 100 Date Analyzed: 12/01/09GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	1.6	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

puw
11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-03

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023307.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	~~16~~ 5	JB UJ



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): SOIL Lab Sample ID: A5237-04Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI029605.DLevel: (low/med) LOW Date Received: 11/20/09% Moisture: not dec. 79 Date Analyzed: 11/25/09GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	24	U
74-87-3	Chloromethane	24	U
75-01-4	Vinyl Chloride	24	U
74-83-9	Bromomethane	24	U
75-00-3	Chloroethane	24	U
75-69-4	Trichlorofluoromethane	24	U
76-13-1	1,1,2-Trichlorotrifluoroethane	24	U
75-35-4	1,1-Dichloroethene	24	U
67-64-1	Acetone	280	
75-15-0	Carbon Disulfide	250	
1634-04-4	Methyl tert-butyl Ether	24	U
79-20-9	Methyl Acetate	24	U
75-09-2	Methylene Chloride	37	~~U~~
156-60-5	trans-1,2-Dichloroethene	24	U
75-34-3	1,1-Dichloroethane	24	U
110-82-7	Cyclohexane	24	U
78-93-3	2-Butanone	120	U
56-23-5	Carbon Tetrachloride	24	U
156-59-2	cis-1,2-Dichloroethene	24	U
67-66-3	Chloroform	24	U
71-55-6	1,1,1-Trichloroethane	24	U
108-87-2	Methylcyclohexane	29	
71-43-2	Benzene	24	U
107-06-2	1,2-Dichloroethane	24	U
79-01-6	Trichloroethene	24	U
78-87-5	1,2-Dichloropropane	24	U
75-27-4	Bromodichloromethane	24	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI029605.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 79 Date Analyzed: 11/25/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/Kg	Q
108-10-1	4-Methyl-2-Pentanone	120	U
108-88-3	Toluene	24	U
10061-02-6	t-1,3-Dichloropropene	24	U
10061-01-5	cis-1,3-Dichloropropene	24	U
79-00-5	1,1,2-Trichloroethane	24	U
591-78-6	2-Hexanone	120	U
124-48-1	Dibromochloromethane	24	U
106-93-4	1,2-Dibromoethane	24	U
127-18-4	Tetrachloroethene	24	U
108-90-7	Chlorobenzene	140	U
100-41-4	Ethyl Benzene	8.9	I
179601-23-1	m/p-Xylenes	18	I
95-47-6	o-Xylene	24	I
100-42-5	Styrene	24	U
75-25-2	Bromoform	24	U
98-82-8	Isopropylbenzene	110	U
79-34-5	1,1,2,2-Tetrachloroethane	24	U
541-73-1	1,3-Dichlorobenzene	48	U
106-46-7	1,4-Dichlorobenzene	290	U
95-50-1	1,2-Dichlorobenzene	170	U
96-12-8	1,2-Dibromo-3-Chloropropane	24	U
120-82-1	1,2,4-Trichlorobenzene	24	U



-1E-
SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04

Sample wt/vol: 5.01 (g/mL) g Lab File ID: VI029605.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 79 Date Analyzed: 11/25/09

GC Column: RTX-VMs ID: 0.25 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 14 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000540-84-1	Pentane, 2,2,4-trimethyl-	7.94	350	J
000624-29-3	Cyclohexane, 1,4-dimethyl-, cis-	11.45	480	J
050876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-,	11.78	400	J
005911-04-6	Nonane, 3-methyl-	11.86	960	J
015869-80-4	Heptane, 3-ethyl-	12.02	1100	J
054345-59-4	2-Cyclohexen-1-ol, 2,6,6-trimethyl	12.16	830	J
007289-40-9	Ether, heptyl hexyl	12.42	650	J
	unknown12.49	12.49	640	J
103-65-1	n-propylbenzene	12.75	93	J
98-06-6	tert-Butylbenzene	13.26	24	J
95-63-6	1,2,4-Trimethylbenzene	13.31	14	J
135-98-8	sec-Butylbenzene	13.42	41	J
003522-94-9	Hexane, 2,2,5-trimethyl-	13.56	560	J
	unknown13.87	13.87	330	J

4/RE



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029615.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 79 Date Analyzed: 11/25/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	24	U
74-87-3	Chloromethane	24	U
75-01-4	Vinyl Chloride	24	U
74-83-9	Bromomethane	24	U
75-00-3	Chloroethane	24	U
75-69-4	Trichlorofluoromethane	24	U
76-13-1	1,1,2-Trichlorotrifluoroethane	24	U
75-35-4	1,1-Dichloroethene	24	U
67-64-1	Acetone	100	J
75-15-0	Carbon Disulfide	26	
1634-04-4	Methyl tert-butyl Ether	24	U
79-20-9	Methyl Acetate	24	U
75-09-2	Methylene Chloride	24	U
156-60-5	trans-1,2-Dichloroethene	24	U
75-34-3	1,1-Dichloroethane	24	U
110-82-7	Cyclohexane	24	U
78-93-3	2-Butanone	120	U
56-23-5	Carbon Tetrachloride	24	U
156-59-2	cis-1,2-Dichloroethene	24	U
67-66-3	Chloroform	24	U
71-55-6	1,1,1-Trichloroethane	24	U
108-87-2	Methylcyclohexane	21	J
71-43-2	Benzene	24	U
107-06-2	1,2-Dichloroethane	24	U
79-01-6	Trichloroethene	24	U
78-87-5	1,2-Dichloropropane	24	U
75-27-4	Bromodichloromethane	24	U
108-10-1	4-Methyl-2-Pentanone	120	U
108-88-3	Toluene	24	U

UJ
↓

aw
11/10/10

CHEMTech

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04RE

Sample wt/vol: 5 (g/mL) g Lab File ID: VI029615.D

Level: (low/med) **LOW** **Date Received:** **11/20/09**

% Moisture: not dec. 79 Date Analyzed: 11/25/09

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: / (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	~~ug/Kg~~	Q

10061-02-6	t-1,3-Dichloropropene	24	U
10061-01-5	cis-1,3-Dichloropropene	24	U
79-00-5	1,1,2-Trichloroethane	24	U
591-78-6	2-Hexanone	120	U
124-48-1	Dibromochloromethane	24	U
106-93-4	1,2-Dibromoethane	24	U
127-18-4	Tetrachloroethene	24	U
108-90-7	Chlorobenzene	57	
100-41-4	Ethyl Benzene	24	U
179601-23-1	m/p-Xylenes	11	J
95-47-6	o-Xylene	24	U
100-42-5	Styrene	24	U
75-25-2	Bromoform	24	U
98-82-8	Isopropylbenzene	95	
79-34-5	1,1,2,2-Tetrachloroethane	24	U
541-73-1	1,3-Dichlorobenzene	28	
106-46-7	1,4-Dichlorobenzene	170	
95-50-1	1,2-Dichlorobenzene	97	
96-12-8	1,2-Dibromo-3-Chloropropane	24	U
120-82-1	1,2,4-Trichlorobenzene	24	U

Use original

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VK036364.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 71 Date Analyzed: 11/30/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	17	U
74-87-3	Chloromethane	17	U
75-01-4	Vinyl Chloride	17	U
74-83-9	Bromomethane	17	U
75-00-3	Chloroethane	17	U
75-69-4	Trichlorofluoromethane	17	U
76-13-1	1,1,2-Trichlorotrifluoroethane	17	U
75-35-4	1,1-Dichloroethene	17	U
67-64-1	Acetone	48	✓
75-15-0	Carbon Disulfide	20	
1634-04-4	Methyl tert-butyl Ether	17	U
79-20-9	Methyl Acetate	17	✗
75-09-2	Methylene Chloride	17	U
156-60-5	trans-1,2-Dichloroethene	17	U
75-34-3	1,1-Dichloroethane	17	U
110-82-7	Cyclohexane	17	U
78-93-3	2-Butanone	86	U
56-23-5	Carbon Tetrachloride	17	U
156-59-2	cis-1,2-Dichloroethene	17	U
67-66-3	Chloroform	17	U
71-55-6	1,1,1-Trichloroethane	17	U
108-87-2	Methylcyclohexane	17	U
71-43-2	Benzene	17	U
107-06-2	1,2-Dichloroethane	17	U
79-01-6	Trichloroethene	17	U
78-87-5	1,2-Dichloropropane	17	U
75-27-4	Bromodichloromethane	17	U
108-10-1	4-Methyl-2-Pentanone	86	U
108-88-3	Toluene	17	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VK036364.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 71 Date Analyzed: 11/30/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	17	U
10061-01-5	cis-1,3-Dichloropropene	17	U
79-00-5	1,1,2-Trichloroethane	17	U
591-78-6	2-Hexanone	86	U
124-48-1	Dibromochloromethane	17	U
106-93-4	1,2-Dibromoethane	17	U
127-18-4	Tetrachloroethene	17	U
108-90-7	Chlorobenzene	17	U
100-41-4	Ethyl Benzene	17	U
179601-23-1	m/p-Xylenes	34	U
95-47-6	o-Xylene	17	U
100-42-5	Styrene	17	U
75-25-2	Bromoform	17	U
98-82-8	Isopropylbenzene	17	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U
541-73-1	1,3-Dichlorobenzene	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-50-1	1,2-Dichlorobenzene	17	U
96-12-8	1,2-Dibromo-3-Chloropropane	17	U
120-82-1	1,2,4-Trichlorobenzene	17	U



-1E-

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VK036364.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 71 Date Analyzed: 11/30/09

GC Column: RTX-VMt ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 10 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
016747-26-5	Hexane, 2,2,4-trimethyl-	7.41	59	
	unknown7.83	7.83	32	
013475-82-6	Heptane, 2,2,4,6,6-pentamethyl-	8.17	38	
	unknown8.25	8.25	45	
003891-98-3	Dodecane, 2,6,10-trimethyl-	8.37	81	
002847-72-5	Decane, 4-methyl-	8.74	40	
007325-84-0	Silane, trichlorodocosyl-	9.09	39	
018908-66-2	Heptane, 3-(bromomethyl)-	9.48	48	
002456-28-2	Decane, 1,1-oxybis-	9.59	41	
017301-23-4	Undecane, 2,6-dimethyl-	9.76	67	

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11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-08

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036365.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 65 Date Analyzed: 11/30/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
76-13-1	1,1,2-Trichlorotrifluoroethane	14	U
75-35-4	1,1-Dichloroethene	14	U
67-64-1	Acetone	110	
75-15-0	Carbon Disulfide	17	
1634-04-4	Methyl tert-butyl Ether	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	14	U
156-60-5	trans-1,2-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
110-82-7	Cyclohexane	14	U
78-93-3	2-Butanone	38	J
56-23-5	Carbon Tetrachloride	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
108-87-2	Methylcyclohexane	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U
79-01-6	Trichloroethene	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
108-10-1	4-Methyl-2-Pentanone	71	U
108-88-3	Toluene	14	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-08

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036365.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 65 Date Analyzed: 11/30/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
591-78-6	2-Hexanone	71	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
127-18-4	Tetrachloroethene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethyl Benzene	14	U
179601-23-1	m/p-Xylenes	28	U
95-47-6	o-Xylene	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-Chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-08

Sample wt/vol: 5.02 (g/mL) g Lab File ID: VK036365.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 65 Date Analyzed: 11/30/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 9 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
002847-72-5	Decane, 4-methyl-	8.11	30	J
002051-33-4	1-Hexanol, 5-methyl-2-(1-methyleth	8.36	25	J
	unknown9.63	9.63	35	J
006044-71-9	Dodecane, 6-methyl-	9.75	67	J
1000280-07-5	Pentafluoropropionic acid, pentade	10.01	37	J
020959-33-5	Heptadecane, 7-methyl-	10.16	49	J
056292-65-0	Dodecane, 2,5-dimethyl-	10.62	24	J
031295-56-4	Dodecane, 2,6,11-trimethyl-	10.8	34	J
006117-97-1	Dodecane, 4-methyl-	11.27	46	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-09

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VK036408.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 82 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	28	U
74-87-3	Chloromethane	28	U
75-01-4	Vinyl Chloride	28	U
74-83-9	Bromomethane	28	U
75-00-3	Chloroethane	28	U
75-69-4	Trichlorofluoromethane	28	U
76-13-1	1,1,2-Trichlorotrifluoroethane	28	U
75-35-4	1,1-Dichloroethene	28	U
67-64-1	Acetone	130	J
75-15-0	Carbon Disulfide	13	J
1634-04-4	Methyl tert-butyl Ether	28	U
79-20-9	Methyl Acetate	28	U
75-09-2	Methylene Chloride	28	U
156-60-5	trans-1,2-Dichloroethene	28	U
75-34-3	1,1-Dichloroethane	28	U
110-82-7	Cyclohexane	28	U
78-93-3	2-Butanone	140	U
56-23-5	Carbon Tetrachloride	28	U
156-59-2	cis-1,2-Dichloroethene	28	U
67-66-3	Chloroform	28	U
71-55-6	1,1,1-Trichloroethane	28	U
108-87-2	Methylcyclohexane	28	U
71-43-2	Benzene	28	U
107-06-2	1,2-Dichloroethane	28	U
79-01-6	Trichloroethene	28	U
78-87-5	1,2-Dichloropropane	28	U
75-27-4	Bromodichloromethane	28	U
108-10-1	4-Methyl-2-Pentanone	140	U
108-88-3	Toluene	28	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-09

Sample wt/vol: 5.03 (g/mL) g Lab File ID: VK036408.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 82 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	28	U
10061-01-5	cis-1,3-Dichloropropene	28	U
79-00-5	1,1,2-Trichloroethane	28	U
591-78-6	2-Hexanone	140	U
124-48-1	Dibromochloromethane	28	U
106-93-4	1,2-Dibromoethane	28	U
127-18-4	Tetrachloroethene	28	U
108-90-7	Chlorobenzene	28	U
100-41-4	Ethyl Benzene	28	U
179601-23-1	m/p-Xylenes	55	U
95-47-6	o-Xylene	28	U
100-42-5	Styrene	28	U
75-25-2	Bromoform	28	U
98-82-8	Isopropylbenzene	28	U
79-34-5	1,1,2,2-Tetrachloroethane	28	U
541-73-1	1,3-Dichlorobenzene	28	U
106-46-7	1,4-Dichlorobenzene	28	U
95-50-1	1,2-Dichlorobenzene	28	U
96-12-8	1,2-Dibromo-3-Chloropropane	28	U
120-82-1	1,2,4-Trichlorobenzene	28	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-10

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036409.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 74 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

75-71-8	Dichlorodifluoromethane	19	U
74-87-3	Chloromethane	19	U
75-01-4	Vinyl Chloride	19	U
74-83-9	Bromomethane	19	U
75-00-3	Chloroethane	19	U
75-69-4	Trichlorofluoromethane	19	U
76-13-1	1,1,2-Trichlorotrifluoroethane	19	U
75-35-4	1,1-Dichloroethene	19	U
67-64-1	Acetone	150	
75-15-0	Carbon Disulfide	15	J
1634-04-4	Methyl tert-butyl Ether	19	U
79-20-9	Methyl Acetate	19	U
75-09-2	Methylene Chloride	19	U
156-60-5	trans-1,2-Dichloroethene	19	U
75-34-3	1,1-Dichloroethane	19	U
110-82-7	Cyclohexane	19	U
78-93-3	2-Butanone	40	J
56-23-5	Carbon Tetrachloride	19	U
156-59-2	cis-1,2-Dichloroethene	19	U
67-66-3	Chloroform	19	U
71-55-6	1,1,1-Trichloroethane	19	U
108-87-2	Methylcyclohexane	19	U
71-43-2	Benzene	19	U
107-06-2	1,2-Dichloroethane	19	U
79-01-6	Trichloroethene	19	U
78-87-5	1,2-Dichloropropane	19	U
75-27-4	Bromodichloromethane	19	U
108-10-1	4-Methyl-2-Pentanone	96	U
108-88-3	Toluene	19	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-10

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036409.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 74 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

10061-02-6	t-1,3-Dichloropropene	19	U
10061-01-5	cis-1,3-Dichloropropene	19	U
79-00-5	1,1,2-Trichloroethane	19	U
591-78-6	2-Hexanone	96	U
124-48-1	Dibromochloromethane	19	U
106-93-4	1,2-Dibromoethane	19	U
127-18-4	Tetrachloroethene	19	U
108-90-7	Chlorobenzene	19	U
100-41-4	Ethyl Benzene	19	U
179601-23-1	m/p-Xylenes	38	U
95-47-6	o-Xylene	19	U
100-42-5	Styrene	19	U
75-25-2	Bromoform	19	U
98-82-8	Isopropylbenzene	19	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U
541-73-1	1,3-Dichlorobenzene	19	U
106-46-7	1,4-Dichlorobenzene	19	U
95-50-1	1,2-Dichlorobenzene	19	U
96-12-8	1,2-Dibromo-3-Chloropropane	19	U
120-82-1	1,2,4-Trichlorobenzene	19	U



-1E-

SOIL VOLATILE ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-10

Sample wt/vol: 5 (g/mL) g Lab File ID: VK036409.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 74 Date Analyzed: 12/02/09

GC Column: RTX-VMs ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 8 Concentration Units: ug/Kg
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown8.24	8.24	23	J
002425-77-6	1-Decanol, 2-hexyl-	8.35	22	J
	unknown8.93	8.93	23	J
062238-11-3	Decane, 2,3,5-trimethyl-	9.59	24	J
	unknown9.74	9.74	35	J
017301-22-3	Undecane, 2,5-dimethyl-	10.15	25	J
	unknown10.43	10.43	26	J
080655-44-3	Decahydro-4,4,8,9,10-pentamethylna	11.07	30	J

FORM I SV-TIC

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-11

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023309.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	30	
79-20-9	Methyl Acetate	5	✓
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	1.2	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-11

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023309.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	1.1	J
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	4.5	JB-UJ

11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-11

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023309.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/L
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	tert-Butyl Alcohol	1.91	15	<u>✓</u>



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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-12

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023311.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	27	
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	0.8	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-12

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023311.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	45	JB



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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-12

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023311.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume: _____

Number TICS found: 1 Concentration Units: ug/L
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	tert-Butyl Alcohol	1.91	23	<u>✓</u>

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-13

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023349.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	✓
75-01-4	Vinyl Chloride	1.1	J
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	4.3	✓
75-15-0	Carbon Disulfide	5	✓
1634-04-4	Methyl tert-Butyl Ether	10	
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	0.6	J
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	0.5	J
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U



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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-13

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023349.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	~~U~~
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	~~U~~
120-82-1	1,2,4-Trichlorobenzene	5	~~U~~

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-13

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023349.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/L
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
000565-80-0	3-Pentanone, 2,4-dimethyl-	8.78	4.2	Q J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-14

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023351.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	3.2	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	63	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	1	J
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-14

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023351.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	✓
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	✓
120-82-1	1,2,4-Trichlorobenzene	5	✓

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

14

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-14

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023351.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/L

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
75-65-0	tert-Butyl Alcohol	1.91	22	<u>✓</u>

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-16

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023350.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	✓
75-01-4	Vinyl Chloride	42	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	1.5	J
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	✓
75-15-0	Carbon Disulfide	5	✓
1634-04-4	Methyl tert-Butyl Ether	5.4	
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	0.5	J
75-34-3	1,1-Dichloroethane	6.4	
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	46	
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	1.4	J
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-16

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023350.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	1.4	J
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023301.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	1.2	J
79-20-9	Methyl Acetate	5	✓
75-09-2	Methylene Chloride	1.3	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	3.3	J
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	1.2	J
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	0.4	J

11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023301.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	3	J
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	495	JB UJ

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023301.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/L
(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
91-20-3	Naphthalene	16.57	0.5	<u>✓</u>

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023299.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	4.7	J
79-20-9	Methyl Acetate	5	✓
75-09-2	Methylene Chloride	1.4	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023299.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	<u>2.5</u>	<u>JB</u>

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11/10/10

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023299.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/L

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
91-20-3	Naphthalene	16.56	0.8	<u> </u>

J

lew
11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-19

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023297.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	6.5	J
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	5	U
79-20-9	Methyl Acetate	5	J
75-09-2	Methylene Chloride	0.8	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	0.7	J
67-66-3	Chloroform	0.6	J
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	2.3	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-19

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023297.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	0.5	J
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	25	U



-1E-

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-19

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023297.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 1 Concentration Units: ug/L

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
91-20-3	Naphthalene	16.56	1.3	<u>✓</u>

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-20Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023296.DLevel: (low/med) Date Received: 11/20/09% Moisture: not dec. 100 Date Analyzed: 12/01/09GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
1634-04-4	Methyl tert-Butyl Ether	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	1.2	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

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 11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-20

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023296.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	~~3.5~~ 5	~~U~~

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-20

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023296.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/01/09

GC Column: RTX-VM ID: 0.18 Dilution Factor: 1

Soil Extract Volume: 5000 Soil Aliquot Volume:

Number TICS found: 3 Concentration Units: ug/L

(ug/L or ug/Kg)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	13.69	4.7	J
91-20-3	Naphthalene	16.57	1.2	J
87-61-6	1,2,3-Trichlorobenzene	16.87	0.6	J

J
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11/10/10

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-21

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023346.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	✓
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	25	✓
75-15-0	Carbon Disulfide	5	✓
1634-04-4	Methyl tert-Butyl Ether	5	U
79-20-9	Methyl Acetate	5	U
75-09-2	Methylene Chloride	1.3	J
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
110-82-7	Cyclohexane	5	U
78-93-3	2-Butanone	25	U
56-23-5	Carbon Tetrachloride	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
108-87-2	Methylcyclohexane	2	U
71-43-2	Benzene	5	U
107-06-2	1,2-Dichloroethane	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
108-88-3	Toluene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-21

Sample wt/vol: 5 (g/mL) ml Lab File ID: VG023346.D

Level: (low/med) Date Received: 11/20/09

% Moisture: not dec. 100 Date Analyzed: 12/02/09

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

10061-02-6	t-1,3-Dichloropropene	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	✓
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U
127-18-4	Tetrachloroethene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethyl Benzene	5	U
179601-23-1	m/p-Xylenes	10	U
95-47-6	o-Xylene	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
95-50-1	1,2-Dichlorobenzene	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	✓
120-82-1	1,2,4-Trichlorobenzene	5	✓

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-01

Sample wt/vol: 980 (g/mL) ml Lab File ID: BE060506.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-01

Sample wt/vol: 980 (g/mL) ml Lab File ID: BE060506.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	5.4	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.09	0.550	~~f~~
	unknown6.68	6.68	6.6	~~f~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060504.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060504.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	✓
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	✓
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	✓
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060504.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
117-84-0	Di-n-octyl phthalate	11	U
205-99-2	Benzo(b)fluoranthene	0.47	J
207-08-9	Benzo(k)fluoranthene	0.54	J
50-32-8	Benzo(a)pyrene	11	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
53-70-3	Dibenz(a,h)anthracene	11	UJ
191-24-2	Benzo(g,h,i)perylene	11	UJ

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060504.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
3744-02-3	4-Penten-2-one, 4-methyl-	2.51	5.5	<u>✓</u>
141-79-7	3-Penten-2-one, 4-methyl-	2.96	160	<u>✓</u>
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	3.7	<u>✓</u>
95-50-1	1,2-Dichlorobenzene	5.09	0.620	<u>✓</u>
	unknown6.69	6.69	3.1	<u>✓</u>
88-19-7	Benzenesulfonamide, 2-methyl-	8.52	3.2	<u>✓</u>

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02RE

Sample wt/vol: 900 (g/mL) ml Lab File ID: BF033277.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

Concentration Units:

Use original

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009RE

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-02RE

Sample wt/vol: 900 (g/mL) ml Lab File ID: BF033277.D

Level: (low/med) _____ Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume:	1	Dilution Factor:	1

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF /

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/L

208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-03

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060505.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	✓
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	✓
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	✓
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-03

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060505.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	11	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.09	0.710	~~I~~
111-06-8	Hexadecanoic acid, butyl ester	11.23	2.6	~~I~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BE060263.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
100-52-7	Benzaldehyde	15000	☒
108-95-2	Phenol	15000	☐
111-44-4	bis(2-Chloroethyl)ether	15000	☐
95-57-8	2-Chlorophenol	15000	☐
95-48-7	2-Methylphenol	15000	☐
108-60-1	2,2-oxybis(1-Chloropropane)	15000	☐
98-86-2	Acetophenone	15000	☐
65794-96-9	3+4-Methylphenols	15000	☐
621-64-7	N-Nitroso-di-n-propylamine	15000	☐
67-72-1	Hexachloroethane	15000	☐
98-95-3	Nitrobenzene	15000	☐
78-59-1	Isophorone	15000	☐
88-75-5	2-Nitrophenol	15000	☐
105-67-9	2,4-Dimethylphenol	15000	☐
111-91-1	bis(2-Chloroethoxy)methane	15000	☐
120-83-2	2,4-Dichlorophenol	15000	☐
91-20-3	Naphthalene	15000	☐
106-47-8	4-Chloroaniline	15000	☐
87-68-3	Hexachlorobutadiene	15000	☐
105-60-2	Caprolactam	15000	☐
59-50-7	4-Chloro-3-methylphenol	15000	☐
91-57-6	2-Methylnaphthalene	15000	☐
77-47-4	Hexachlorocyclopentadiene	15000	☐
88-06-2	2,4,6-Trichlorophenol	15000	☐
95-95-4	2,4,5-Trichlorophenol	15000	☐
92-52-4	1,1-Biphenyl	15000	☐
91-58-7	2-Chloronaphthalene	15000	☐

Comments: _____

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BE060263.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
88-74-4	2-Nitroaniline	15000	U
131-11-3	Dimethylphthalate	5800	~~JB~~
208-96-8	Acenaphthylene	15000	U
606-20-2	2,6-Dinitrotoluene	15000	U
99-09-2	3-Nitroaniline	15000	U
83-32-9	Acenaphthene	15000	U
51-28-5	2,4-Dinitrophenol	15000	U
100-02-7	4-Nitrophenol	15000	U
132-64-9	Dibenzofuran	15000	U
121-14-2	2,4-Dinitrotoluene	15000	U
84-66-2	Diethylphthalate	15000	U
7005-72-3	4-Chlorophenyl-phenylether	15000	U
86-73-7	Fluorene	15000	U
100-01-6	4-Nitroaniline	15000	U
534-52-1	4,6-Dinitro-2-methylphenol	15000	U
86-30-6	N-Nitrosodiphenylamine	15000	U
101-55-3	4-Bromophenyl-phenylether	15000	U
118-74-1	Hexachlorobenzene	15000	U
1912-24-9	Atrazine	15000	U
87-86-5	Pentachlorophenol	15000	U
85-01-8	Phenanthrene	15000	U
120-12-7	Anthracene	15000	U
86-74-8	Carbazole	15000	U
84-74-2	Di-n-butylphthalate	15000	U
206-44-0	Fluoranthene	4300	J
129-00-0	Pyrene	4400	J
85-68-7	Butylbenzylphthalate	15000	U
91-94-1	3,3-Dichlorobenzidine	15000	U
56-55-3	Benzo(a)anthracene	1600	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BE060263.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
218-01-9	Chrysene	1900	J
117-81-7	bis(2-Ethylhexyl)phthalate	43000	
117-84-0	Di-n-octyl phthalate	15000	U
205-99-2	Benzo(b)fluoranthene	1700	J
207-08-9	Benzo(k)fluoranthene	15000	U
50-32-8	Benzo(a)pyrene	15000	U
193-39-5	Indeno(1,2,3-cd)pyrene	15000	U
53-70-3	Dibenz(a,h)anthracene	15000	U
191-24-2	Benzo(g,h,i)perylene	15000	U

Comments:

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**SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS**

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-04

Sample wt/vol: 3.05 (g/mL) g Lab File ID: BE060263.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 79 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.46	33000	~~AB~~
80-48-8	Benzenesulfonic acid, 4-methyl-, m	7.84	17000	
13798-23-7	Sulfur	8.21	5000	
640-61-9	Benzenesulfonamide, N,4-dimethyl-	8.9	33000	
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl	8.94	4200	
	unknown17.40	17.4	8600	

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BE060275.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	2,2-oxybis(1-Chloropropane)	11000	U
98-86-2	Acetophenone	11000	U
65794-96-9	3+4-Methylphenols	11000	U
621-64-7	N-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
105-60-2	Caprolactam	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	11000	U
92-52-4	1,1-Biphenyl	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	4000	JB

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BE060275.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
100-02-7	4-Nitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
86-73-7	Fluorene	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	N-Nitrosodiphenylamine	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
1912-24-9	Atrazine	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
86-74-8	Carbazole	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	4900	J
129-00-0	Pyrene	5100	J
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3-Dichlorobenzidine	11000	U
56-55-3	Benzo(a)anthracene	1800	J
218-01-9	Chrysene	2300	J
117-81-7	bis(2-Ethylhexyl)phthalate	67000	J

Comments:

11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BE060275.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	1200	J
205-99-2	Benzo(b)fluoranthene	1600	J
207-08-9	Benzo(k)fluoranthene	11000	U
50-32-8	Benzo(a)pyrene	1200	J
193-39-5	Indeno(1,2,3-cd)pyrene	11000	U
53-70-3	Dibenz(a,h)anthracene	11000	U
191-24-2	Benzo(g,h,i)perylene	1100	J

Comments: _____

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11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 3.07 (g/mL) g Lab File ID: BE060275.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 20

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.44	20000	~~JS~~
16747-32-3	Pentane, 3-ethyl-2,2-dimethyl-	5.25	7200	J
32357-83-8	Ether, hexyl pentyl	5.4	4900	J
6044-71-9	Dodecane, 6-methyl-	6.21	6200	J
	unknown6.43	6.43	4900	J
2051-30-1	Octane, 2,6-dimethyl-	6.55	6400	J
3891-98-3	Dodecane, 2,6,10-trimethyl-	7.13	6500	J
1000130-78-3	2-Methyl-Z-4-tetradecene	7.27	4600	J
	unknown7.80	7.8	3900	J
13798-23-7	Sulfur	8.21	7000	J
15869-93-9	Octane, 3,5-dimethyl-	8.63	7300	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.94	18000	J
490-65-3	Naphthalene, 1-methyl-7-(1-methyle	9	5300	J
	unknown9.03	9.03	5100	J
	unknown9.19	9.19	6500	J
544-76-3	Hexadecane	9.48	11000	J
613-12-7	Anthracene, 2-methyl-	10.18	4100	J
3674-66-6	Phenanthrene, 2,5-dimethyl-	10.85	5700	J
6566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	11.1	7100	J
	unknown17.45	17.45	65000	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060276.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 65 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	9100	U
108-95-2	Phenol	920	J
111-44-4	bis(2-Chloroethyl)ether	9100	U
95-57-8	2-Chlorophenol	9100	U
95-48-7	2-Methylphenol	9100	U
108-60-1	2,2-oxybis(1-Chloropropane)	9100	U
98-86-2	Acetophenone	9100	U
65794-96-9	3+4-Methylphenols	9100	U
621-64-7	N-Nitroso-di-n-propylamine	9100	U
67-72-1	Hexachloroethane	9100	U
98-95-3	Nitrobenzene	9100	U
78-59-1	Isophorone	9100	U
88-75-5	2-Nitrophenol	9100	U
105-67-9	2,4-Dimethylphenol	9100	U
111-91-1	bis(2-Chloroethoxy)methane	9100	U
120-83-2	2,4-Dichlorophenol	9100	U
91-20-3	Naphthalene	9100	U
106-47-8	4-Chloroaniline	9100	U
87-68-3	Hexachlorobutadiene	9100	U
105-60-2	Caprolactam	9100	U
59-50-7	4-Chloro-3-methylphenol	9100	U
91-57-6	2-Methylnaphthalene	9100	U
77-47-4	Hexachlorocyclopentadiene	9100	U
88-06-2	2,4,6-Trichlorophenol	9100	U
95-95-4	2,4,5-Trichlorophenol	9100	U
92-52-4	1,1-Biphenyl	9100	U
91-58-7	2-Chloronaphthalene	9100	U
88-74-4	2-Nitroaniline	9100	U
131-11-3	Dimethylphthalate	4000	J

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060276.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 65 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	9100	U
606-20-2	2,6-Dinitrotoluene	9100	U
99-09-2	3-Nitroaniline	9100	U
83-32-9	Acenaphthene	9100	U
51-28-5	2,4-Dinitrophenol	9100	U
100-02-7	4-Nitrophenol	9100	U
132-64-9	Dibenzofuran	9100	U
121-14-2	2,4-Dinitrotoluene	9100	U
84-66-2	Diethylphthalate	9100	U
7005-72-3	4-Chlorophenyl-phenylether	9100	U
86-73-7	Fluorene	9100	U
100-01-6	4-Nitroaniline	9100	U
534-52-1	4,6-Dinitro-2-methylphenol	9100	U
86-30-6	N-Nitrosodiphenylamine	9100	U
101-55-3	4-Bromophenyl-phenylether	9100	U
118-74-1	Hexachlorobenzene	9100	U
1912-24-9	Atrazine	9100	U
87-86-5	Pentachlorophenol	9100	U
85-01-8	Phenanthrene	920	J
120-12-7	Anthracene	9100	U
86-74-8	Carbazole	9100	U
84-74-2	Di-n-butylphthalate	9100	U
206-44-0	Fluoranthene	1800	J
129-00-0	Pyrene	1800	J
85-68-7	Butylbenzylphthalate	9100	U
91-94-1	3,3-Dichlorobenzidine	9100	U
56-55-3	Benzo(a)anthracene	9100	U
218-01-9	Chrysene	940	J
117-81-7	bis(2-Ethylhexyl)phthalate	13000	

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060276.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 65 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	9100	U
205-99-2	Benzo(b)fluoranthene	1000	J
207-08-9	Benzo(k)fluoranthene	9100	U
50-32-8	Benzo(a)pyrene	9100	U
193-39-5	Indeno(1,2,3-cd)pyrene	9100	U
53-70-3	Dibenz(a,h)anthracene	9100	U
191-24-2	Benzo(g,h,i)perylene	9100	U

Comments:

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11/10/10



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-08

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060276.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 65 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 8

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.44	20000	J
13798-23-7	Sulfur	8.21	4100	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.63	1900	J
103-33-3	Azobenzene	8.68	1400	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.93	5100	J
646-31-1	Tetracosane	9.49	2800	J
123-95-5	Octadecanoic acid, butyl ester	12.2	1900	J
	unknown17.44	17.44	25000	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-09

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BE060277.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 82 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

100-52-7	Benzaldehyde	18000	U
108-95-2	Phenol	18000	U
111-44-4	bis(2-Chloroethyl)ether	18000	U
95-57-8	2-Chlorophenol	18000	U
95-48-7	2-Methylphenol	18000	U
108-60-1	2,2-oxybis(1-Chloropropane)	18000	U
98-86-2	Acetophenone	18000	U
65794-96-9	3+4-Methylphenols	18000	U
621-64-7	N-Nitroso-di-n-propylamine	18000	U
67-72-1	Hexachloroethane	18000	U
98-95-3	Nitrobenzene	18000	U
78-59-1	Isophorone	18000	U
88-75-5	2-Nitrophenol	18000	U
105-67-9	2,4-Dimethylphenol	18000	U
111-91-1	bis(2-Chloroethoxy)methane	18000	U
120-83-2	2,4-Dichlorophenol	18000	U
91-20-3	Naphthalene	18000	U
106-47-8	4-Chloroaniline	18000	U
87-68-3	Hexachlorobutadiene	18000	U
105-60-2	Caprolactam	18000	U
59-50-7	4-Chloro-3-methylphenol	18000	U
91-57-6	2-Methylnaphthalene	18000	U
77-47-4	Hexachlorocyclopentadiene	18000	U
88-06-2	2,4,6-Trichlorophenol	18000	U
95-95-4	2,4,5-Trichlorophenol	18000	U
92-52-4	1,1-Biphenyl	18000	U
91-58-7	2-Chloronaphthalene	18000	U
88-74-4	2-Nitroaniline	18000	U
131-11-3	Dimethylphthalate	6900	JE

Comments:

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11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-09

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BE060277.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 82 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	18000	U
606-20-2	2,6-Dinitrotoluene	18000	U
99-09-2	3-Nitroaniline	18000	U
83-32-9	Acenaphthene	18000	U
51-28-5	2,4-Dinitrophenol	18000	U
100-02-7	4-Nitrophenol	18000	U
132-64-9	Dibenzofuran	18000	U
121-14-2	2,4-Dinitrotoluene	18000	U
84-66-2	Diethylphthalate	18000	U
7005-72-3	4-Chlorophenyl-phenylether	18000	U
86-73-7	Fluorene	18000	U
100-01-6	4-Nitroaniline	18000	U
534-52-1	4,6-Dinitro-2-methylphenol	18000	U
86-30-6	N-Nitrosodiphenylamine	18000	U
101-55-3	4-Bromophenyl-phenylether	18000	U
118-74-1	Hexachlorobenzene	18000	U
1912-24-9	Atrazine	18000	U
87-86-5	Pentachlorophenol	18000	U
85-01-8	Phenanthrene	18000	U
120-12-7	Anthracene	18000	U
86-74-8	Carbazole	18000	U
84-74-2	Di-n-butylphthalate	18000	U
206-44-0	Fluoranthene	18000	U
129-00-0	Pyrene	1800	J
85-68-7	Butylbenzylphthalate	18000	U
91-94-1	3,3-Dichlorobenzidine	18000	U
56-55-3	Benzo(a)anthracene	18000	U
218-01-9	Chrysene	18000	U
117-81-7	bis(2-Ethylhexyl)phthalate	13000	J

Comments:

11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-09

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BE060277.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 82 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
117-84-0	Di-n-octyl phthalate	18000	U
205-99-2	Benzo(b)fluoranthene	18000	U
207-08-9	Benzo(k)fluoranthene	18000	U
50-32-8	Benzo(a)pyrene	18000	U
193-39-5	Indeno(1,2,3-cd)pyrene	18000	U
53-70-3	Dibenz(a,h)anthracene	18000	U
191-24-2	Benzo(g,h,i)perylene	18000	U

Comments: _____

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-09

Sample wt/vol: 3.09 (g/mL) g Lab File ID: BE060277.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 82 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.44	38000	~~1~~
13798-23-7	Sulfur	8.21	3800	~~1~~
103-33-3	Azobenzene	8.69	2200	~~1~~
54105-67-8	Heptadecane, 2,6-dimethyl-	8.93	12000	~~1~~
66563-30-2	Bacchotricuneatin c	9.45	4700	~~1~~
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.48	7100	~~1~~
123-95-5	Octadecanoic acid, butyl ester	12.2	3800	~~1~~

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-10

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060278.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 74 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
100-52-7	Benzaldehyde	12000	U
108-95-2	Phenol	12000	U
111-44-4	bis(2-Chloroethyl)ether	12000	U
95-57-8	2-Chlorophenol	12000	U
95-48-7	2-Methylphenol	12000	U
108-60-1	2,2-oxybis(1-Chloropropane)	12000	U
98-86-2	Acetophenone	12000	U
65794-96-9	3+4-Methylphenols	12000	U
621-64-7	N-Nitroso-di-n-propylamine	12000	U
67-72-1	Hexachloroethane	12000	U
98-95-3	Nitrobenzene	12000	U
78-59-1	Isophorone	12000	U
88-75-5	2-Nitrophenol	12000	U
105-67-9	2,4-Dimethylphenol	12000	U
111-91-1	bis(2-Chloroethoxy)methane	12000	U
120-83-2	2,4-Dichlorophenol	12000	U
91-20-3	Naphthalene	12000	U
106-47-8	4-Chloroaniline	12000	U
87-68-3	Hexachlorobutadiene	12000	U
105-60-2	Caprolactam	12000	U
59-50-7	4-Chloro-3-methylphenol	12000	U
91-57-6	2-Methylnaphthalene	12000	U
77-47-4	Hexachlorocyclopentadiene	12000	U
88-06-2	2,4,6-Trichlorophenol	12000	U
95-95-4	2,4,5-Trichlorophenol	12000	U
92-52-4	1,1-Biphenyl	12000	U
91-58-7	2-Chloronaphthalene	12000	U
88-74-4	2-Nitroaniline	12000	U
131-11-3	Dimethylphthalate	5300	JE

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-10

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060278.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 74 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

208-96-8	Acenaphthylene	12000	U
606-20-2	2,6-Dinitrotoluene	12000	U
99-09-2	3-Nitroaniline	12000	U
83-32-9	Acenaphthene	12000	U
51-28-5	2,4-Dinitrophenol	12000	U
100-02-7	4-Nitrophenol	12000	U
132-64-9	Dibenzofuran	12000	U
121-14-2	2,4-Dinitrotoluene	12000	U
84-66-2	Diethylphthalate	12000	U
7005-72-3	4-Chlorophenyl-phenylether	12000	U
86-73-7	Fluorene	12000	U
100-01-6	4-Nitroaniline	12000	U
534-52-1	4,6-Dinitro-2-methylphenol	12000	U
86-30-6	N-Nitrosodiphenylamine	12000	U
101-55-3	4-Bromophenyl-phenylether	12000	U
118-74-1	Hexachlorobenzene	12000	U
1912-24-9	Atrazine	12000	U
87-86-5	Pentachlorophenol	12000	U
85-01-8	Phenanthrene	12000	U
120-12-7	Anthracene	12000	U
86-74-8	Carbazole	12000	U
84-74-2	Di-n-butylphthalate	12000	U
206-44-0	Fluoranthene	2400	J
129-00-0	Pyrene	2600	J
85-68-7	Butylbenzylphthalate	12000	U
91-94-1	3,3-Dichlorobenzidine	12000	U
56-55-3	Benzo(a)anthracene	12000	U
218-01-9	Chrysene	12000	U
117-81-7	bis(2-Ethylhexyl)phthalate	19000	

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Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-10

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060278.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 74 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

117-84-0	Di-n-octyl phthalate	12000	U
205-99-2	Benzo(b)fluoranthene	1400	J
207-08-9	Benzo(k)fluoranthene	12000	U
50-32-8	Benzo(a)pyrene	12000	U
193-39-5	Indeno(1,2,3-cd)pyrene	12000	U
53-70-3	Dibenz(a,h)anthracene	12000	U
191-24-2	Benzo(g,h,i)perylene	12000	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-10

Sample wt/vol: 3.11 (g/mL) g Lab File ID: BE060278.D

Level: (low/med) LOW Date Received: 11/20/09

% Moisture: 74 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/29/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Concentration Units: ug/Kg

Number TICS found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.44	25000	<u>JB</u>
13798-23-7	Sulfur	8.21	3000	<u>J</u>
103-33-3	Azobenzene	8.68	1600	<u>J</u>
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.93	2600	<u>J</u>
28050-47-7	24-Cholanoic acid, 3-hydroxy-12-ox	17.44	7300	<u>J</u>

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-11

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060503.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-11

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060503.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	0.33	J

Comments:

11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-11

Sample wt/vol: 900 (g/mL) ml Lab File ID: BE060503.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
141-79-7	3-Penten-2-one, 4-methyl-	2.95	21	~~AB~~
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	9.8	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.09	0.690	
	unknown6.68	6.68	5.8	
13798-23-7	Sulfur	8.11	8.0	
1135-40-6	CAPS	9.71	2.8	
10544-50-0	Cyclic octaatomic sulfur	11.05	10	

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-12

Sample wt/vol: 940 (g/mL) ml Lab File ID: BE060507.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-12

Sample wt/vol: 940 (g/mL) ml Lab File ID: BE060507.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	✓
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	✓
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	✓
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-12

Sample wt/vol: 940 (g/mL) ml Lab File ID: BE060507.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	8.7	AP
95-50-1	1,2-Dichlorobenzene	5.09	0.540	J
31158-91-5	Hexadecanoic acid, 1,1-dimethyleth	11.24	4.4	J
123-95-5	Octadecanoic acid, butyl ester	12.11	2.7	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-13

Sample wt/vol: 990 (g/mL) ml Lab File ID: BE060502.D

Level: (low/med) _____ Date Received: 11/20/09

% Moisture:	100	Decanted: (Y/N)	N	Date Extracted:	11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume:	1	Dilution Factor:	1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/L	Q

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	~~027~~ 10	~~U~~ 6
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-13

Sample wt/vol: 990 (g/mL) ml Lab File ID: BE060502.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	✓
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	✓
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	✓
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	0.6	J
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

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11/01/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-13

Sample wt/vol: 990 (g/mL) ml Lab File ID: BE060502.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-13

Sample wt/vol: 990 (g/mL) ml Lab File ID: BE060502.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 12

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
565-80-0	3-Pentanone, 2,4-dimethyl-	2.91	2.2	J
540-88-5	Acetic acid, 1,1-dimethylethyl est	3.36	5.7	J
	unknown5.01	5.01	6.2	J
95-50-1	1,2-Dichlorobenzene	5.09	0.550	J
78-40-0	Triethyl phosphate	5.58	3.1	J
3302-10-1	Hexanoic acid, 3,5,5-trimethyl-	5.65	2.9	J
38651-65-9	Bicyclo[3.1.1]heptan-2-one, 6,6-di	5.8	2.1	J
464-49-3	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	5.86	2.3	J
98-73-7	Benzoic acid, p-tert-butyl-	7.71	2.2	J
934-34-9	2(3H)-Benzothiazolone	8.8	5.9	J
	unknown9.36	9.36	4.4	J
78-51-3	Ethanol, 2-butoxy-, phosphate (3:1	12.17	2.2	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BE060501.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BE060501.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	0.97	J
51-28-5	2,4-Dinitrophenol	11	✓
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	✓
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	✓
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	0.29	J
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-14

Sample wt/vol: 940 (g/mL) ml Lab File ID: BE060501.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/05/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
141-79-7	3-Penten-2-one, 4-methyl-	2.95	32	~~JB~~
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	5.2	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.09	0.570	~~I~~
	unknown5.54	5.54	2.4	~~I~~
98-73-7	Benzoic acid, p-tert-butyl-	7.7	2.9	~~I~~
3622-84-2	Benzenesulfonamide, N-butyl-	9.37	6.7	~~I~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-16

Sample wt/vol: 980 (g/mL) ml Lab File ID: BF033278.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-16

Sample wt/vol: 980 (g/mL) ml Lab File ID: BF033278.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-16

Sample wt/vol: 980 (g/mL) ml Lab File ID: BF033278.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments:

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11/10/10



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-16

Sample wt/vol: 980 (g/mL) ml Lab File ID: BF033278.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	7.2	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.1	0.680	~~X~~

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033279.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

mw
11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033279.D

Level: (low/med) _____ Date Received: 11/20/09

% Moisture:	100	Decanted: (Y/N)	N	Date Extracted:	11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume:	1			Dilution Factor:	1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/L	Q

208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	✓
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033279.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments:

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11/10/10

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033279.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	7.4	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.1	0.590	~~J~~

R
J

muw
1/11/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033280.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033280.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	0.51	J
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

WJ

Comments:

WJ
11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033280.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Comments:

low
11/10/10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 960 (g/mL) ml Lab File ID: BF033280.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	6.8	AD
95-50-1	1,2-Dichlorobenzene	5.1	0.550	J
120-82-1	1,2,4-Trichlorobenzene	6.04	1.0	J
	unknown6.15	6.15	4.5	J
13674-84-5	2-Propanol, 1-chloro-, phosphate (	9.38	2.6	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-19

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF033281.D

Level: (low/med) _____ Date Received: 11/20/09

% Moisture:	100	Decanted: (Y/N)	N	Date Extracted:	11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume:	1	Dilution Factor:	1

GPC Cleanup: (Y/N)	N	pH:	5	Extraction: (Type)	SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/L	Q

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
65794-96-9	3+4-Methylphenols	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
92-52-4	1,1-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethylphthalate	10	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-19

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF033281.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	10	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-19

Sample wt/vol: 1000 (g/mL) ml Lab File ID: BF033281.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	5.1	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.1	0.530	~~J~~

R
J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-20

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF033282.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

100-52-7	Benzaldehyde	11	U
108-95-2	Phenol	11	U
111-44-4	bis(2-Chloroethyl)ether	11	U
95-57-8	2-Chlorophenol	11	U
95-48-7	2-Methylphenol	11	U
108-60-1	2,2-oxybis(1-Chloropropane)	11	U
98-86-2	Acetophenone	0.69 11	U
65794-96-9	3+4-Methylphenols	11	U
621-64-7	N-Nitroso-di-n-propylamine	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
111-91-1	bis(2-Chloroethoxy)methane	11	U
120-83-2	2,4-Dichlorophenol	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-Chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
105-60-2	Caprolactam	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	11	U
95-95-4	2,4,5-Trichlorophenol	11	U
92-52-4	1,1-Biphenyl	11	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
131-11-3	Dimethylphthalate	11	U

Comments:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-20

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF033282.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
99-09-2	3-Nitroaniline	11	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	11	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	11	U
534-52-1	4,6-Dinitro-2-methylphenol	11	U
86-30-6	N-Nitrosodiphenylamine	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
1912-24-9	Atrazine	11	U
87-86-5	Pentachlorophenol	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3-Dichlorobenzidine	11	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U

Comments:

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-20

Sample wt/vol: 940 (g/mL) ml Lab File ID: BF033282.D

Level: (low/med) Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Concentration Units: ug/L

Number TICS found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.36	6.0	~~AB~~
95-50-1	1,2-Dichlorobenzene	5.1	0.630	~~J~~

R
J

new
11/10/10

4

CHEMTECH

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): SOIL Lab Sample ID: A5237-04Sample wt/vol: 5.11 (g/mL) g Lab File ID: P1019542.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 79 Decanted: (Y/N) N Date Extracted: 11/24/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/04/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
Concentration Units:CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	48	U
319-85-7	beta-BHC	48	U
319-86-8	delta-BHC	48	U
58-89-9	gamma-BHC	48	U
76-44-8	Heptachlor	48	U
309-00-2	Aldrin	48	U
1024-57-3	Heptachlor epoxide	48	U
959-98-8	Endosulfan I	48	U
60-57-1	Dieldrin	48	U
72-55-9	4,4-DDE	48	U
72-20-8	Endrin	48	U
33213-65-9	Endosulfan II	48	U
72-54-8	4,4-DDD	48	U
1031-07-8	Endosulfan Sulfate	48	U
50-29-3	4,4-DDT	48	U
72-43-5	Methoxychlor	48	U
53494-70-5	Endrin ketone	48	U
7421-93-4	Endrin aldehyde	48	U
5103-71-9	alpha-Chlordane	48	U
5103-74-2	gamma-Chlordane	48	U
8001-35-2	Toxaphene	480	U

Comments: _____

nw
11/10/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-07

Sample wt/vol: 5.05 (g/mL) g Lab File ID: P1019545.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 71 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/04/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	35	U
319-85-7	beta-BHC	35	U
319-86-8	delta-BHC	35	U
58-89-9	gamma-BHC	35	U
76-44-8	Heptachlor	35	U
309-00-2	Aldrin	35	U
1024-57-3	Heptachlor epoxide	35	U
959-98-8	Endosulfan I	35	U
60-57-1	Dieldrin	35	U
72-55-9	4,4-DDE	35	U
72-20-8	Endrin	35	U
33213-65-9	Endosulfan II	35	U
72-54-8	4,4-DDD	35	U
1031-07-8	Endosulfan Sulfate	35	U
50-29-3	4,4-DDT	35	U
72-43-5	Methoxychlor	35	U
53494-70-5	Endrin ketone	35	U
7421-93-4	Endrin aldehyde	35	U
5103-71-9	alpha-Chlordane	35	U
5103-74-2	gamma-Chlordane	35	U
8001-35-2	Toxaphene	350	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1-112009

Lab Name: Chemtech Contract: Gann03
 Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237
 Matrix (soil/water): SOIL Lab Sample ID: A5237-08
 Sample wt/vol: 5.06 (g/mL) g Lab File ID: P1019546.D
 Level: (low/med) Low Date Received: 11/20/09
 % Moisture: 65 Decanted: (Y/N) N Date Extracted: 11/24/09
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/04/09
 Injection Volume: 1 Dilution Factor: 1
 GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH
 Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
319-84-6	alpha-BHC	29	U
319-85-7	beta-BHC	29	U
319-86-8	delta-BHC	29	U
58-89-9	gamma-BHC	29	U
76-44-8	Heptachlor	29	U
309-00-2	Aldrin	29	U
1024-57-3	Heptachlor epoxide	29	U
959-98-8	Endosulfan I	29	U
60-57-1	Dieldrin	29	U
72-55-9	4,4-DDE	29	U
72-20-8	Endrin	29	U
33213-65-9	Endosulfan II	29	U
72-54-8	4,4-DDD	29	U
1031-07-8	Endosulfan Sulfate	29	U
50-29-3	4,4-DDT	29	U
72-43-5	Methoxychlor	29	U
53494-70-5	Endrin ketone	29	U
7421-93-4	Endrin aldehyde	29	U
5103-71-9	alpha-Chlordane	29	U
5103-74-2	gamma-Chlordane	29	U
8001-35-2	Toxaphene	290	U

Comments:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL Lab Sample ID: A5237-09

Sample wt/vol: 5.08 (g/mL) g Lab File ID: P1019547.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 82 Decanted: (Y/N) N Date Extracted: 11/24/09

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/04/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg Q

319-84-6	alpha-BHC	56	U
319-85-7	beta-BHC	56	U
319-86-8	delta-BHC	56	U
58-89-9	gamma-BHC	56	U
76-44-8	Heptachlor	56	U
309-00-2	Aldrin	56	U
1024-57-3	Heptachlor epoxide	56	U
959-98-8	Endosulfan I	56	U
60-57-1	Dieldrin	56	U
72-55-9	4,4-DDE	56	U
72-20-8	Endrin	56	U
33213-65-9	Endosulfan II	56	U
72-54-8	4,4-DDD	56	U
1031-07-8	Endosulfan Sulfate	56	U
50-29-3	4,4-DDT	56	U
72-43-5	Methoxychlor	56	U
53494-70-5	Endrin ketone	56	U
7421-93-4	Endrin aldehyde	56	U
5103-71-9	alpha-Chlordane	56	U
5103-74-2	gamma-Chlordane	56	U
8001-35-2	Toxaphene	560	U

Comments:

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): SOIL Lab Sample ID: A5237-10Sample wt/vol: 5.07 (g/mL) g Lab File ID: P1019548.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 75 Decanted: (Y/N) N Date Extracted: 11/24/09Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/04/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: N/A Extraction: (Type) SOXH

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/Kg</u>	Q
319-84-6	alpha-BHC	40	U
319-85-7	beta-BHC	40	U
319-86-8	delta-BHC	40	U
58-89-9	gamma-BHC	40	U
76-44-8	Heptachlor	40	U
309-00-2	Aldrin	40	U
1024-57-3	Heptachlor epoxide	40	U
959-98-8	Endosulfan I	40	U
60-57-1	Dieldrin	40	U
72-55-9	4,4-DDE	40	U
72-20-8	Endrin	40	U
33213-65-9	Endosulfan II	40	U
72-54-8	4,4-DDD	40	U
1031-07-8	Endosulfan Sulfate	40	U
50-29-3	4,4-DDT	40	U
72-43-5	Methoxychlor	40	U
53494-70-5	Endrin ketone	40	U
7421-93-4	Endrin aldehyde	40	U
5103-71-9	alpha-Chlordane	40	U
5103-74-2	gamma-Chlordane	40	U
8001-35-2	Toxaphene	400	U

Comments: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-20

Sample wt/vol: 980 (g/mL) ml Lab File ID: P7044194.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

319-84-6	alpha-BHC	0.005	U
58-89-9	gamma-BHC	0.005	U
76-44-8	Heptachlor	0.005	U
309-00-2	Aldrin	0.005	U
319-85-7	beta-BHC	0.005	U
319-86-8	delta-BHC	0.005	U
1024-57-3	Heptachlor epoxide	0.005	U
959-98-8	Endosulfan I	0.005	U
5103-74-2	gamma-Chlordane	0.005	U
5103-71-9	alpha-Chlordane	0.005	U
72-55-9	4,4-DDE	0.005	U
60-57-1	Dieldrin	0.005	U
72-20-8	Endrin	0.005	U
33213-65-9	Endosulfan II	0.005	U
72-54-8	4,4-DDD	0.005	U
50-29-3	4,4-DDT	0.005	U
7421-93-4	Endrin aldehyde	0.005	U
1031-07-8	Endosulfan Sulfate	0.005	U
72-43-5	Methoxychlor	0.005	U
53494-70-5	Endrin ketone	0.005	U
8001-35-2	Toxaphene	0.051	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-01Sample wt/vol: 900 (g/mL) ml Lab File ID: P6034581.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF
Concentration Units:CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.06	U
11104-28-2	Aroclor-1221	0.06	U
11141-16-5	Aroclor-1232	0.06	U
53469-21-9	Aroclor-1242	0.06	U
12672-29-6	Aroclor-1248	0.06	U
11097-69-1	Aroclor-1254	0.06	U
11096-82-5	Aroclor-1260	0.06	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-02Sample wt/vol: 970 (g/mL) ml Lab File ID: P6034565.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-03

Sample wt/vol: 940 (g/mL) ml Lab File ID: P6034566.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED-4-112009

Lab Name: Chemtech

Contract: Gannett Fleming, Inc.

Lab Code: CHEM Case No.: A5237

SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL

Lab Sample ID: A5237-04

Sample wt/vol: 5 (g/mL) g

Lab File ID: P6034772.D

% Moisture: 79 Decanted: (Y/N) N

Date Received: 11/20/09

Extraction: (Type) SOXH

Date Extracted: 11/24/2009

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 12/5/09

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: N/A

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	AROCLOR 1016		480	U
11104-28-2	AROCLOR 1221		480	U
11141-16-5	AROCLOR 1232		480	U
53469-21-9	AROCLOR 1242		480	U
12672-29-6	AROCLOR 1248		4800	
11097-69-1	AROCLOR 1254		480	U
11096-82-5	AROCLOR 1260		480	U

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7

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUP-SED-112009

Lab Name: Chemtech

Contract: Gannett Fleming, Inc.

Lab Code: CHEM Case No.: A5237

SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): SOIL

Lab Sample ID: A5237-07

Sample wt/vol: 5 (g/mL) g

Lab File ID: P6034775.D

% Moisture: 71 Decanted: (Y/N) N

Date Received: 11/20/09

Extraction: (Type) SOXH

Date Extracted: 11/24/2009

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 12/5/09

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: N/A

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	AROCLOR 1016		350	U
11104-28-2	AROCLOR 1221		350	U
11141-16-5	AROCLOR 1232		350	U
53469-21-9	AROCLOR 1242		350	U
12672-29-6	AROCLOR 1248		2800	
11097-69-1	AROCLOR 1254		350	U
11096-82-5	AROCLOR 1260		350	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED-1-112009

Lab Name: ChemtechContract: Gannett Fleming, Inc.Lab Code: CHEM Case No.: A5237SAS No.: A5237 SDG No.: A5237Matrix (soil/water): SOILLab Sample ID: A5237-08Sample wt/vol: 5 (g/mL) gLab File ID: P6034776.D% Moisture: 65 Decanted: (Y/N) NDate Received: 11/20/09Extraction: (Type) SOXHDate Extracted: 11/24/2009Concentrated Extract Volume: 10000 (uL)Date Analyzed: 12/5/09Injection Volume: 1.0 (uL)Dilution Factor: 1.0GPC Cleanup: (Y/N) N pH: N/ASulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	AROCLOR 1016		290	U
11104-28-2	AROCLOR 1221		290	U
11141-16-5	AROCLOR 1232		290	U
53469-21-9	AROCLOR 1242		290	U
12672-29-6	AROCLOR 1248		1300	
11097-69-1	AROCLOR 1254		290	U
11096-82-5	AROCLOR 1260		290	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED-3-11-20-09

Lab Name: ChemtechContract: Gannett Fleming, Inc.Lab Code: CHEM Case No.: A5237SAS No.: A5237 SDG No.: A5237Matrix (soil/water): SOILLab Sample ID: A5237-09Sample wt/vol: 5 (g/mL) gLab File ID: P6034777.D% Moisture: 82 Decanted: (Y/N) NDate Received: 11/20/09Extraction: (Type) SOXHDate Extracted: 11/24/2009Concentrated Extract Volume: 10000 (uL)Date Analyzed: 12/5/09Injection Volume: 1.0 (uL)Dilution Factor: 1.0GPC Cleanup: (Y/N) N pH: N/ASulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	AROCLOR 1016		560	U
11104-28-2	AROCLOR 1221		560	U
11141-16-5	AROCLOR 1232		560	U
53469-21-9	AROCLOR 1242		560	U
12672-29-6	AROCLOR 1248		1900	
11097-69-1	AROCLOR 1254		560	U
11096-82-5	AROCLOR 1260		560	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SED-2-11-20-09

Lab Name: ChemtechContract: Gannett Fleming, Inc.Lab Code: CHEM Case No.: A5237SAS No.: A5237 SDG No.: A5237Matrix (soil/water): SOILLab Sample ID: A5237-10Sample wt/vol: 5 (g/mL) gLab File ID: P6034778.D% Moisture: 75 Decanted: (Y/N) NDate Received: 11/20/09Extraction: (Type) SOXHDate Extracted: 11/24/2009Concentrated Extract Volume: 10000 (uL)Date Analyzed: 12/5/09Injection Volume: 1.0 (uL)Dilution Factor: 1.0GPC Cleanup: (Y/N) N pH: N/ASulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	AROCLOR 1016	400	U	
11104-28-2	AROCLOR 1221	400	U	
11141-16-5	AROCLOR 1232	400	U	
53469-21-9	AROCLOR 1242	400	U	
12672-29-6	AROCLOR 1248	790		
11097-69-1	AROCLOR 1254	400	U	
11096-82-5	AROCLOR 1260	400	U	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-11Sample wt/vol: 940 (g/mL) ml Lab File ID: P6035091.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/09/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	<u>Q</u>
12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-12

Sample wt/vol: 960 (g/mL) ml Lab File ID: P6035092.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/09/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF
Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-13Sample wt/vol: 950 (g/mL) ml Lab File ID: P6034569.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____

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14

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-14Sample wt/vol: 970 (g/mL) ml Lab File ID: P6034570.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-16

Sample wt/vol: 980 (g/mL) ml Lab File ID: P6034576.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments:

17



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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-17

Sample wt/vol: 980 (g/mL) ml Lab File ID: P6034577.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>ug/L</u>	Q
12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments:

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-18

Sample wt/vol: 980 (g/mL) ml Lab File ID: P6034578.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____

hw
11/10/10

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Contract: Gann03

Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237

Matrix (soil/water): WATER Lab Sample ID: A5237-19

Sample wt/vol: 980 (g/mL) ml Lab File ID: P6034579.D

Level: (low/med) Low Date Received: 11/20/09

% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09

Injection Volume: 1 Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments:

lee
11/10/10

CHEMTECH

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Contract: Gann03Lab Code: CHEM Case No.: A5237 SAS No.: A5237 SDG No.: A5237Matrix (soil/water): WATER Lab Sample ID: A5237-20Sample wt/vol: 980 (g/mL) ml Lab File ID: P6034580.DLevel: (low/med) Low Date Received: 11/20/09% Moisture: 100 Decanted: (Y/N) N Date Extracted: 11/25/09Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/03/09Injection Volume: 1 Dilution Factor: 1GPC Cleanup: (Y/N) N pH: 5 Extraction: (Type) SEPF

Concentration Units:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/L Q

12674-11-2	Aroclor-1016	0.05	U
11104-28-2	Aroclor-1221	0.05	U
11141-16-5	Aroclor-1232	0.05	U
53469-21-9	Aroclor-1242	0.05	U
12672-29-6	Aroclor-1248	0.05	U
11097-69-1	Aroclor-1254	0.05	U
11096-82-5	Aroclor-1260	0.05	U

Comments: _____

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-02
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	45300			P
7440-36-0	Antimony	16.6	J		P
7440-38-2	Arsenic	19.1			P
7440-39-3	Barium	539			P
7440-41-7	Beryllium	2.780	J		P
7440-43-9	Cadmium	6.410			P
7440-70-2	Calcium	102000			P
7440-47-3	Chromium	5350			P
7440-48-4	Cobalt	51.4			P
7440-50-8	Copper	227			P
7439-89-6	Iron	122000			P
7439-92-1	Lead	743			P
7439-95-4	Magnesium	18000			P
7439-96-5	Manganese	2140			P
7439-97-6	Mercury	2.81			CV J
7440-02-0	Nickel	5280			P
7440-09-7	Potassium	16000			P
7782-49-2	Selenium	15.2			P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	101000			P
7440-28-0	Thallium	3.140	J		P
7440-62-2	Vanadium	158			P
7440-66-6	Zinc	1200			P

Color Before: Brown Clarity Before: Cloudy Texture: _____
Color After: Yellow Clarity After: Clear Artifacts: _____

Comments:

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1/10/10

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-03
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	71100			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	6.450	J		P
7440-39-3	Barium	822			P
7440-41-7	Beryllium	2.420	J		P
7440-43-9	Cadmium	4.990			P
7440-70-2	Calcium	267000			P
7440-47-3	Chromium	163			P
7440-48-4	Cobalt	26.9			P
7440-50-8	Copper	120			P
7439-89-6	Iron	98300			P
7439-92-1	Lead	271			P
7439-95-4	Magnesium	24100			P
7439-96-5	Manganese	2440			P
7439-97-6	Mercury	1.11			CV
7440-02-0	Nickel	91.0			P
7440-09-7	Potassium	26200			P
7782-49-2	Selenium	9.570	J		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	478000			P
7440-28-0	Thallium	4.910	J		P
7440-62-2	Vanadium	179			P
7440-66-6	Zinc	315			P

Color Before: Brown Clarity Before: Cloudy Texture: _____
Color After: Yellow Clarity After: Clear Artifacts: _____

Comments: _____

4

SED-4-112009

11/10/10

Handwritten text in a cursive script, possibly a signature or a list of names, written vertically.

Comments: _____

7

DUP-SED-112009

% Solids: 29.0

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Comments:

8

SED-1-112009

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Handwritten notes:

Handwritten symbols and arrows pointing right.

Comments: _____

EPA SAMPLE NO.

SED-3-11-20-09

Lab Name:	<u>Chemtech Consulting Group</u>	Contract:	<u>Gannett Fleming, Inc.</u>	
Lab Code:	<u>CTECH</u>	Case No.:	<u>A5237</u>	SDG NO.: <u>A5237</u>
Matrix (soil/water):	<u>SOIL</u>	Lab Sample ID:	<u>A5237-09</u>	
Level (low/med):	<u>LOW</u>	Date Received:	<u>11/20/2009</u>	
% Solids:	<u>17.7</u>			

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10500		~~✓~~	P
7440-36-0	Antimony	17.7			P
7440-38-2	Arsenic	23.1		~~✓~~	P
7440-39-3	Barium	401		~~✓~~	P
7440-41-7	Beryllium	0.64	J		P
7440-43-9	Cadmium	33.4		~~N*~~	P
7440-70-2	Calcium	12900		~~✓~~	P
7440-47-3	Chromium	214		~~N*~~	P
7440-48-4	Cobalt	12.8		~~N~~	P
7440-50-8	Copper	941		~~✓~~	P
7439-89-6	Iron	43800		~~✓~~	P
7439-92-1	Lead	1360		~~N*~~	P
7439-95-4	Magnesium	12200			P
7439-96-5	Manganese	180		~~N*~~	P
7439-97-6	Mercury	2.7			CV
7440-02-0	Nickel	171		~~N*~~	P
7440-09-7	Potassium	3080			P
7782-49-2	Selenium	5.170			P
7440-22-4	Silver	13.2		~~N~~	P
7440-23-5	Sodium	34000			P
7440-28-0	Thallium	8.560	U		P
7440-62-2	Vanadium	67.8		~~N*~~	P
7440-66-6	Zinc	3560		~~*~~	P

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>

Comments:

EPA SAMPLE NO.

SED-2-11-20-09

Lab Name:	<u>Chemtech Consulting Group</u>	Contract:	<u>Gannett Fleming, Inc.</u>
Lab Code:	<u>CTECH</u>	Case No.:	<u>A5237</u>
		NRAS No.:	<u>A5237</u>
		SDG NO.:	<u>A5237</u>
Matrix (soil/water):	<u>SOIL</u>	Lab Sample ID:	<u>A5237-10</u>
Level (low/med):	<u>LOW</u>	Date Received:	<u>11/20/2009</u>
% Solids:	<u>25.5</u>		
Concentration Units (ug/L or mg/kg dry weight):		MG/KG	

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11900		~~+~~	P
7440-36-0	Antimony	31.1			P
7440-38-2	Arsenic	34.2		~~+~~	P
7440-39-3	Barium	583		~~+~~	P
7440-41-7	Beryllium	0.97			P
7440-43-9	Cadmium	57.5		~~N⁺~~	P
7440-70-2	Calcium	18200		~~+~~	P
7440-47-3	Chromium	283		~~N⁺~~	P
7440-48-4	Cobalt	17.8		~~N~~	P
7440-50-8	Copper	1380		~~+~~	P
7439-89-6	Iron	101000		~~+~~	P
7439-92-1	Lead	2250		~~N⁺~~	P
7439-95-4	Magnesium	12800			P
7439-96-5	Manganese	450		~~N⁺~~	P
7439-97-6	Mercury	2.5		~~D~~	CV
7440-02-0	Nickel	245		~~N⁺~~	P
7440-09-7	Potassium	2550			P
7782-49-2	Selenium	3.420			P
7440-22-4	Silver	1.460	U	~~N~~	P
7440-23-5	Sodium	18000			P
7440-28-0	Thallium	5.850	U		P
7440-62-2	Vanadium	82.7		~~N⁺~~	P
7440-66-6	Zinc	5290		~~+~~	P

Color Before:	<u>Brown</u>	Clarity Before:	<u></u>	Texture:	<u>Medium</u>
Color After:	<u>Yellow</u>	Clarity After:	<u></u>	Artifacts:	<u></u>

Comments:

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-11
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	830			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	190			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	143000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	23.4			P
7439-89-6	Iron	2080			P
7439-92-1	Lead	49.7			P
7439-95-4	Magnesium	28400			P
7439-96-5	Manganese	427			P
7439-97-6	Mercury	0.4800		~~N~~	CV
7440-02-0	Nickel	9.710	J		P
7440-09-7	Potassium	34500			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	155000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	4.450	J		P
7440-66-6	Zinc	136			P

Color Before: Colorless Clarity Before: Cloudy Texture: _____
Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

12

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-12
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	664			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	186			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	18.8			P
7439-89-6	Iron	1600			P
7439-92-1	Lead	36.5			P
7439-95-4	Magnesium	28200			P
7439-96-5	Manganese	419			P
7439-97-6	Mercury	0.3300		~~N~~	CV J
7440-02-0	Nickel	15.8	J		P
7440-09-7	Potassium	34400			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	154000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	4.280	J		P
7440-66-6	Zinc	127			P U

Color Before: Colorless Clarity Before: Cloudy Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-13
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4660			P
7440-36-0	Antimony	8.720	J		P
7440-38-2	Arsenic	42.9			P
7440-39-3	Barium	263			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.200			P
7440-70-2	Calcium	446000			P
7440-47-3	Chromium	20.6			P
7440-48-4	Cobalt	8.450	J		P
7440-50-8	Copper	180			P
7439-89-6	Iron	19400			P
7439-92-1	Lead	594			P
7439-95-4	Magnesium	70300			P
7439-96-5	Manganese	1200			P
7439-97-6	Mercury	1.4		~~N~~	CV
7440-02-0	Nickel	77.8			P
7440-09-7	Potassium	58400			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	194000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	28.7			P
7440-66-6	Zinc	1930			P

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Color Before: Brown Clarity Before: Cloudy Texture: _____
 Color After: Yellow Clarity After: Clear Artifacts: _____

Comments: _____

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-14
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	665			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	74.6			P
7440-39-3	Barium	70.5			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	217000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	14.1			P
7439-89-6	Iron	4730			P
7439-92-1	Lead	54.8			P
7439-95-4	Magnesium	29300			P
7439-96-5	Manganese	198			P
7439-97-6	Mercury	0.2100			CV J
7440-02-0	Nickel	8.970	J		P
7440-09-7	Potassium	45800			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	148000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	4.980	J		P
7440-66-6	Zinc	252			P U

Color Before: Brown Clarity Before: Cloudy Texture: _____
 Color After: Yellow Clarity After: Clear Artifacts: _____

Comments: _____

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11/20/09

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-16
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1670			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	9.070	J		P
7440-39-3	Barium	262			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	94700			P
7440-47-3	Chromium	7.070			P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	4.750	J		P
7439-89-6	Iron	26100			P
7439-92-1	Lead	47.7			P
7439-95-4	Magnesium	25400			P
7439-96-5	Manganese	857			P
7439-97-6	Mercury	0.9200		✓	CV J
7440-02-0	Nickel	3.730	J		P
7440-09-7	Potassium	14300			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	125000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	7.040	J		P
7440-66-6	Zinc	62.1			P u

Color Before: Colorless Clarity Before: Cloudy Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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11/10/10

17

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-17
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	171			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	106			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	113000			P
7440-47-3	Chromium	10.7			P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	2.800	J		P
7439-89-6	Iron	6810			P
7439-92-1	Lead	14.3			P
7439-95-4	Magnesium	20300			P
7439-96-5	Manganese	2100			P
7439-97-6	Mercury	0.0900	~~P~~	~~N~~	CV
7440-02-0	Nickel	46.3			P
7440-09-7	Potassium	12400			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	183000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	43.0			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

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11/10/10

18

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-18
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	807			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	138			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	138000			P
7440-47-3	Chromium	2.480	J		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	15.8			P
7439-89-6	Iron	2170			P
7439-92-1	Lead	49.2			P
7439-95-4	Magnesium	20900			P
7439-96-5	Manganese	1690			P
7439-97-6	Mercury	0.20 0-1500	~~J~~	N	CV
7440-02-0	Nickel	9.370	J		P
7440-09-7	Potassium	16000			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	168000			P
7440-28-0	Thallium	2.880	J		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	94.9			P

Color Before: Colorless Clarity Before: Cloudy Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

20

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-20
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	50.0	U		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	50.0	U		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	139	J		P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	2.980	J		P
7439-89-6	Iron	16.4	J		P
7439-92-1	Lead	6.000	U		P
7439-95-4	Magnesium	1000	U		P
7439-96-5	Manganese	10.0	U		P
7439-97-6	Mercury	0.0800	J	N	CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	31.5	J		P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	1460			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	35.5			P

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

MW
11/10/10

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-22
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2100			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	167			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	95600			P
7440-47-3	Chromium	254			P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	13.4			P
7439-89-6	Iron	4340			P
7439-92-1	Lead	54.0			P
7439-95-4	Magnesium	9800			P
7439-96-5	Manganese	1140			P
7439-97-6	Mercury	0.2100		N	CV
7440-02-0	Nickel	325			P
7440-09-7	Potassium	11600			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	95600			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	7.660	J		P
7440-66-6	Zinc	104			P

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

hw
11/10/10

23

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-23
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1070			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	394			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	261000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	4.820	J		P
7439-89-6	Iron	1880			P
7439-92-1	Lead	22.3			P
7439-95-4	Magnesium	14000			P
7439-96-5	Manganese	1150			P
7439-97-6	Mercury	0.20-0.1000	~~J~~	~~N~~	CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	22900			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	487000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	49.7			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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11/10/10

24

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-24
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	89.3			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	154			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	134000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	4.030	J		P
7439-89-6	Iron	127			P
7439-92-1	Lead	14.2			P
7439-95-4	Magnesium	25900			P
7439-96-5	Manganese	364			P
7439-97-6	Mercury	~~0.200-1200~~	~~U~~	~~N~~	CV
7440-02-0	Nickel	4.450	J		P
7440-09-7	Potassium	31600			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	143000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	60.3			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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11/20/09

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-25
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	79.6			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	157			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	139000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	3.350	J		P
7439-89-6	Iron	120			P
7439-92-1	Lead	14.2			P
7439-95-4	Magnesium	26800			P
7439-96-5	Manganese	372			P
7439-97-6	Mercury	0.20 ~~0.1100~~	~~J~~	~~N~~	CV <i>u</i>
7440-02-0	Nickel	5.150	J		P
7440-09-7	Potassium	32500			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	148000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	61.9			P <i>u</i>

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

26

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-26
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	46.0	J		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	9.380	J		P
7440-39-3	Barium	114			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	373000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	3.120	J		P
7439-89-6	Iron	454			P
7439-92-1	Lead	11.7			P
7439-95-4	Magnesium	57500			P
7439-96-5	Manganese	1040			P
7439-97-6	Mercury	0.20 0.0900	~~J~~	~~N~~	CV
7440-02-0	Nickel	28.1			P
7440-09-7	Potassium	49800			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	192000			P
7440-28-0	Thallium	20 2.650	~~J~~		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	204			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

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11/10/10

27

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-27
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	59.6			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	63.1			P
7440-39-3	Barium	57.3			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	230000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	3.390	J		P
7439-89-6	Iron	259			P
7439-92-1	Lead	13.4			P
7439-95-4	Magnesium	31800			P
7439-96-5	Manganese	164			P
7439-97-6	Mercury	~~0.200-0900~~	~~U~~	~~N~~	CV u
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	47300			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	152000			P
7440-28-0	Thallium	~~20 2.360~~	~~J~~		P u
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	68.2			P u

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

MW
11/10/10

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-29
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	22.0	J		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	182			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	90400			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	2220			P
7439-92-1	Lead	11.7			P
7439-95-4	Magnesium	25000			P
7439-96-5	Manganese	776			P
7439-97-6	Mercury	~~0.20 0.0900~~	~~J~~	~~N~~	CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	14600			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	128000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	47.4			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

MW
11/10/10

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-30
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24.5	J		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	105			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	117000			P
7440-47-3	Chromium	2.040	J		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	2410			P
7439-92-1	Lead	13.5			P
7439-95-4	Magnesium	21500			P
7439-96-5	Manganese	2210			P
7439-97-6	Mercury	0.20 0.0000	~~5~~	~~N~~	CV
7440-02-0	Nickel	36.3			P
7440-09-7	Potassium	13500			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	190000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	50.5			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

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11/10/09

31

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-31
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	123			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	138			P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	134000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	3.250	J		P
7439-89-6	Iron	164			P
7439-92-1	Lead	22.0			P
7439-95-4	Magnesium	21000			P
7439-96-5	Manganese	1700			P
7439-97-6	Mercury	0.20 ~~0.1000~~	J	~~N~~	CV
7440-02-0	Nickel	6.840	J		P
7440-09-7	Potassium	16600			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	171000			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	66.6			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

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METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
Matrix (soil/water): WATER Lab Sample ID: A5237-32
Level (low/med): LOW Date Received: 11/20/2009
% Solids: 0.0
Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	61.8			P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	29.4	J		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	108000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	4.560	J		P
7439-89-6	Iron	171			P
7439-92-1	Lead	2.260	J		P
7439-95-4	Magnesium	335000			P
7439-96-5	Manganese	90.3			P
7439-97-6	Mercury	0.20 0.0900	J	N	CV
7440-02-0	Nickel	4.850	J		P
7440-09-7	Potassium	111000			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	262000 0.000	OR		P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	69.0			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

mw
11/10/10

32DL

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2-112009DL

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-32DL
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

Use original

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	157	J	D	P
7440-36-0	Antimony	250	U	D	P
7440-38-2	Arsenic	100	U	D	P
7440-39-3	Barium	500	U	D	P
7440-41-7	Beryllium	30.0	U	D	P
7440-43-9	Cadmium	30.0	U	D	P
7440-70-2	Calcium	114000		D	P
7440-47-3	Chromium	50.0	U	D	P
7440-48-4	Cobalt	150	U	D	P
7440-50-8	Copper	100	U	D	P
7439-89-6	Iron	211	J	D	P
7439-92-1	Lead	40.6	J	D	P
7439-95-4	Magnesium	324000		D	P
7439-96-5	Manganese	90.5	J	D	P
7440-02-0	Nickel	200	U	D	P
7440-09-7	Potassium	100000		D	P
7782-49-2	Selenium	100	U	D	P
7440-22-4	Silver	50.0	U	D	P
7440-23-5	Sodium	2620000		D	P
7440-28-0	Thallium	65.4	J	D	P
7440-62-2	Vanadium	200	U	D	P
7440-66-6	Zinc	200	U	D	P

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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11/10/10

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-112009

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-33
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	45.2	J		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	35.0	J		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	155000			P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	2.980	J		P
7439-89-6	Iron	91.0			P
7439-92-1	Lead	4.390	J		P
7439-95-4	Magnesium	491000			P
7439-96-5	Manganese	115			P
7439-97-6	Mercury	6.20 0.0800	~~J~~	~~N~~	CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	165000			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	378000 0.000	~~OR~~		P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	60.1			P

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Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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11/20/09

33DL

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-112009DL

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-33DL
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

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original*

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	135	J	D	P
7440-36-0	Antimony	250	U	D	P
7440-38-2	Arsenic	40.6	J	D	P
7440-39-3	Barium	39.8	J	D	P
7440-41-7	Beryllium	30.0	U	D	P
7440-43-9	Cadmium	30.0	U	D	P
7440-70-2	Calcium	163000		D	P
7440-47-3	Chromium	50.0	U	D	P
7440-48-4	Cobalt	150	U	D	P
7440-50-8	Copper	100	U	D	P
7439-89-6	Iron	258	J	D	P
7439-92-1	Lead	60.0	U	D	P
7439-95-4	Magnesium	469000		D	P
7439-96-5	Manganese	119		D	P
7440-02-0	Nickel	200	U	D	P
7440-09-7	Potassium	145000		D	P
7782-49-2	Selenium	100	U	D	P
7440-22-4	Silver	50.0	U	D	P
7440-23-5	Sodium	3780000		D	P
7440-28-0	Thallium	82.0	J	D	P
7440-62-2	Vanadium	200	U	D	P
7440-66-6	Zinc	200	U	D	P

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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11/20/09*

34

METALS
1A-IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: Chemtech Consulting Group Contract: Gannett Fleming, Inc.
 Lab Code: CTECH Case No.: A5237 NRAS No.: A5237 SDG NO.: A5237
 Matrix (soil/water): WATER Lab Sample ID: A5237-34
 Level (low/med): LOW Date Received: 11/20/2009
 % Solids: 0.0
 Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	50.0	U		P
7440-36-0	Antimony	25.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	50.0	U		P
7440-41-7	Beryllium	3.000	U		P
7440-43-9	Cadmium	3.000	U		P
7440-70-2	Calcium	47.4	J		P
7440-47-3	Chromium	5.000	U		P
7440-48-4	Cobalt	15.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	50.0	U		P
7439-92-1	Lead	6.000	U		P
7439-95-4	Magnesium	1000	U		P
7439-96-5	Manganese	10.0	U		P
7439-97-6	Mercury	0.2000	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium	1000	U		P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	5.000	U		P
7440-23-5	Sodium	1000	U		P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	20.0	U		P
7440-66-6	Zinc	67.2			P

Color Before: Colorless Clarity Before: Cloudy Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: _____

Comments: _____

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