



LABORATORY REPORT

Prepared For: Geosyntec Consultants/Project Navigator - Ascon
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Mike Reardon

Project: Ascon - Soils
SB0202/31

Sampled: 05/03/04-05/04/04
Received: 05/04/04
Issued: 06/03/04 10:48

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.*

CASE NARRATIVE

- SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.
- HOLDING TIMES: Holding times were met.
- PRESERVATION: Samples requiring preservation were verified prior to sample analysis.
- QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.
- COMMENTS: No significant observations were made.
- SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
INE0119-01	PNL-4	Soil
INE0119-02	PNL-4-21.5	Soil
INE0119-03	PNL-4-24.5	Soil
INE0119-04	PNL-11	Soil
INE0119-05	PNL-11-12.5-EC	Soil
INE0119-06	PNL-11-15.5-EC	Soil
INE0119-07	PNL-11-22-EC	Soil
INE0119-08	PNL-10-6-EC	Soil
INE0119-09	PNL-10-9.5-EC	Soil
INE0119-10	PNL-10-12-EC	Soil



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Report Number: INE0119

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LABORATORY ID

INE0119-11

CLIENT ID

PNL-10-18-EC

MATRIX

Soil

Reviewed By:

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

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TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E07080	500	22000	100	5/7/2004	5/7/2004	
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E07080	50	1400	10	5/7/2004	5/7/2004	

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EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E05033	620	2500	125	5/5/2004	5/13/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E05033	620	11000	125	5/5/2004	5/13/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E05033	620	14000	125	5/5/2004	5/13/2004	
<i>Surrogate: n-Octacosane (50-125%)</i>				990 %				Z3
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E05033	250	700	50	5/5/2004	5/12/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E05033	250	4700	50	5/5/2004	5/12/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E05033	250	5400	50	5/5/2004	5/12/2004	
<i>Surrogate: n-Octacosane (50-125%)</i>				76 %				Z3

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E07019	100	490	100	5/7/2004	5/7/2004	
Bromobenzene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Bromochloromethane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Bromodichloromethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Bromoform	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Bromomethane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
n-Butylbenzene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
sec-Butylbenzene	EPA 8260B	4E07019	250	1300	100	5/7/2004	5/7/2004	
tert-Butylbenzene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Carbon tetrachloride	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Chlorobenzene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Chloroethane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Chloroform	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Chloromethane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
2-Chlorotoluene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
4-Chlorotoluene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Dibromochloromethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Dibromomethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Dichlorodifluoromethane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
1,1-Dichloroethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,2-Dichloroethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,1-Dichloroethene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,2-Dichloropropane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,3-Dichloropropane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
2,2-Dichloropropane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,1-Dichloropropene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Ethylbenzene	EPA 8260B	4E07019	100	3400	100	5/7/2004	5/7/2004	
Hexachlorobutadiene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
Isopropylbenzene	EPA 8260B	4E07019	100	2000	100	5/7/2004	5/7/2004	
p-Isopropyltoluene	EPA 8260B	4E07019	100	2600	100	5/7/2004	5/7/2004	
Methylene chloride	EPA 8260B	4E07019	1000	ND	100	5/7/2004	5/7/2004	
Naphthalene	EPA 8260B	4E07019	250	3500	100	5/7/2004	5/7/2004	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E07019	100	2900	100	5/7/2004	5/7/2004	
Styrene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Tetrachloroethene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Toluene	EPA 8260B	4E07019	100	670	100	5/7/2004	5/7/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
1,1,1-Trichloroethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
1,1,2-Trichloroethane	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Trichloroethene	EPA 8260B	4E07019	100	ND	100	5/7/2004	5/7/2004	
Trichlorofluoromethane	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
1,2,3-Trichloropropane	EPA 8260B	4E07019	500	ND	100	5/7/2004	5/7/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E07019	100	9700	100	5/7/2004	5/7/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E07019	100	3200	100	5/7/2004	5/7/2004	
Vinyl chloride	EPA 8260B	4E07019	250	ND	100	5/7/2004	5/7/2004	
o-Xylene	EPA 8260B	4E07019	100	3100	100	5/7/2004	5/7/2004	
m,p-Xylenes	EPA 8260B	4E07019	100	8900	100	5/7/2004	5/7/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				99 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				94 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				100 %				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Bromobenzene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Bromochloromethane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Bromodichloromethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Bromoform	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Bromomethane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
n-Butylbenzene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
sec-Butylbenzene	EPA 8260B	4E07019	2500	23000	1000	5/7/2004	5/10/2004	
tert-Butylbenzene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Carbon tetrachloride	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Chlorobenzene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Chloroethane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Chloroform	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Chloromethane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
2-Chlorotoluene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
4-Chlorotoluene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Dibromochloromethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Dibromomethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,2-Dichlorobenzene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,3-Dichlorobenzene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,4-Dichlorobenzene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Dichlorodifluoromethane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
1,1-Dichloroethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,2-Dichloroethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,1-Dichloroethene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,2-Dichloropropane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,3-Dichloropropane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
2,2-Dichloropropane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,1-Dichloropropene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Ethylbenzene	EPA 8260B	4E07019	1000	79000	1000	5/7/2004	5/10/2004	
Hexachlorobutadiene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
Isopropylbenzene	EPA 8260B	4E07019	1000	24000	1000	5/7/2004	5/10/2004	
p-Isopropyltoluene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Methylene chloride	EPA 8260B	4E07019	10000	ND	1000	5/7/2004	5/10/2004	
Naphthalene	EPA 8260B	4E07019	2500	41000	1000	5/7/2004	5/10/2004	

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-04 (PNL-11 - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E07019	1000	3000	1000	5/7/2004	5/10/2004	
Styrene	EPA 8260B	4E07019	1000	33000	1000	5/7/2004	5/10/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Tetrachloroethene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Toluene	EPA 8260B	4E07019	1000	1700	1000	5/7/2004	5/10/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
1,1,1-Trichloroethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,1,2-Trichloroethane	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Trichloroethene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Trichlorofluoromethane	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
1,2,3-Trichloropropane	EPA 8260B	4E07019	5000	ND	1000	5/7/2004	5/10/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
Vinyl chloride	EPA 8260B	4E07019	2500	ND	1000	5/7/2004	5/10/2004	
o-Xylene	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
m,p-Xylenes	EPA 8260B	4E07019	1000	ND	1000	5/7/2004	5/10/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				81 %				Z3
<i>Surrogate: Toluene-d8 (60-160%)</i>				88 %				Z3
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				86 %				Z3

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-02 (PNL-4-21.5 - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Bromobenzene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Bromochloromethane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Bromodichloromethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Bromoform	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Bromomethane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
n-Butylbenzene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
sec-Butylbenzene	EPA 8260B	4E07114	280	450	112	5/7/2004	5/7/2004	
tert-Butylbenzene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Carbon tetrachloride	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Chlorobenzene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Chloroethane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Chloroform	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Chloromethane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
2-Chlorotoluene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
4-Chlorotoluene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Dibromochloromethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Dibromomethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Dichlorodifluoromethane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
1,1-Dichloroethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,2-Dichloroethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,1-Dichloroethene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,2-Dichloropropane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,3-Dichloropropane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
2,2-Dichloropropane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,1-Dichloropropene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Ethylbenzene	EPA 8260B	4E07114	110	620	112	5/7/2004	5/7/2004	
Hexachlorobutadiene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
Isopropylbenzene	EPA 8260B	4E07114	110	580	112	5/7/2004	5/7/2004	
p-Isopropyltoluene	EPA 8260B	4E07114	110	560	112	5/7/2004	5/7/2004	
Methylene chloride	EPA 8260B	4E07114	1100	ND	112	5/7/2004	5/7/2004	
Naphthalene	EPA 8260B	4E07114	280	2800	112	5/7/2004	5/7/2004	

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 SB0202/31
 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-02 (PNL-4-21.5 - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E07114	110	910	112	5/7/2004	5/7/2004	
Styrene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Tetrachloroethene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Toluene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
1,1,1-Trichloroethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
1,1,2-Trichloroethane	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Trichloroethene	EPA 8260B	4E07114	110	ND	112	5/7/2004	5/7/2004	
Trichlorofluoromethane	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
1,2,3-Trichloropropane	EPA 8260B	4E07114	560	ND	112	5/7/2004	5/7/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E07114	110	1900	112	5/7/2004	5/7/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E07114	110	580	112	5/7/2004	5/7/2004	
Vinyl chloride	EPA 8260B	4E07114	280	ND	112	5/7/2004	5/7/2004	
o-Xylene	EPA 8260B	4E07114	110	200	112	5/7/2004	5/7/2004	
m,p-Xylenes	EPA 8260B	4E07114	110	530	112	5/7/2004	5/7/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				90 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				86 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				89 %				

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Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-03 (PNL-4-24.5 - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E07114	140	1300	136	5/7/2004	5/7/2004	
Bromobenzene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Bromochloromethane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Bromodichloromethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Bromoform	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Bromomethane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
n-Butylbenzene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
sec-Butylbenzene	EPA 8260B	4E07114	340	1800	136	5/7/2004	5/7/2004	
tert-Butylbenzene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Carbon tetrachloride	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Chlorobenzene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Chloroethane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Chloroform	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Chloromethane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
2-Chlorotoluene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
4-Chlorotoluene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Dibromochloromethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Dibromomethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Dichlorodifluoromethane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
1,1-Dichloroethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,2-Dichloroethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,1-Dichloroethene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,2-Dichloropropane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,3-Dichloropropane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
2,2-Dichloropropane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,1-Dichloropropene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Ethylbenzene	EPA 8260B	4E07114	140	6300	136	5/7/2004	5/7/2004	
Hexachlorobutadiene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
Isopropylbenzene	EPA 8260B	4E07114	140	3000	136	5/7/2004	5/7/2004	
p-Isopropyltoluene	EPA 8260B	4E07114	140	3300	136	5/7/2004	5/7/2004	
Methylene chloride	EPA 8260B	4E07114	1400	ND	136	5/7/2004	5/7/2004	
Naphthalene	EPA 8260B	4E07114	340	4800	136	5/7/2004	5/7/2004	

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Sampled: 05/03/04-05/04/04
 Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-03 (PNL-4-24.5 - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E07114	140	4200	136	5/7/2004	5/7/2004	
Styrene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Tetrachloroethene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Toluene	EPA 8260B	4E07114	140	6900	136	5/7/2004	5/7/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
1,1,1-Trichloroethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
1,1,2-Trichloroethane	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Trichloroethene	EPA 8260B	4E07114	140	ND	136	5/7/2004	5/7/2004	
Trichlorofluoromethane	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
1,2,3-Trichloropropane	EPA 8260B	4E07114	680	ND	136	5/7/2004	5/7/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E07114	140	13000	136	5/7/2004	5/7/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E07114	140	4300	136	5/7/2004	5/7/2004	
Vinyl chloride	EPA 8260B	4E07114	340	ND	136	5/7/2004	5/7/2004	
o-Xylene	EPA 8260B	4E07114	140	8500	136	5/7/2004	5/7/2004	
m,p-Xylenes	EPA 8260B	4E07114	140	16000	136	5/7/2004	5/7/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				86 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				84 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				90 %				

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-05 (PNL-11-12.5-EC - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Bromobenzene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Bromochloromethane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Bromodichloromethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Bromoform	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Bromomethane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
n-Butylbenzene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
sec-Butylbenzene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
tert-Butylbenzene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Carbon tetrachloride	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Chlorobenzene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Chloroethane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Chloroform	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Chloromethane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
2-Chlorotoluene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
4-Chlorotoluene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Dibromochloromethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Dibromomethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,2-Dichlorobenzene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,3-Dichlorobenzene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,4-Dichlorobenzene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Dichlorodifluoromethane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
1,1-Dichloroethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,2-Dichloroethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,1-Dichloroethene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,2-Dichloropropane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,3-Dichloropropane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
2,2-Dichloropropane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,1-Dichloropropene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Ethylbenzene	EPA 8260B	4E05107	500	5200	460	5/5/2004	5/10/2004	
Hexachlorobutadiene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
Isopropylbenzene	EPA 8260B	4E05107	500	690	460	5/5/2004	5/10/2004	
p-Isopropyltoluene	EPA 8260B	4E05107	500	770	460	5/5/2004	5/10/2004	
Methylene chloride	EPA 8260B	4E05107	5000	ND	460	5/5/2004	5/10/2004	
Naphthalene	EPA 8260B	4E05107	1200	7400	460	5/5/2004	5/10/2004	

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-05 (PNL-11-12.5-EC - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E05107	500	3600	460	5/5/2004	5/10/2004	
Styrene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Tetrachloroethene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Toluene	EPA 8260B	4E05107	500	4100	460	5/5/2004	5/10/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
1,1,1-Trichloroethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
1,1,2-Trichloroethane	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Trichloroethene	EPA 8260B	4E05107	500	ND	460	5/5/2004	5/10/2004	
Trichlorofluoromethane	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
1,2,3-Trichloropropane	EPA 8260B	4E05107	2500	ND	460	5/5/2004	5/10/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E05107	500	36000	460	5/5/2004	5/10/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E05107	500	15000	460	5/5/2004	5/10/2004	
Vinyl chloride	EPA 8260B	4E05107	1200	ND	460	5/5/2004	5/10/2004	
o-Xylene	EPA 8260B	4E05107	500	18000	460	5/5/2004	5/10/2004	
m,p-Xylenes	EPA 8260B	4E05107	500	39000	460	5/5/2004	5/10/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				74 %				Z3
<i>Surrogate: Toluene-d8 (60-160%)</i>				86 %				Z3
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				89 %				Z3

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-06 (PNL-11-15.5-EC - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Bromobenzene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Bromochloromethane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Bromodichloromethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Bromoform	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Bromomethane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
n-Butylbenzene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
sec-Butylbenzene	EPA 8260B	4E05107	220	250	88.8	5/5/2004	5/6/2004	
tert-Butylbenzene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Carbon tetrachloride	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Chlorobenzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Chloroethane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Chloroform	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Chloromethane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
2-Chlorotoluene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
4-Chlorotoluene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Dibromochloromethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Dibromomethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,2-Dichlorobenzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,3-Dichlorobenzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,4-Dichlorobenzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Dichlorodifluoromethane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
1,1-Dichloroethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,2-Dichloroethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,1-Dichloroethene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,2-Dichloropropane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,3-Dichloropropane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
2,2-Dichloropropane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,1-Dichloropropene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Ethylbenzene	EPA 8260B	4E05107	89	290	88.8	5/5/2004	5/6/2004	
Hexachlorobutadiene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
Isopropylbenzene	EPA 8260B	4E05107	89	1500	88.8	5/5/2004	5/6/2004	
p-Isopropyltoluene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Methylene chloride	EPA 8260B	4E05107	890	ND	88.8	5/5/2004	5/6/2004	
Naphthalene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-06 (PNL-11-15.5-EC - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Styrene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Tetrachloroethene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Toluene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
1,1,1-Trichloroethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,1,2-Trichloroethane	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Trichloroethene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Trichlorofluoromethane	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
1,2,3-Trichloropropane	EPA 8260B	4E05107	440	ND	88.8	5/5/2004	5/6/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
Vinyl chloride	EPA 8260B	4E05107	220	ND	88.8	5/5/2004	5/6/2004	
o-Xylene	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
m,p-Xylenes	EPA 8260B	4E05107	89	ND	88.8	5/5/2004	5/6/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>								78 %
<i>Surrogate: Toluene-d8 (60-160%)</i>								81 %
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>								82 %

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Sampled: 05/03/04-05/04/04
Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-07 (PNL-11-22-EC - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Bromobenzene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Bromochloromethane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Bromodichloromethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Bromoform	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Bromomethane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
n-Butylbenzene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
sec-Butylbenzene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
tert-Butylbenzene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Carbon tetrachloride	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Chlorobenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Chloroethane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Chloroform	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Chloromethane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
2-Chlorotoluene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
4-Chlorotoluene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Dibromochloromethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Dibromomethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,2-Dichlorobenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,3-Dichlorobenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,4-Dichlorobenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Dichlorodifluoromethane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
1,1-Dichloroethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,2-Dichloroethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,1-Dichloroethene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,2-Dichloropropane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,3-Dichloropropane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
2,2-Dichloropropane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,1-Dichloropropene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Ethylbenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Hexachlorobutadiene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
Isopropylbenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
p-Isopropyltoluene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Methylene chloride	EPA 8260B	4E05022	26	ND	1.29	5/5/2004	5/6/2004	
Naphthalene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	

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 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-07 (PNL-11-22-EC - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Styrene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Tetrachloroethene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Toluene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
1,1,1-Trichloroethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,1,2-Trichloroethane	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Trichloroethene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Trichlorofluoromethane	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
1,2,3-Trichloropropane	EPA 8260B	4E05022	13	ND	1.29	5/5/2004	5/6/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
Vinyl chloride	EPA 8260B	4E05022	6.4	ND	1.29	5/5/2004	5/6/2004	
o-Xylene	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
m,p-Xylenes	EPA 8260B	4E05022	2.6	ND	1.29	5/5/2004	5/6/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				98 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				108 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				106 %				

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Report Number: INE0119

Sampled: 05/03/04-05/04/04
Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-08 (PNL-10-6-EC - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Bromobenzene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Bromochloromethane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Bromodichloromethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Bromoform	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Bromomethane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
n-Butylbenzene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
sec-Butylbenzene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
tert-Butylbenzene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Carbon tetrachloride	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Chlorobenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Chloroethane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Chloroform	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Chloromethane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
2-Chlorotoluene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
4-Chlorotoluene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Dibromochloromethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Dibromomethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,2-Dichlorobenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,3-Dichlorobenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,4-Dichlorobenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Dichlorodifluoromethane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
1,1-Dichloroethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,2-Dichloroethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,1-Dichloroethene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,2-Dichloropropane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,3-Dichloropropane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
2,2-Dichloropropane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,1-Dichloropropene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Ethylbenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Hexachlorobutadiene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
Isopropylbenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
p-Isopropyltoluene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Methylene chloride	EPA 8260B	4E05011	20	ND	0.933	5/4/2004	5/5/2004	
Naphthalene	EPA 8260B	4E05011	5.0	5.6	0.933	5/4/2004	5/5/2004	

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 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-08 (PNL-10-6-EC - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Styrene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Tetrachloroethene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Toluene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Trichloroethene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Trichlorofluoromethane	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4E05011	10	ND	0.933	5/4/2004	5/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
Vinyl chloride	EPA 8260B	4E05011	5.0	ND	0.933	5/4/2004	5/5/2004	
o-Xylene	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
m,p-Xylenes	EPA 8260B	4E05011	2.0	ND	0.933	5/4/2004	5/5/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				103 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				105 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				97 %				

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SB0202/31
Report Number: INE0119

Sampled: 05/03/04-05/04/04
Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-09 (PNL-10-9.5-EC - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Bromobenzene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Bromochloromethane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Bromodichloromethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Bromoform	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Bromomethane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
n-Butylbenzene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
sec-Butylbenzene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
tert-Butylbenzene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Carbon tetrachloride	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Chlorobenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Chloroethane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Chloroform	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Chloromethane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
2-Chlorotoluene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
4-Chlorotoluene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Dibromochloromethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Dibromomethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Dichlorodifluoromethane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
1,1-Dichloroethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,2-Dichloroethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,1-Dichloroethene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,2-Dichloropropane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,3-Dichloropropane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
2,2-Dichloropropane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,1-Dichloropropene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Ethylbenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Hexachlorobutadiene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
Isopropylbenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
p-Isopropyltoluene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Methylene chloride	EPA 8260B	4E07020	20	ND	0.911	5/7/2004	5/7/2004	
Naphthalene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	

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Sampled: 05/03/04-05/04/04
Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-09 (PNL-10-9.5-EC - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Styrene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Tetrachloroethene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Toluene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
1,1,1-Trichloroethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,1,2-Trichloroethane	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Trichloroethene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Trichlorofluoromethane	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
1,2,3-Trichloropropane	EPA 8260B	4E07020	10	ND	0.911	5/7/2004	5/7/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
Vinyl chloride	EPA 8260B	4E07020	5.0	ND	0.911	5/7/2004	5/7/2004	
o-Xylene	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
m,p-Xylenes	EPA 8260B	4E07020	2.0	ND	0.911	5/7/2004	5/7/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				109 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				104 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				102 %				

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 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-10 (PNL-10-12-EC - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Bromobenzene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
Bromochloromethane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
Bromodichloromethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Bromoform	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
Bromomethane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
n-Butylbenzene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
sec-Butylbenzene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
tert-Butylbenzene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
Carbon tetrachloride	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
Chlorobenzene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Chloroethane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
Chloroform	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Chloromethane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
2-Chlorotoluene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
4-Chlorotoluene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
Dibromochloromethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
1,2-Dibromoethane (EDB)	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Dibromomethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,2-Dichlorobenzene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	I
1,3-Dichlorobenzene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	I
1,4-Dichlorobenzene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	I
Dichlorodifluoromethane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
1,1-Dichloroethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,2-Dichloroethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,1-Dichloroethene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,2-Dichloropropane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,3-Dichloropropane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
2,2-Dichloropropane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,1-Dichloropropene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Ethylbenzene	EPA 8260B	4E08007	2.0	4.5	0.931	5/8/2004	5/8/2004	
Hexachlorobutadiene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
Isopropylbenzene	EPA 8260B	4E08007	2.0	4.5	0.931	5/8/2004	5/8/2004	I
p-Isopropyltoluene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	I
Methylene chloride	EPA 8260B	4E08007	20	ND	0.931	5/8/2004	5/8/2004	
Naphthalene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-10 (PNL-10-12-EC - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	I
Styrene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	I
Tetrachloroethene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Toluene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
1,2,4-Trichlorobenzene	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	I
1,1,1-Trichloroethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
1,1,2-Trichloroethane	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Trichloroethene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
Trichlorofluoromethane	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
1,2,3-Trichloropropane	EPA 8260B	4E08007	10	ND	0.931	5/8/2004	5/8/2004	I
1,2,4-Trimethylbenzene	EPA 8260B	4E08007	2.0	2.0	0.931	5/8/2004	5/8/2004	I
1,3,5-Trimethylbenzene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	I
Vinyl chloride	EPA 8260B	4E08007	5.0	ND	0.931	5/8/2004	5/8/2004	
o-Xylene	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
m,p-Xylenes	EPA 8260B	4E08007	2.0	ND	0.931	5/8/2004	5/8/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>								<i>110 %</i>
<i>Surrogate: Toluene-d8 (80-120%)</i>								<i>98 %</i>
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								<i>88 %</i>

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-11 (PNL-10-18-EC - Soil)				Sampled: 05/04/04				
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Bromobenzene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Bromochloromethane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Bromodichloromethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Bromoform	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Bromomethane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
n-Butylbenzene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
sec-Butylbenzene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
tert-Butylbenzene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Carbon tetrachloride	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Chlorobenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Chloroethane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Chloroform	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Chloromethane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
2-Chlorotoluene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
4-Chlorotoluene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Dibromochloromethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Dibromomethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,2-Dichlorobenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,3-Dichlorobenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,4-Dichlorobenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Dichlorodifluoromethane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
1,1-Dichloroethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,2-Dichloroethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,1-Dichloroethene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,2-Dichloropropane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,3-Dichloropropane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
2,2-Dichloropropane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,1-Dichloropropene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Ethylbenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Hexachlorobutadiene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
Isopropylbenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
p-Isopropyltoluene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Methylene chloride	EPA 8260B	4E07020	17	ND	0.87	5/7/2004	5/7/2004	
Naphthalene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	

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 SB0202/31
 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-11 (PNL-10-18-EC - Soil) - cont.				Sampled: 05/04/04				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Styrene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Tetrachloroethene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Toluene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
1,1,1-Trichloroethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
1,1,2-Trichloroethane	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Trichloroethene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Trichlorofluoromethane	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
1,2,3-Trichloropropane	EPA 8260B	4E07020	8.7	ND	0.87	5/7/2004	5/7/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E07020	1.7	4.7	0.87	5/7/2004	5/7/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
Vinyl chloride	EPA 8260B	4E07020	4.3	ND	0.87	5/7/2004	5/7/2004	
o-Xylene	EPA 8260B	4E07020	1.7	ND	0.87	5/7/2004	5/7/2004	
m,p-Xylenes	EPA 8260B	4E07020	1.7	2.1	0.87	5/7/2004	5/7/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				113 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				103 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				100 %				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Acenaphthylene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Aniline	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
Anthracene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzidine	EPA 8270C	4E07038	13000	ND	20	5/7/2004	5/12/2004	
Benzoic acid	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Benzo(a)anthracene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(b)fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(k)fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzo(a)pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Benzyl alcohol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E07038	3300	ND	20	5/7/2004	5/12/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Butyl benzyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chloroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Chloronaphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Chlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Chrysene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
Dibenzofuran	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Di-n-butyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,3-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,4-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2-Dichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
2,4-Dichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Diethyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4-Dimethylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Dimethyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
2,4-Dinitrophenol	EPA 8270C	4E07038	8300	ND	20	5/7/2004	5/12/2004	
2,4-Dinitrotoluene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,6-Dinitrotoluene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Di-n-octyl phthalate	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Fluoranthene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil) - cont.				Sampled: 05/03/04				RL-2
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorobutadiene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Hexachloroethane	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Isophorone	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Methylnaphthalene	EPA 8270C	4E07038	6700	11000	20	5/7/2004	5/12/2004	
2-Methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Methylphenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Naphthalene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Nitroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
3-Nitroaniline	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Nitroaniline	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Nitrobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2-Nitrophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
4-Nitrophenol	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E07038	5000	ND	20	5/7/2004	5/12/2004	
Pentachlorophenol	EPA 8270C	4E07038	17000	ND	20	5/7/2004	5/12/2004	
Phenanthrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Phenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Pyrene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E07038	6700	ND	20	5/7/2004	5/12/2004	
Surrogate: 2-Fluorophenol (25-120%)				77 %				Z3
Surrogate: Phenol-d6 (30-120%)				70 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				79 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				198 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				*				Z3
Surrogate: Terphenyl-d14 (35-155%)				81 %				Z3

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Received: 05/04/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Acenaphthylene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Aniline	EPA 8270C	4E07038	420	ND	1	5/7/2004	5/12/2004	
Anthracene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Benzidine	EPA 8270C	4E07038	660	ND	1	5/7/2004	5/12/2004	
Benzoic acid	EPA 8270C	4E07038	830	ND	1	5/7/2004	5/12/2004	
Benzo(a)anthracene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Benzo(b)fluoranthene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Benzo(k)fluoranthene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Benzo(g,h,i)perylene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Benzo(a)pyrene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Benzyl alcohol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E07038	170	ND	1	5/7/2004	5/12/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Butyl benzyl phthalate	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4-Chloroaniline	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2-Chloronaphthalene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2-Chlorophenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Chrysene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E07038	420	ND	1	5/7/2004	5/12/2004	
Dibenzofuran	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Di-n-butyl phthalate	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
1,3-Dichlorobenzene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
1,4-Dichlorobenzene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
1,2-Dichlorobenzene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E07038	830	ND	1	5/7/2004	5/12/2004	
2,4-Dichlorophenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Diethyl phthalate	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2,4-Dimethylphenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Dimethyl phthalate	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E07038	420	ND	1	5/7/2004	5/12/2004	
2,4-Dinitrophenol	EPA 8270C	4E07038	420	ND	1	5/7/2004	5/12/2004	
2,4-Dinitrotoluene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2,6-Dinitrotoluene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Di-n-octyl phthalate	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Fluoranthene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-04 (PNL-11 - Soil) - cont.				Sampled: 05/03/04				
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Hexachlorobenzene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Hexachlorobutadiene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E07038	830	ND	1	5/7/2004	5/12/2004	
Hexachloroethane	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Isophorone	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2-Methylnaphthalene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2-Methylphenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4-Methylphenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Naphthalene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2-Nitroaniline	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
3-Nitroaniline	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4-Nitroaniline	EPA 8270C	4E07038	830	ND	1	5/7/2004	5/12/2004	
Nitrobenzene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2-Nitrophenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
4-Nitrophenol	EPA 8270C	4E07038	830	ND	1	5/7/2004	5/12/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E07038	250	ND	1	5/7/2004	5/12/2004	
Pentachlorophenol	EPA 8270C	4E07038	830	ND	1	5/7/2004	5/12/2004	
Phenanthrene	EPA 8270C	4E07038	330	460	1	5/7/2004	5/12/2004	
Phenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
Pyrene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E07038	330	ND	1	5/7/2004	5/12/2004	
<i>Surrogate: 2-Fluorophenol (25-120%)</i>				53 %				
<i>Surrogate: Phenol-d6 (30-120%)</i>				62 %				
<i>Surrogate: 2,4,6-Tribromophenol (35-120%)</i>				82 %				
<i>Surrogate: Nitrobenzene-d5 (30-120%)</i>				54 %				
<i>Surrogate: 2-Fluorobiphenyl (35-120%)</i>				62 %				
<i>Surrogate: Terphenyl-d14 (35-155%)</i>				79 %				

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0119

Sampled: 05/03/04-05/04/04
Received: 05/04/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4E05064	10	ND	1	5/5/2004	5/5/2004	
Arsenic	EPA 6010B	4E05064	2.0	3.7	1	5/5/2004	5/5/2004	
Barium	EPA 6010B	4E05064	1.0	390	1	5/5/2004	5/5/2004	
Beryllium	EPA 6010B	4E05064	0.50	ND	1	5/5/2004	5/5/2004	
Cadmium	EPA 6010B	4E05064	0.50	0.52	1	5/5/2004	5/5/2004	
Chromium	EPA 6010B	4E05064	1.0	14	1	5/5/2004	5/5/2004	
Cobalt	EPA 6010B	4E05064	1.0	4.2	1	5/5/2004	5/5/2004	
Copper	EPA 6010B	4E05064	2.0	17	1	5/5/2004	5/5/2004	
Lead	EPA 6010B	4E05064	2.0	17	1	5/5/2004	5/5/2004	
Mercury	EPA 7471A	4E11076	0.020	0.086	1	5/11/2004	5/11/2004	
Molybdenum	EPA 6010B	4E05064	2.0	2.4	1	5/5/2004	5/5/2004	
Nickel	EPA 6010B	4E05064	2.0	24	1	5/5/2004	5/5/2004	
Selenium	EPA 6010B	4E05064	2.0	ND	1	5/5/2004	5/5/2004	
Silver	EPA 6010B	4E05064	1.0	ND	1	5/5/2004	5/5/2004	M1
Thallium	EPA 6010B	4E05064	10	ND	1	5/5/2004	5/5/2004	
Vanadium	EPA 6010B	4E05064	1.0	20	1	5/5/2004	5/5/2004	
Zinc	EPA 6010B	4E05064	5.0	75	1	5/5/2004	5/5/2004	

Sample ID: INE0119-04 (PNL-11 - Soil)
Reporting Units: mg/kg

Sampled: 05/03/04

Antimony	EPA 6010B	4E05064	10	ND	1	5/5/2004	5/5/2004	
Arsenic	EPA 6010B	4E05064	2.0	2.4	1	5/5/2004	5/5/2004	
Barium	EPA 6010B	4E05064	1.0	25	1	5/5/2004	5/5/2004	
Beryllium	EPA 6010B	4E05064	0.50	ND	1	5/5/2004	5/5/2004	
Cadmium	EPA 6010B	4E05064	0.50	ND	1	5/5/2004	5/5/2004	
Chromium	EPA 6010B	4E05064	1.0	5.0	1	5/5/2004	5/5/2004	
Cobalt	EPA 6010B	4E05064	1.0	2.2	1	5/5/2004	5/5/2004	
Copper	EPA 6010B	4E05064	2.0	4.0	1	5/5/2004	5/5/2004	
Lead	EPA 6010B	4E05064	2.0	ND	1	5/5/2004	5/5/2004	
Mercury	EPA 7471A	4E11076	0.020	0.034	1	5/11/2004	5/11/2004	
Molybdenum	EPA 6010B	4E05064	2.0	ND	1	5/5/2004	5/5/2004	
Nickel	EPA 6010B	4E05064	2.0	3.0	1	5/5/2004	5/5/2004	
Selenium	EPA 6010B	4E05064	2.0	ND	1	5/5/2004	5/5/2004	
Silver	EPA 6010B	4E05064	1.0	ND	1	5/5/2004	5/5/2004	
Thallium	EPA 6010B	4E05064	10	ND	1	5/5/2004	5/5/2004	
Vanadium	EPA 6010B	4E05064	1.0	8.9	1	5/5/2004	5/5/2004	
Zinc	EPA 6010B	4E05064	5.0	12	1	5/5/2004	5/5/2004	

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 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E05069	0.20	ND	1	5/5/2004	5/5/2004	
Oil & Grease	EPA 413.2 MOD.	4E10055	1000	44000	200	5/10/2004	5/10/2004	
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				
Reporting Units: pH Units								
pH	EPA 9045C	4E05079	NA	8.35	1	5/5/2004	5/5/2004	
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E05069	0.20	ND	1	5/5/2004	5/5/2004	
Oil & Grease	EPA 413.2 MOD.	4E10055	50	1000	10	5/10/2004	5/10/2004	M-HA
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E10046	NA	Not Ignitable	1	5/10/2004	5/10/2004	
Reactivity with water	SW846 7.3.2.1	4E06070	1.0	ND	1	5/6/2004	5/6/2004	
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				
Reporting Units: pH Units								
pH	EPA 9045C	4E05079	NA	8.15	1	5/5/2004	5/5/2004	

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Sampled: 05/03/04-05/04/04
 Received: 05/04/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				C-06, R-05
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
alpha-BHC	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
beta-BHC	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
delta-BHC	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
gamma-BHC (Lindane)	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
Chlordane (tech)	EPA 8081A	4E07021	100	ND	5	5/7/2004	5/12/2004	
4,4'-DDD	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
4,4'-DDE	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
4,4'-DDT	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
Dieldrin	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
Endosulfan I	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
Endosulfan II	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
Endosulfan sulfate	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
Endrin	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
Endrin aldehyde	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
Endrin ketone	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
Heptachlor	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
Heptachlor epoxide	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
Methoxychlor	EPA 8081A	4E07021	100	ND	5	5/7/2004	5/12/2004	
Toxaphene	EPA 8081A	4E07021	400	ND	5	5/7/2004	5/12/2004	
<i>Surrogate: Tetrachloro-m-xylene (66-116%)</i>				519 %				S07
<i>Surrogate: Decachlorobiphenyl (42-153%)</i>				*				S07

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Sampled: 05/03/04-05/04/04
Received: 05/04/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				C-06, R-05
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
alpha-BHC	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
beta-BHC	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
delta-BHC	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
gamma-BHC (Lindane)	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
Chlordane (tech)	EPA 8081A	4E07021	100	ND	5	5/7/2004	5/12/2004	
4,4'-DDD	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
4,4'-DDE	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
4,4'-DDT	EPA 8081A	4E07021	30	36	5	5/7/2004	5/12/2004	
Dieldrin	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
Endosulfan I	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
Endosulfan II	EPA 8081A	4E07021	10	54	5	5/7/2004	5/12/2004	
Endosulfan sulfate	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
Endrin	EPA 8081A	4E07021	10	ND	5	5/7/2004	5/12/2004	
Endrin aldehyde	EPA 8081A	4E07021	30	ND	5	5/7/2004	5/12/2004	
Endrin ketone	EPA 8081A	4E07021	30	35	5	5/7/2004	5/12/2004	
Heptachlor	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
Heptachlor epoxide	EPA 8081A	4E07021	5.0	ND	5	5/7/2004	5/12/2004	
Methoxychlor	EPA 8081A	4E07021	100	ND	5	5/7/2004	5/12/2004	
Toxaphene	EPA 8081A	4E07021	400	ND	5	5/7/2004	5/12/2004	
<i>Surrogate: Tetrachloro-m-xylene (66-116%)</i>				<i>151 %</i>				<i>S07</i>
<i>Surrogate: Decachlorobiphenyl (42-153%)</i>				<i>345 %</i>				<i>S07</i>

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Report Number: INE0119

Sampled: 05/03/04-05/04/04
Received: 05/04/04

Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0119-01 (PNL-4 - Soil)				Sampled: 05/03/04				R-05
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1221	EPA 8082	4E07024	800	ND	10	5/7/2004	5/11/2004	
PCB-1232	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1242	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1248	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1254	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1260	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1268	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				156 %				S07
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				574 %				S07
Sample ID: INE0119-04 (PNL-11 - Soil)				Sampled: 05/03/04				R-05
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1221	EPA 8082	4E07024	800	ND	10	5/7/2004	5/11/2004	
PCB-1232	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1242	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1248	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1254	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1260	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
PCB-1268	EPA 8082	4E07024	200	ND	10	5/7/2004	5/11/2004	
<i>Surrogate: Tetrachloro-m-xylene (23-151%)</i>				141 %				S07
<i>Surrogate: Decachlorobiphenyl (26-142%)</i>				1030 %				S07

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Report Number: INE0119

Sampled: 05/03/04-05/04/04
Received: 05/04/04

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: PNL-4 (INE0119-01) - Soil EPA 9045C	1	05/03/2004 08:41	05/04/2004 17:36	05/05/2004 08:00	05/05/2004 09:00
Sample ID: PNL-11 (INE0119-04) - Soil EPA 9045C	1	05/03/2004 12:30	05/04/2004 17:36	05/05/2004 08:00	05/05/2004 09:00

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Received: 05/04/04

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07080 Extracted: 05/07/04										
Blank Analyzed: 05/07/04 (4E07080-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 05/07/04 (4E07080-BS1)										
Total Recoverable Hydrocarbons	14.1	5.0	mg/kg	20.0		70	55-130			
Matrix Spike Analyzed: 05/07/04 (4E07080-MS1) Source: INE0322-01										
Total Recoverable Hydrocarbons	17.3	5.0	mg/kg	20.0	1.6	78	35-130			
Matrix Spike Dup Analyzed: 05/07/04 (4E07080-MSD1) Source: INE0322-01										
Total Recoverable Hydrocarbons	16.3	5.0	mg/kg	20.0	1.6	73	35-130	6	25	

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 Received: 05/04/04

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05033 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05033-BLK1)										
GRO (C6 - C12)	ND	5.0	mg/kg							
DRO/ORO (C13 - C40)	ND	5.0	mg/kg							
EFH (C6 - C40)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	5.00		mg/kg	6.67		75	50-125			
LCS Analyzed: 05/05/04 (4E05033-BS1)										
EFH (C6 - C40)	29.7	5.0	mg/kg	33.3		89	45-115			
Surrogate: n-Octacosane	4.64		mg/kg	6.67		70	50-125			
Matrix Spike Analyzed: 05/05/04 (4E05033-MS1)					Source: INE0090-04					
EFH (C6 - C40)	30.1	5.0	mg/kg	33.3	ND	90	35-115			
Surrogate: n-Octacosane	4.73		mg/kg	6.67		71	50-125			
Matrix Spike Dup Analyzed: 05/05/04 (4E05033-MSD1)					Source: INE0090-04					
EFH (C6 - C40)	30.3	5.0	mg/kg	33.3	ND	91	35-115	1	30	
Surrogate: n-Octacosane	4.86		mg/kg	6.67		73	50-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
Blank Analyzed: 05/08/04 (4E07019-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							

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Received: 05/04/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
Blank Analyzed: 05/08/04 (4E07019-BLK1)										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	2720		ug/kg	2500		109	50-160			
Surrogate: Toluene-d8	2870		ug/kg	2500		115	60-160			
Surrogate: 4-Bromofluorobenzene	2710		ug/kg	2500		108	60-150			

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

Geosyntec Consultants/Project Navigator - Ascon
 2100 Main Street, Suite 150
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 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
LCS Analyzed: 05/07/04 (4E07019-BS1)										
Benzene	2450	100	ug/kg	2500		98	75-125			
Bromobenzene	2510	250	ug/kg	2500		100	80-120			
Bromochloromethane	2640	250	ug/kg	2500		106	65-140			
Bromodichloromethane	2930	100	ug/kg	2500		117	70-140			
Bromoform	2900	250	ug/kg	2500		116	60-130			
Bromomethane	1960	250	ug/kg	2500		78	35-140			
n-Butylbenzene	2620	250	ug/kg	2500		105	80-130			
sec-Butylbenzene	2560	250	ug/kg	2500		102	75-125			
tert-Butylbenzene	2600	250	ug/kg	2500		104	80-125			
Carbon tetrachloride	3040	250	ug/kg	2500		122	70-140			
Chlorobenzene	2610	100	ug/kg	2500		104	80-125			
Chloroethane	2070	250	ug/kg	2500		83	40-145			
Chloroform	2780	100	ug/kg	2500		111	75-130			
Chloromethane	2200	250	ug/kg	2500		88	30-145			
2-Chlorotoluene	2540	250	ug/kg	2500		102	75-125			
4-Chlorotoluene	2600	250	ug/kg	2500		104	80-125			
Dibromochloromethane	2770	100	ug/kg	2500		111	65-145			
1,2-Dibromo-3-chloropropane	2800	250	ug/kg	2500		112	45-135			
1,2-Dibromoethane (EDB)	2800	100	ug/kg	2500		112	75-130			
Dibromomethane	2830	100	ug/kg	2500		113	75-135			
1,2-Dichlorobenzene	2600	100	ug/kg	2500		104	80-120			
1,3-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120			
1,4-Dichlorobenzene	2530	100	ug/kg	2500		101	80-120			
Dichlorodifluoromethane	2480	250	ug/kg	2500		99	10-160			
1,1-Dichloroethane	2480	100	ug/kg	2500		99	70-135			
1,2-Dichloroethane	3180	100	ug/kg	2500		127	60-150			
1,1-Dichloroethene	2360	250	ug/kg	2500		94	80-145			
cis-1,2-Dichloroethene	2340	100	ug/kg	2500		94	70-135			
trans-1,2-Dichloroethene	2380	100	ug/kg	2500		95	70-135			
1,2-Dichloropropane	2460	100	ug/kg	2500		98	75-125			
1,3-Dichloropropane	2710	100	ug/kg	2500		108	75-130			
2,2-Dichloropropane	2790	100	ug/kg	2500		112	70-150			
1,1-Dichloropropene	2690	100	ug/kg	2500		108	75-130			
cis-1,3-Dichloropropene	2660	100	ug/kg	2500		106	75-130			
trans-1,3-Dichloropropene	2890	100	ug/kg	2500		116	75-135			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
LCS Analyzed: 05/07/04 (4E07019-BS1)										
Ethylbenzene	2730	100	ug/kg	2500		109	80-120			
Hexachlorobutadiene	2710	250	ug/kg	2500		108	75-140			
Isopropylbenzene	2610	100	ug/kg	2500		104	75-125			
p-Isopropyltoluene	2590	100	ug/kg	2500		104	80-125			
Methylene chloride	2280	1000	ug/kg	2500		91	60-145			
Naphthalene	3190	250	ug/kg	2500		128	50-145			
n-Propylbenzene	2590	100	ug/kg	2500		104	75-130			
Styrene	2750	100	ug/kg	2500		110	80-135			
1,1,1,2-Tetrachloroethane	2850	250	ug/kg	2500		114	70-145			
1,1,2,2-Tetrachloroethane	2430	100	ug/kg	2500		97	60-135			
Tetrachloroethene	2690	100	ug/kg	2500		108	80-125			
Toluene	2680	100	ug/kg	2500		107	80-125			
1,2,3-Trichlorobenzene	2780	250	ug/kg	2500		111	65-135			
1,2,4-Trichlorobenzene	2750	250	ug/kg	2500		110	70-140			
1,1,1-Trichloroethane	3000	100	ug/kg	2500		120	75-140			
1,1,2-Trichloroethane	2680	100	ug/kg	2500		107	70-130			
Trichloroethene	2670	100	ug/kg	2500		107	80-130			
Trichlorofluoromethane	2880	250	ug/kg	2500		115	55-145			
1,2,3-Trichloropropane	2980	500	ug/kg	2500		119	60-130			
1,2,4-Trimethylbenzene	2690	100	ug/kg	2500		108	80-125			
1,3,5-Trimethylbenzene	2670	100	ug/kg	2500		107	80-125			
Vinyl chloride	1370	250	ug/kg	2500		55	10-120			
o-Xylene	2680	100	ug/kg	2500		107	80-125			
m,p-Xylenes	5430	100	ug/kg	5000		109	80-120			
Surrogate: Dibromofluoromethane	2770		ug/kg	2500		111	50-160			
Surrogate: Toluene-d8	2870		ug/kg	2500		115	60-160			
Surrogate: 4-Bromofluorobenzene	2980		ug/kg	2500		119	60-150			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
LCS Dup Analyzed: 05/07/04 (4E07019-BSD1)										
Benzene	2530	100	ug/kg	2500		101	75-125	3	20	
Bromobenzene	2530	250	ug/kg	2500		101	80-120	1	20	
Bromochloromethane	2680	250	ug/kg	2500		107	65-140	2	20	
Bromodichloromethane	2900	100	ug/kg	2500		116	70-140	1	20	
Bromoform	2910	250	ug/kg	2500		116	60-130	0	25	
Bromomethane	1990	250	ug/kg	2500		80	35-140	2	30	
n-Butylbenzene	2560	250	ug/kg	2500		102	80-130	2	20	
sec-Butylbenzene	2560	250	ug/kg	2500		102	75-125	0	20	
tert-Butylbenzene	2600	250	ug/kg	2500		104	80-125	0	20	
Carbon tetrachloride	3000	250	ug/kg	2500		120	70-140	1	20	
Chlorobenzene	2650	100	ug/kg	2500		106	80-125	2	20	
Chloroethane	2110	250	ug/kg	2500		84	40-145	2	25	
Chloroform	2760	100	ug/kg	2500		110	75-130	1	20	
Chloromethane	2190	250	ug/kg	2500		88	30-145	1	25	
2-Chlorotoluene	2540	250	ug/kg	2500		102	75-125	0	20	
4-Chlorotoluene	2590	250	ug/kg	2500		104	80-125	0	20	
Dibromochloromethane	2790	100	ug/kg	2500		112	65-145	1	20	
1,2-Dibromo-3-chloropropane	2940	250	ug/kg	2500		118	45-135	5	25	
1,2-Dibromoethane (EDB)	2840	100	ug/kg	2500		114	75-130	1	20	
Dibromomethane	2760	100	ug/kg	2500		110	75-135	3	20	
1,2-Dichlorobenzene	2560	100	ug/kg	2500		102	80-120	2	20	
1,3-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120	0	20	
1,4-Dichlorobenzene	2510	100	ug/kg	2500		100	80-120	1	20	
Dichlorodifluoromethane	2400	250	ug/kg	2500		96	10-160	3	30	
1,1-Dichloroethane	2490	100	ug/kg	2500		100	70-135	0	20	
1,2-Dichloroethane	3120	100	ug/kg	2500		125	60-150	2	25	
1,1-Dichloroethene	2430	250	ug/kg	2500		97	80-145	3	20	
cis-1,2-Dichloroethene	2390	100	ug/kg	2500		96	70-135	2	20	
trans-1,2-Dichloroethene	2450	100	ug/kg	2500		98	70-135	3	20	
1,2-Dichloropropane	2490	100	ug/kg	2500		100	75-125	1	20	
1,3-Dichloropropane	2740	100	ug/kg	2500		110	75-130	1	20	
2,2-Dichloropropane	2650	100	ug/kg	2500		106	70-150	5	20	
1,1-Dichloropropene	2680	100	ug/kg	2500		107	75-130	0	20	
cis-1,3-Dichloropropene	2660	100	ug/kg	2500		106	75-130	0	20	
trans-1,3-Dichloropropene	2880	100	ug/kg	2500		115	75-135	0	20	

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 SB0202/31
 Report Number: INE0119

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
LCS Dup Analyzed: 05/07/04 (4E07019-BSD1)										
Ethylbenzene	2710	100	ug/kg	2500		108	80-120	1	20	
Hexachlorobutadiene	2640	250	ug/kg	2500		106	75-140	3	20	
Isopropylbenzene	2580	100	ug/kg	2500		103	75-125	1	20	
p-Isopropyltoluene	2550	100	ug/kg	2500		102	80-125	2	20	
Methylene chloride	2400	1000	ug/kg	2500		96	60-145	5	20	
Naphthalene	2810	250	ug/kg	2500		112	50-145	13	25	
n-Propylbenzene	2590	100	ug/kg	2500		104	75-130	0	20	
Styrene	2750	100	ug/kg	2500		110	80-135	0	20	
1,1,1,2-Tetrachloroethane	2810	250	ug/kg	2500		112	70-145	1	20	
1,1,2,2-Tetrachloroethane	2490	100	ug/kg	2500		100	60-135	2	25	
Tetrachloroethene	2660	100	ug/kg	2500		106	80-125	1	20	
Toluene	2640	100	ug/kg	2500		106	80-125	2	20	
1,2,3-Trichlorobenzene	2760	250	ug/kg	2500		110	65-135	1	20	
1,2,4-Trichlorobenzene	2700	250	ug/kg	2500		108	70-140	2	20	
1,1,1-Trichloroethane	2920	100	ug/kg	2500		117	75-140	3	20	
1,1,2-Trichloroethane	2680	100	ug/kg	2500		107	70-130	0	20	
Trichloroethene	2620	100	ug/kg	2500		105	80-130	2	20	
Trichlorofluoromethane	2880	250	ug/kg	2500		115	55-145	0	25	
1,2,3-Trichloropropane	2960	500	ug/kg	2500		118	60-130	1	20	
1,2,4-Trimethylbenzene	2630	100	ug/kg	2500		105	80-125	2	20	
1,3,5-Trimethylbenzene	2640	100	ug/kg	2500		106	80-125	1	20	
Vinyl chloride	1300	250	ug/kg	2500		52	10-120	5	30	
o-Xylene	2690	100	ug/kg	2500		108	80-125	0	20	
m,p-Xylenes	5450	100	ug/kg	5000		109	80-120	0	20	
Surrogate: Dibromofluoromethane	2710		ug/kg	2500		108	50-160			
Surrogate: Toluene-d8	2830		ug/kg	2500		113	60-160			
Surrogate: 4-Bromofluorobenzene	2980		ug/kg	2500		119	60-150			

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2100 Main Street, Suite 150
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Received: 05/04/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
Matrix Spike Analyzed: 05/08/04 (4E07019-MS1)					Source: INE0009-25					
Benzene	2900	100	ug/kg	2500	ND	116	60-140			
Bromobenzene	2910	250	ug/kg	2500	ND	116	65-130			
Bromochloromethane	2910	250	ug/kg	2500	ND	116	60-145			
Bromodichloromethane	2940	100	ug/kg	2500	ND	118	65-150			
Bromoform	2540	250	ug/kg	2500	ND	102	55-150			
Bromomethane	2030	250	ug/kg	2500	ND	81	30-160			
n-Butylbenzene	2980	250	ug/kg	2500	ND	119	60-150			
sec-Butylbenzene	2930	250	ug/kg	2500	ND	117	65-145			
tert-Butylbenzene	2920	250	ug/kg	2500	ND	117	60-150			
Carbon tetrachloride	2910	250	ug/kg	2500	ND	116	70-140			
Chlorobenzene	2930	100	ug/kg	2500	ND	117	70-140			
Chloroethane	2050	250	ug/kg	2500	ND	82	30-170			
Chloroform	2780	100	ug/kg	2500	ND	111	60-140			
Chloromethane	2390	250	ug/kg	2500	ND	96	30-160			
2-Chlorotoluene	2830	250	ug/kg	2500	ND	113	60-140			
4-Chlorotoluene	2880	250	ug/kg	2500	ND	115	70-135			
Dibromochloromethane	2810	100	ug/kg	2500	ND	112	60-150			
1,2-Dibromo-3-chloropropane	2150	250	ug/kg	2500	ND	86	40-150			
1,2-Dibromoethane (EDB)	2890	100	ug/kg	2500	ND	116	65-140			
Dibromomethane	2850	100	ug/kg	2500	ND	114	65-140			
1,2-Dichlorobenzene	2920	100	ug/kg	2500	ND	117	70-130			
1,3-Dichlorobenzene	2860	100	ug/kg	2500	ND	114	60-155			
1,4-Dichlorobenzene	2920	100	ug/kg	2500	ND	117	55-150			
Dichlorodifluoromethane	2200	250	ug/kg	2500	ND	88	10-160			
1,1-Dichloroethane	2820	100	ug/kg	2500	ND	113	60-155			
1,2-Dichloroethane	2810	100	ug/kg	2500	ND	112	55-150			
1,1-Dichloroethene	2960	250	ug/kg	2500	ND	118	60-165			
cis-1,2-Dichloroethene	2770	100	ug/kg	2500	ND	111	60-135			
trans-1,2-Dichloroethene	2860	100	ug/kg	2500	ND	114	50-155			
1,2-Dichloropropane	2870	100	ug/kg	2500	ND	115	65-135			
1,3-Dichloropropane	2880	100	ug/kg	2500	ND	115	65-135			
2,2-Dichloropropane	2660	100	ug/kg	2500	ND	106	60-150			
1,1-Dichloropropene	2860	100	ug/kg	2500	ND	114	60-140			
cis-1,3-Dichloropropene	2910	100	ug/kg	2500	ND	116	60-135			
trans-1,3-Dichloropropene	2930	100	ug/kg	2500	ND	117	55-155			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
Matrix Spike Analyzed: 05/08/04 (4E07019-MS1)					Source: INE0009-25					
Ethylbenzene	3000	100	ug/kg	2500	ND	120	60-140			
Hexachlorobutadiene	2900	250	ug/kg	2500	ND	116	65-145			
Isopropylbenzene	2950	100	ug/kg	2500	ND	118	60-140			
p-Isopropyltoluene	2860	100	ug/kg	2500	ND	114	60-145			
Methylene chloride	3000	1000	ug/kg	2500	ND	120	50-155			
Naphthalene	2810	250	ug/kg	2500	ND	112	30-165			
n-Propylbenzene	2990	100	ug/kg	2500	ND	120	60-145			
Styrene	3160	100	ug/kg	2500	ND	126	60-145			
1,1,1,2-Tetrachloroethane	2970	250	ug/kg	2500	ND	119	65-145			
1,1,2,2-Tetrachloroethane	2730	100	ug/kg	2500	ND	109	60-150			
Tetrachloroethene	2920	100	ug/kg	2500	ND	117	65-145			
Toluene	2970	100	ug/kg	2500	ND	119	60-145			
1,2,3-Trichlorobenzene	2940	250	ug/kg	2500	ND	118	45-145			
1,2,4-Trichlorobenzene	3020	250	ug/kg	2500	ND	121	60-140			
1,1,1-Trichloroethane	2870	100	ug/kg	2500	ND	115	65-140			
1,1,2-Trichloroethane	2850	100	ug/kg	2500	ND	114	60-140			
Trichloroethene	2920	100	ug/kg	2500	ND	117	70-150			
Trichlorofluoromethane	2700	250	ug/kg	2500	ND	108	35-165			
1,2,3-Trichloropropane	2650	500	ug/kg	2500	ND	106	50-150			
1,2,4-Trimethylbenzene	2950	100	ug/kg	2500	ND	118	70-135			
1,3,5-Trimethylbenzene	2990	100	ug/kg	2500	ND	120	70-135			
Vinyl chloride	999	250	ug/kg	2500	ND	40	10-120			
o-Xylene	2930	100	ug/kg	2500	ND	117	60-145			
m,p-Xylenes	6070	100	ug/kg	5000	ND	121	60-140			
Surrogate: Dibromofluoromethane	2930		ug/kg	2500		117	50-160			
Surrogate: Toluene-d8	3050		ug/kg	2500		122	60-160			
Surrogate: 4-Bromofluorobenzene	2970		ug/kg	2500		119	60-150			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/08/04 (4E07019-MSD1)					Source: INE0009-25					
Benzene	2890	100	ug/kg	2500	ND	116	60-140	0	25	
Bromobenzene	2910	250	ug/kg	2500	ND	116	65-130	0	25	
Bromochloromethane	2970	250	ug/kg	2500	ND	119	60-145	2	25	
Bromodichloromethane	2990	100	ug/kg	2500	ND	120	65-150	2	25	
Bromoform	2800	250	ug/kg	2500	ND	112	55-150	10	30	
Bromomethane	1960	250	ug/kg	2500	ND	78	30-160	4	30	
n-Butylbenzene	2940	250	ug/kg	2500	ND	118	60-150	1	25	
sec-Butylbenzene	2870	250	ug/kg	2500	ND	115	65-145	2	25	
tert-Butylbenzene	2860	250	ug/kg	2500	ND	114	60-150	2	20	
Carbon tetrachloride	2920	250	ug/kg	2500	ND	117	70-140	0	20	
Chlorobenzene	2930	100	ug/kg	2500	ND	117	70-140	0	25	
Chloroethane	1970	250	ug/kg	2500	ND	79	30-170	4	35	
Chloroform	2770	100	ug/kg	2500	ND	111	60-140	0	25	
Chloromethane	2410	250	ug/kg	2500	ND	96	30-160	1	30	
2-Chlorotoluene	2820	250	ug/kg	2500	ND	113	60-140	0	25	
4-Chlorotoluene	2840	250	ug/kg	2500	ND	114	70-135	1	20	
Dibromochloromethane	2980	100	ug/kg	2500	ND	119	60-150	6	25	
1,2-Dibromo-3-chloropropane	2390	250	ug/kg	2500	ND	96	40-150	11	30	
1,2-Dibromoethane (EDB)	3090	100	ug/kg	2500	ND	124	65-140	7	25	
Dibromomethane	2980	100	ug/kg	2500	ND	119	65-140	4	20	
1,2-Dichlorobenzene	2930	100	ug/kg	2500	ND	117	70-130	0	20	
1,3-Dichlorobenzene	2800	100	ug/kg	2500	ND	112	60-155	2	25	
1,4-Dichlorobenzene	2880	100	ug/kg	2500	ND	115	55-150	1	25	
Dichlorodifluoromethane	2170	250	ug/kg	2500	ND	87	10-160	1	35	
1,1-Dichloroethane	2850	100	ug/kg	2500	ND	114	60-155	1	25	
1,2-Dichloroethane	2870	100	ug/kg	2500	ND	115	55-150	2	30	
1,1-Dichloroethene	2980	250	ug/kg	2500	ND	119	60-165	1	25	
cis-1,2-Dichloroethene	2770	100	ug/kg	2500	ND	111	60-135	0	25	
trans-1,2-Dichloroethene	2890	100	ug/kg	2500	ND	116	50-155	1	25	
1,2-Dichloropropane	2890	100	ug/kg	2500	ND	116	65-135	1	20	
1,3-Dichloropropane	3050	100	ug/kg	2500	ND	122	65-135	6	20	
2,2-Dichloropropane	2740	100	ug/kg	2500	ND	110	60-150	3	20	
1,1-Dichloropropene	2850	100	ug/kg	2500	ND	114	60-140	0	20	
cis-1,3-Dichloropropene	2940	100	ug/kg	2500	ND	118	60-135	1	25	
trans-1,3-Dichloropropene	3060	100	ug/kg	2500	ND	122	55-155	4	25	

Del Mar Analytical, Irvine
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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0119

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07019 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/08/04 (4E07019-MSD1)					Source: INE0009-25					
Ethylbenzene	3010	100	ug/kg	2500	ND	120	60-140	0	25	
Hexachlorobutadiene	2770	250	ug/kg	2500	ND	111	65-145	5	25	
Isopropylbenzene	2890	100	ug/kg	2500	ND	116	60-140	2	25	
p-Isopropyltoluene	2790	100	ug/kg	2500	ND	112	60-145	2	25	
Methylene chloride	3120	1000	ug/kg	2500	ND	125	50-155	4	25	
Naphthalene	2990	250	ug/kg	2500	ND	120	30-165	6	30	
n-Propylbenzene	2930	100	ug/kg	2500	ND	117	60-145	2	25	
Styrene	3200	100	ug/kg	2500	ND	128	60-145	1	20	
1,1,1,2-Tetrachloroethane	3010	250	ug/kg	2500	ND	120	65-145	1	20	
1,1,2,2-Tetrachloroethane	2990	100	ug/kg	2500	ND	120	60-150	9	20	
Tetrachloroethene	2900	100	ug/kg	2500	ND	116	65-145	1	25	
Toluene	2940	100	ug/kg	2500	ND	118	60-145	1	25	
1,2,3-Trichlorobenzene	2960	250	ug/kg	2500	ND	118	45-145	1	30	
1,2,4-Trichlorobenzene	3000	250	ug/kg	2500	ND	120	60-140	1	25	
1,1,1-Trichloroethane	2880	100	ug/kg	2500	ND	115	65-140	0	25	
1,1,2-Trichloroethane	2970	100	ug/kg	2500	ND	119	60-140	4	20	
Trichloroethene	2930	100	ug/kg	2500	ND	117	70-150	0	25	
Trichlorofluoromethane	2700	250	ug/kg	2500	ND	108	35-165	0	30	
1,2,3-Trichloropropane	2830	500	ug/kg	2500	ND	113	50-150	7	20	
1,2,4-Trimethylbenzene	2870	100	ug/kg	2500	ND	115	70-135	3	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500	ND	117	70-135	2	25	
Vinyl chloride	881	250	ug/kg	2500	ND	35	10-120	13	35	
o-Xylene	2950	100	ug/kg	2500	ND	118	60-145	1	25	
m,p-Xylenes	6030	100	ug/kg	5000	ND	121	60-140	1	25	
Surrogate: Dibromofluoromethane	2940		ug/kg	2500		118	50-160			
Surrogate: Toluene-d8	3020		ug/kg	2500		121	60-160			
Surrogate: 4-Bromofluorobenzene	3030		ug/kg	2500		121	60-150			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
Blank Analyzed: 05/04/04 (4E05011-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
Blank Analyzed: 05/04/04 (4E05011-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	51.3		ug/kg	50.0		103	80-125			
Surrogate: Toluene-d8	53.7		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	50.3		ug/kg	50.0		101	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
LCS Analyzed: 05/04/04 (4E05011-BS1)										
Benzene	50.1	2.0	ug/kg	50.0		100	70-120			
Bromobenzene	50.5	5.0	ug/kg	50.0		101	80-120			
Bromochloromethane	54.4	5.0	ug/kg	50.0		109	65-135			
Bromodichloromethane	53.5	2.0	ug/kg	50.0		107	70-140			
Bromoform	58.0	5.0	ug/kg	50.0		116	60-140			
Bromomethane	48.7	5.0	ug/kg	50.0		97	60-140			
n-Butylbenzene	50.1	5.0	ug/kg	50.0		100	75-130			
sec-Butylbenzene	48.6	5.0	ug/kg	50.0		97	75-125			
tert-Butylbenzene	51.3	5.0	ug/kg	50.0		103	80-125			
Carbon tetrachloride	52.0	5.0	ug/kg	50.0		104	70-140			
Chlorobenzene	50.2	2.0	ug/kg	50.0		100	80-125			
Chloroethane	49.2	5.0	ug/kg	50.0		98	55-145			
Chloroform	49.5	2.0	ug/kg	50.0		99	75-120			
Chloromethane	43.2	5.0	ug/kg	50.0		86	35-145			
2-Chlorotoluene	49.2	5.0	ug/kg	50.0		98	75-125			
4-Chlorotoluene	50.0	5.0	ug/kg	50.0		100	80-125			
Dibromochloromethane	53.7	2.0	ug/kg	50.0		107	65-145			
1,2-Dibromo-3-chloropropane	73.9	5.0	ug/kg	50.0		148	50-150			
1,2-Dibromoethane (EDB)	58.6	2.0	ug/kg	50.0		117	70-130			
Dibromomethane	57.3	2.0	ug/kg	50.0		115	70-130			
1,2-Dichlorobenzene	52.0	2.0	ug/kg	50.0		104	80-125			
1,3-Dichlorobenzene	49.3	2.0	ug/kg	50.0		99	80-120			
1,4-Dichlorobenzene	50.5	2.0	ug/kg	50.0		101	80-120			
Dichlorodifluoromethane	41.6	5.0	ug/kg	50.0		83	10-160			
1,1-Dichloroethane	49.9	2.0	ug/kg	50.0		100	70-135			
1,2-Dichloroethane	54.7	2.0	ug/kg	50.0		109	60-150			
1,1-Dichloroethene	50.3	5.0	ug/kg	50.0		101	75-130			
cis-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	70-125			
trans-1,2-Dichloroethene	50.3	2.0	ug/kg	50.0		101	70-130			
1,2-Dichloropropane	50.4	2.0	ug/kg	50.0		101	70-120			
1,3-Dichloropropane	52.8	2.0	ug/kg	50.0		106	70-130			
2,2-Dichloropropane	50.7	2.0	ug/kg	50.0		101	70-150			
1,1-Dichloropropene	50.8	2.0	ug/kg	50.0		102	75-130			
cis-1,3-Dichloropropene	54.1	2.0	ug/kg	50.0		108	75-130			
trans-1,3-Dichloropropene	57.5	2.0	ug/kg	50.0		115	70-135			

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 SB0202/31
 Report Number: INE0119

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METHOD BLANK/QC DATA
VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
LCS Analyzed: 05/04/04 (4E05011-BS1)										
Ethylbenzene	49.9	2.0	ug/kg	50.0		100	75-125			
Hexachlorobutadiene	49.1	5.0	ug/kg	50.0		98	75-140			
Isopropylbenzene	51.9	2.0	ug/kg	50.0		104	75-125			
p-Isopropyltoluene	48.7	2.0	ug/kg	50.0		97	75-125			
Methylene chloride	46.7	20	ug/kg	50.0		93	60-135			
Naphthalene	65.5	5.0	ug/kg	50.0		131	50-145			
n-Propylbenzene	49.9	2.0	ug/kg	50.0		100	75-130			
Styrene	55.0	2.0	ug/kg	50.0		110	80-135			
1,1,1,2-Tetrachloroethane	51.0	5.0	ug/kg	50.0		102	70-145			
1,1,2,2-Tetrachloroethane	70.4	2.0	ug/kg	50.0		141	55-145			
Tetrachloroethene	50.6	2.0	ug/kg	50.0		101	80-125			
Toluene	48.3	2.0	ug/kg	50.0		97	75-120			
1,2,3-Trichlorobenzene	55.2	5.0	ug/kg	50.0		110	65-135			
1,2,4-Trichlorobenzene	54.8	5.0	ug/kg	50.0		110	70-140			
1,1,1-Trichloroethane	50.7	2.0	ug/kg	50.0		101	75-140			
1,1,2-Trichloroethane	54.9	2.0	ug/kg	50.0		110	65-130			
Trichloroethene	49.4	2.0	ug/kg	50.0		99	75-125			
Trichlorofluoromethane	50.5	5.0	ug/kg	50.0		101	50-145			
1,2,3-Trichloropropane	63.6	10	ug/kg	50.0		127	55-140			
1,2,4-Trimethylbenzene	50.1	2.0	ug/kg	50.0		100	75-125			
1,3,5-Trimethylbenzene	51.6	2.0	ug/kg	50.0		103	80-125			
Vinyl chloride	39.6	5.0	ug/kg	50.0		79	45-130			
o-Xylene	49.1	2.0	ug/kg	50.0		98	75-125			
m,p-Xylenes	97.5	2.0	ug/kg	100		98	75-125			
Surrogate: Dibromofluoromethane	52.7		ug/kg	50.0		105	80-125			
Surrogate: Toluene-d8	53.8		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	50.5		ug/kg	50.0		101	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
Matrix Spike Analyzed: 05/04/04 (4E05011-MS1)					Source: INE0015-01					
Benzene	58.5	2.0	ug/kg	50.0	ND	117	65-130			
Bromobenzene	78.7	5.0	ug/kg	50.0	ND	157	70-130			I, MI
Bromochloromethane	60.3	5.0	ug/kg	50.0	ND	121	60-145			
Bromodichloromethane	57.6	2.0	ug/kg	50.0	ND	115	70-145			
Bromoform	55.9	5.0	ug/kg	50.0	ND	112	60-145			I
Bromomethane	67.6	5.0	ug/kg	50.0	ND	135	50-150			
n-Butylbenzene	34.9	5.0	ug/kg	50.0	ND	70	60-140			I
sec-Butylbenzene	42.6	5.0	ug/kg	50.0	ND	85	65-135			I
tert-Butylbenzene	53.9	5.0	ug/kg	50.0	ND	108	70-130			I
Carbon tetrachloride	57.7	5.0	ug/kg	50.0	ND	115	70-140			
Chlorobenzene	60.7	2.0	ug/kg	50.0	ND	121	80-130			I
Chloroethane	64.3	5.0	ug/kg	50.0	ND	129	50-150			
Chloroform	59.2	2.0	ug/kg	50.0	ND	118	70-130			
Chloromethane	55.9	5.0	ug/kg	50.0	ND	112	30-150			
2-Chlorotoluene	71.5	5.0	ug/kg	50.0	ND	143	70-130			I, MI
4-Chlorotoluene	72.8	5.0	ug/kg	50.0	ND	146	65-135			I, MI
Dibromochloromethane	59.1	2.0	ug/kg	50.0	ND	118	65-145			I
1,2-Dibromo-3-chloropropane	91.9	5.0	ug/kg	50.0	ND	184	50-150			I, MI
1,2-Dibromoethane (EDB)	62.9	2.0	ug/kg	50.0	ND	126	65-135			I
Dibromomethane	56.4	2.0	ug/kg	50.0	ND	113	65-135			
1,2-Dichlorobenzene	63.8	2.0	ug/kg	50.0	ND	128	75-130			I
1,3-Dichlorobenzene	62.5	2.0	ug/kg	50.0	ND	125	70-125			I
1,4-Dichlorobenzene	64.9	2.0	ug/kg	50.0	ND	130	75-130			I
Dichlorodifluoromethane	53.5	5.0	ug/kg	50.0	ND	107	10-200			
1,1-Dichloroethane	60.3	2.0	ug/kg	50.0	ND	121	70-135			
1,2-Dichloroethane	57.1	2.0	ug/kg	50.0	ND	114	60-150			
1,1-Dichloroethene	57.6	5.0	ug/kg	50.0	ND	115	75-140			
cis-1,2-Dichloroethene	58.7	2.0	ug/kg	50.0	ND	117	60-135			
trans-1,2-Dichloroethene	61.6	2.0	ug/kg	50.0	ND	123	65-135			
1,2-Dichloropropane	56.1	2.0	ug/kg	50.0	ND	112	65-125			
1,3-Dichloropropane	61.6	2.0	ug/kg	50.0	ND	123	65-135			I
2,2-Dichloropropane	82.8	2.0	ug/kg	50.0	ND	166	60-150			MI
1,1-Dichloropropene	58.0	2.0	ug/kg	50.0	ND	116	60-140			
cis-1,3-Dichloropropene	56.8	2.0	ug/kg	50.0	ND	114	65-135			
trans-1,3-Dichloropropene	57.0	2.0	ug/kg	50.0	ND	114	65-140			

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METHOD BLANK/QC DATA
VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
Matrix Spike Analyzed: 05/04/04 (4E05011-MS1)					Source: INE0015-01					
Ethylbenzene	57.6	2.0	ug/kg	50.0	ND	115	70-130			I
Hexachlorobutadiene	11.7	5.0	ug/kg	50.0	ND	23	65-145			I, M2
Isopropylbenzene	71.1	2.0	ug/kg	50.0	ND	142	60-135			I, M1
p-Isopropyltoluene	41.6	2.0	ug/kg	50.0	ND	83	60-135			I
Methylene chloride	56.9	20	ug/kg	50.0	ND	114	60-145			
Naphthalene	53.9	5.0	ug/kg	50.0	1.1	106	40-160			I
n-Propylbenzene	63.1	2.0	ug/kg	50.0	ND	126	60-140			I
Styrene	62.7	2.0	ug/kg	50.0	ND	125	70-145			I
1,1,1,2-Tetrachloroethane	60.8	5.0	ug/kg	50.0	ND	122	65-145			I
1,1,2,2-Tetrachloroethane	94.8	2.0	ug/kg	50.0	ND	190	55-150			I, M1
Tetrachloroethene	56.1	2.0	ug/kg	50.0	ND	112	70-130			I
Toluene	54.8	2.0	ug/kg	50.0	ND	110	70-125			
1,2,3-Trichlorobenzene	29.9	5.0	ug/kg	50.0	ND	60	60-135			I
1,2,4-Trichlorobenzene	33.7	5.0	ug/kg	50.0	ND	67	65-140			I
1,1,1-Trichloroethane	63.6	2.0	ug/kg	50.0	ND	127	65-140			
1,1,2-Trichloroethane	52.8	2.0	ug/kg	50.0	ND	106	60-140			
Trichloroethene	57.3	2.0	ug/kg	50.0	ND	115	70-140			
Trichlorofluoromethane	61.7	5.0	ug/kg	50.0	ND	123	40-160			
1,2,3-Trichloropropane	90.3	10	ug/kg	50.0	ND	181	55-140			I, M1
1,2,4-Trimethylbenzene	62.3	2.0	ug/kg	50.0	ND	125	65-130			I
1,3,5-Trimethylbenzene	61.2	2.0	ug/kg	50.0	ND	122	70-130			I
Vinyl chloride	56.8	5.0	ug/kg	50.0	ND	114	45-130			
o-Xylene	56.5	2.0	ug/kg	50.0	ND	113	70-125			I
m,p-Xylenes	112	2.0	ug/kg	100	ND	112	70-125			I
Surrogate: Dibromofluoromethane	51.9		ug/kg	50.0		104	80-125			
Surrogate: Toluene-d8	50.8		ug/kg	50.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	44.7		ug/kg	50.0		89	80-120			I

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 Amanda Cordova
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Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
Matrix Spike Dup Analyzed: 05/04/04 (4E05011-MSD1)					Source: INE0015-01					
Benzene	58.4	2.0	ug/kg	50.0	ND	117	65-130	0	20	
Bromobenzene	84.9	5.0	ug/kg	50.0	ND	170	70-130	8	20	I, MI
Bromochloromethane	59.5	5.0	ug/kg	50.0	ND	119	60-145	1	25	
Bromodichloromethane	57.6	2.0	ug/kg	50.0	ND	115	70-145	0	20	
Bromoform	54.0	5.0	ug/kg	50.0	ND	108	60-145	3	25	
Bromomethane	63.3	5.0	ug/kg	50.0	ND	127	50-150	7	25	
n-Butylbenzene	44.0	5.0	ug/kg	50.0	ND	88	60-140	23	25	I
sec-Butylbenzene	53.4	5.0	ug/kg	50.0	ND	107	65-135	23	20	I, R
tert-Butylbenzene	66.2	5.0	ug/kg	50.0	ND	132	70-130	20	20	I, MI
Carbon tetrachloride	58.7	5.0	ug/kg	50.0	ND	117	70-140	2	20	
Chlorobenzene	63.0	2.0	ug/kg	50.0	ND	126	80-130	4	20	
Chloroethane	62.9	5.0	ug/kg	50.0	ND	126	50-150	2	30	
Chloroform	58.5	2.0	ug/kg	50.0	ND	117	70-130	1	20	
Chloromethane	56.2	5.0	ug/kg	50.0	ND	112	30-150	1	30	
2-Chlorotoluene	80.2	5.0	ug/kg	50.0	ND	160	70-130	11	20	MI, I
4-Chlorotoluene	81.2	5.0	ug/kg	50.0	ND	162	65-135	11	20	I, MI
Dibromochloromethane	59.7	2.0	ug/kg	50.0	ND	119	65-145	1	25	
1,2-Dibromo-3-chloropropane	79.2	5.0	ug/kg	50.0	ND	158	50-150	15	30	I, MI
1,2-Dibromoethane (EDB)	61.9	2.0	ug/kg	50.0	ND	124	65-135	2	20	
Dibromomethane	54.2	2.0	ug/kg	50.0	ND	108	65-135	4	20	
1,2-Dichlorobenzene	69.4	2.0	ug/kg	50.0	ND	139	75-130	8	20	I, MI
1,3-Dichlorobenzene	69.3	2.0	ug/kg	50.0	ND	139	70-125	10	20	I, MI
1,4-Dichlorobenzene	72.3	2.0	ug/kg	50.0	ND	145	75-130	11	20	I, MI
Dichlorodifluoromethane	52.4	5.0	ug/kg	50.0	ND	105	10-200	2	35	
1,1-Dichloroethane	60.8	2.0	ug/kg	50.0	ND	122	70-135	1	20	
1,2-Dichloroethane	55.5	2.0	ug/kg	50.0	ND	111	60-150	3	25	
1,1-Dichloroethene	60.8	5.0	ug/kg	50.0	ND	122	75-140	5	20	
cis-1,2-Dichloroethene	58.7	2.0	ug/kg	50.0	ND	117	60-135	0	20	
trans-1,2-Dichloroethene	61.9	2.0	ug/kg	50.0	ND	124	65-135	1	20	
1,2-Dichloropropane	55.7	2.0	ug/kg	50.0	ND	111	65-125	1	20	
1,3-Dichloropropane	61.0	2.0	ug/kg	50.0	ND	122	65-135	1	20	
2,2-Dichloropropane	71.3	2.0	ug/kg	50.0	ND	143	60-150	15	20	
1,1-Dichloropropene	58.5	2.0	ug/kg	50.0	ND	117	60-140	1	20	
cis-1,3-Dichloropropene	55.8	2.0	ug/kg	50.0	ND	112	65-135	2	20	
trans-1,3-Dichloropropene	54.8	2.0	ug/kg	50.0	ND	110	65-140	4	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05011 Extracted: 05/04/04										
Matrix Spike Dup Analyzed: 05/04/04 (4E05011-MSD1)					Source: INE0015-01					
Ethylbenzene	61.7	2.0	ug/kg	50.0	ND	123	70-130	7	20	
Hexachlorobutadiene	15.5	5.0	ug/kg	50.0	ND	31	65-145	28	20	I, M2, R-3
Isopropylbenzene	83.9	2.0	ug/kg	50.0	ND	168	60-135	17	25	I, MI
p-Isopropyltoluene	52.5	2.0	ug/kg	50.0	ND	105	60-135	23	20	I, R
Methylene chloride	56.1	20	ug/kg	50.0	ND	112	60-145	1	25	
Naphthalene	54.6	5.0	ug/kg	50.0	1.1	107	40-160	1	25	I
n-Propylbenzene	74.8	2.0	ug/kg	50.0	ND	150	60-140	17	25	I, MI
Styrene	65.5	2.0	ug/kg	50.0	ND	131	70-145	4	20	
1,1,1,2-Tetrachloroethane	62.5	5.0	ug/kg	50.0	ND	125	65-145	3	20	
1,1,2,2-Tetrachloroethane	86.9	2.0	ug/kg	50.0	ND	174	55-150	9	25	MI, I
Tetrachloroethene	61.8	2.0	ug/kg	50.0	ND	124	70-130	10	20	
Toluene	54.6	2.0	ug/kg	50.0	ND	109	70-125	0	20	
1,2,3-Trichlorobenzene	33.3	5.0	ug/kg	50.0	ND	67	60-135	11	20	I
1,2,4-Trichlorobenzene	38.0	5.0	ug/kg	50.0	ND	76	65-140	12	25	I
1,1,1-Trichloroethane	63.1	2.0	ug/kg	50.0	ND	126	65-140	1	20	
1,1,2-Trichloroethane	50.2	2.0	ug/kg	50.0	ND	100	60-140	5	20	
Trichloroethene	58.8	2.0	ug/kg	50.0	ND	118	70-140	3	20	
Trichlorofluoromethane	61.5	5.0	ug/kg	50.0	ND	123	40-160	0	30	
1,2,3-Trichloropropane	85.0	10	ug/kg	50.0	ND	170	55-140	6	25	I, MI
1,2,4-Trimethylbenzene	72.2	2.0	ug/kg	50.0	ND	144	65-130	15	20	I, MI
1,3,5-Trimethylbenzene	73.6	2.0	ug/kg	50.0	ND	147	70-130	18	20	I, MI
Vinyl chloride	58.7	5.0	ug/kg	50.0	ND	117	45-130	3	30	
o-Xylene	59.0	2.0	ug/kg	50.0	ND	118	70-125	4	20	
m,p-Xylenes	119	2.0	ug/kg	100	ND	119	70-125	6	20	
Surrogate: Dibromofluoromethane	52.6		ug/kg	50.0		105	80-125			
Surrogate: Toluene-d8	49.5		ug/kg	50.0		99	80-120			
Surrogate: 4-Bromofluorobenzene	44.6		ug/kg	50.0		89	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05022-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05022-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	51.4		ug/kg	50.0		103	80-125			
Surrogate: Toluene-d8	53.4		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	50.1		ug/kg	50.0		100	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
LCS Analyzed: 05/05/04 (4E05022-BS1)										
Benzene	47.2	2.0	ug/kg	50.0		94	70-120			
Bromobenzene	49.1	5.0	ug/kg	50.0		98	80-120			
Bromochloromethane	49.6	5.0	ug/kg	50.0		99	65-135			
Bromodichloromethane	48.9	2.0	ug/kg	50.0		98	70-140			
Bromoform	47.6	5.0	ug/kg	50.0		95	60-140			
Bromomethane	48.1	5.0	ug/kg	50.0		96	60-140			
n-Butylbenzene	48.9	5.0	ug/kg	50.0		98	75-130			
sec-Butylbenzene	48.4	5.0	ug/kg	50.0		97	75-125			
tert-Butylbenzene	51.1	5.0	ug/kg	50.0		102	80-125			
Carbon tetrachloride	49.1	5.0	ug/kg	50.0		98	70-140			
Chlorobenzene	48.5	2.0	ug/kg	50.0		97	80-125			
Chloroethane	47.5	5.0	ug/kg	50.0		95	55-145			
Chloroform	46.6	2.0	ug/kg	50.0		93	75-120			
Chloromethane	41.5	5.0	ug/kg	50.0		83	35-145			
2-Chlorotoluene	48.2	5.0	ug/kg	50.0		96	75-125			
4-Chlorotoluene	49.0	5.0	ug/kg	50.0		98	80-125			
Dibromochloromethane	46.4	2.0	ug/kg	50.0		93	65-145			
1,2-Dibromo-3-chloropropane	52.6	5.0	ug/kg	50.0		105	50-150			
1,2-Dibromoethane (EDB)	49.6	2.0	ug/kg	50.0		99	70-130			
Dibromomethane	49.3	2.0	ug/kg	50.0		99	70-130			
1,2-Dichlorobenzene	49.4	2.0	ug/kg	50.0		99	80-125			
1,3-Dichlorobenzene	47.6	2.0	ug/kg	50.0		95	80-120			
1,4-Dichlorobenzene	48.5	2.0	ug/kg	50.0		97	80-120			
Dichlorodifluoromethane	36.9	5.0	ug/kg	50.0		74	10-160			
1,1-Dichloroethane	47.5	2.0	ug/kg	50.0		95	70-135			
1,2-Dichloroethane	47.8	2.0	ug/kg	50.0		96	60-150			
1,1-Dichloroethene	47.7	5.0	ug/kg	50.0		95	75-130			
cis-1,2-Dichloroethene	47.1	2.0	ug/kg	50.0		94	70-125			
trans-1,2-Dichloroethene	47.8	2.0	ug/kg	50.0		96	70-130			
1,2-Dichloropropane	47.3	2.0	ug/kg	50.0		95	70-120			
1,3-Dichloropropane	47.5	2.0	ug/kg	50.0		95	70-130			
2,2-Dichloropropane	49.9	2.0	ug/kg	50.0		100	70-150			
1,1-Dichloropropene	48.5	2.0	ug/kg	50.0		97	75-130			
cis-1,3-Dichloropropene	49.7	2.0	ug/kg	50.0		99	75-130			
trans-1,3-Dichloropropene	50.8	2.0	ug/kg	50.0		102	70-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
LCS Analyzed: 05/05/04 (4E05022-BS1)										
Ethylbenzene	48.6	2.0	ug/kg	50.0		97	75-125			
Hexachlorobutadiene	47.4	5.0	ug/kg	50.0		95	75-140			
Isopropylbenzene	51.1	2.0	ug/kg	50.0		102	75-125			
p-Isopropyltoluene	47.5	2.0	ug/kg	50.0		95	75-125			
Methylene chloride	44.3	20	ug/kg	50.0		89	60-135			
Naphthalene	53.1	5.0	ug/kg	50.0		106	50-145			
n-Propylbenzene	49.0	2.0	ug/kg	50.0		98	75-130			
Styrene	53.5	2.0	ug/kg	50.0		107	80-135			
1,1,1,2-Tetrachloroethane	49.3	5.0	ug/kg	50.0		99	70-145			
1,1,2,2-Tetrachloroethane	55.5	2.0	ug/kg	50.0		111	55-145			
Tetrachloroethene	48.9	2.0	ug/kg	50.0		98	80-125			
Toluene	46.4	2.0	ug/kg	50.0		93	75-120			
1,2,3-Trichlorobenzene	49.9	5.0	ug/kg	50.0		100	65-135			
1,2,4-Trichlorobenzene	51.4	5.0	ug/kg	50.0		103	70-140			
1,1,1-Trichloroethane	48.5	2.0	ug/kg	50.0		97	75-140			
1,1,2-Trichloroethane	46.6	2.0	ug/kg	50.0		93	65-130			
Trichloroethene	46.1	2.0	ug/kg	50.0		92	75-125			
Trichlorofluoromethane	47.3	5.0	ug/kg	50.0		95	50-145			
1,2,3-Trichloropropane	49.2	10	ug/kg	50.0		98	55-140			
1,2,4-Trimethylbenzene	49.9	2.0	ug/kg	50.0		100	75-125			
1,3,5-Trimethylbenzene	50.9	2.0	ug/kg	50.0		102	80-125			
Vinyl chloride	41.0	5.0	ug/kg	50.0		82	45-130			
o-Xylene	47.9	2.0	ug/kg	50.0		96	75-125			
m,p-Xylenes	95.4	2.0	ug/kg	100		95	75-125			
Surrogate: Dibromofluoromethane	51.6		ug/kg	50.0		103	80-125			
Surrogate: Toluene-d8	54.2		ug/kg	50.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	50.4		ug/kg	50.0		101	80-120			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
Matrix Spike Analyzed: 05/05/04 (4E05022-MS1)					Source: INE0050-14					
Benzene	48.8	2.0	ug/kg	47.1	ND	104	65-130			
Bromobenzene	50.2	5.0	ug/kg	47.1	ND	107	70-130			
Bromochloromethane	49.5	5.0	ug/kg	47.1	ND	105	60-145			
Bromodichloromethane	49.6	2.0	ug/kg	47.1	ND	105	70-145			
Bromoform	43.9	5.0	ug/kg	47.1	ND	93	60-145			
Bromomethane	49.2	5.0	ug/kg	47.1	ND	104	50-150			
n-Butylbenzene	52.4	5.0	ug/kg	47.1	ND	111	60-140			
sec-Butylbenzene	51.1	5.0	ug/kg	47.1	ND	108	65-135			
tert-Butylbenzene	54.0	5.0	ug/kg	47.1	ND	115	70-130			
Carbon tetrachloride	51.3	5.0	ug/kg	47.1	ND	109	70-140			
Chlorobenzene	49.3	2.0	ug/kg	47.1	ND	105	80-130			
Chloroethane	49.8	5.0	ug/kg	47.1	ND	106	50-150			
Chloroform	48.7	2.0	ug/kg	47.1	ND	103	70-130			
Chloromethane	43.0	5.0	ug/kg	47.1	ND	91	30-150			
2-Chlorotoluene	51.1	5.0	ug/kg	47.1	ND	108	70-130			
4-Chlorotoluene	51.8	5.0	ug/kg	47.1	ND	110	65-135			
Dibromochloromethane	45.7	2.0	ug/kg	47.1	ND	97	65-145			
1,2-Dibromo-3-chloropropane	48.6	5.0	ug/kg	47.1	ND	103	50-150			
1,2-Dibromoethane (EDB)	47.2	2.0	ug/kg	47.1	ND	100	65-135			
Dibromomethane	46.7	2.0	ug/kg	47.1	ND	99	65-135			
1,2-Dichlorobenzene	50.6	2.0	ug/kg	47.1	ND	107	75-130			
1,3-Dichlorobenzene	49.8	2.0	ug/kg	47.1	ND	106	70-125			
1,4-Dichlorobenzene	50.9	2.0	ug/kg	47.1	ND	108	75-130			
Dichlorodifluoromethane	38.2	5.0	ug/kg	47.1	ND	81	10-200			
1,1-Dichloroethane	49.4	2.0	ug/kg	47.1	ND	105	70-135			
1,2-Dichloroethane	47.1	2.0	ug/kg	47.1	ND	100	60-150			
1,1-Dichloroethene	48.9	5.0	ug/kg	47.1	ND	104	75-140			
cis-1,2-Dichloroethene	48.8	2.0	ug/kg	47.1	ND	104	60-135			
trans-1,2-Dichloroethene	50.6	2.0	ug/kg	47.1	ND	107	65-135			
1,2-Dichloropropane	47.6	2.0	ug/kg	47.1	ND	101	65-125			
1,3-Dichloropropane	44.7	2.0	ug/kg	47.1	ND	95	65-135			
2,2-Dichloropropane	56.1	2.0	ug/kg	47.1	ND	119	60-150			
1,1-Dichloropropene	50.0	2.0	ug/kg	47.1	ND	106	60-140			
cis-1,3-Dichloropropene	49.6	2.0	ug/kg	47.1	ND	105	65-135			
trans-1,3-Dichloropropene	49.5	2.0	ug/kg	47.1	ND	105	65-140			

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SB0202/31
Report Number: INE0119

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Received: 05/04/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
Matrix Spike Analyzed: 05/05/04 (4E05022-MS1)					Source: INE0050-14					
Ethylbenzene	50.2	2.0	ug/kg	47.1	ND	107	70-130			
Hexachlorobutadiene	45.1	5.0	ug/kg	47.1	ND	96	65-145			
Isopropylbenzene	54.0	2.0	ug/kg	47.1	ND	115	60-135			
p-Isopropyltoluene	50.5	2.0	ug/kg	47.1	ND	107	60-135			
Methylene chloride	43.4	20	ug/kg	47.1	ND	92	60-145			
Naphthalene	48.2	5.0	ug/kg	47.1	ND	102	40-160			
n-Propylbenzene	52.6	2.0	ug/kg	47.1	ND	112	60-140			
Styrene	54.0	2.0	ug/kg	47.1	ND	115	70-145			
1,1,1,2-Tetrachloroethane	49.4	5.0	ug/kg	47.1	ND	105	65-145			
1,1,2,2-Tetrachloroethane	51.8	2.0	ug/kg	47.1	ND	110	55-150			
Tetrachloroethene	51.0	2.0	ug/kg	47.1	ND	108	70-130			
Toluene	47.6	2.0	ug/kg	47.1	ND	101	70-125			
1,2,3-Trichlorobenzene	47.8	5.0	ug/kg	47.1	ND	101	60-135			
1,2,4-Trichlorobenzene	51.2	5.0	ug/kg	47.1	ND	109	65-140			
1,1,1-Trichloroethane	52.5	2.0	ug/kg	47.1	ND	111	65-140			
1,1,2-Trichloroethane	45.2	2.0	ug/kg	47.1	ND	96	60-140			
Trichloroethene	49.1	2.0	ug/kg	47.1	ND	104	70-140			
Trichlorofluoromethane	49.3	5.0	ug/kg	47.1	ND	105	40-160			
1,2,3-Trichloropropane	47.2	10	ug/kg	47.1	ND	100	55-140			
1,2,4-Trimethylbenzene	53.0	2.0	ug/kg	47.1	ND	113	65-130			
1,3,5-Trimethylbenzene	54.0	2.0	ug/kg	47.1	ND	115	70-130			
Vinyl chloride	44.2	5.0	ug/kg	47.1	ND	94	45-130			
o-Xylene	49.1	2.0	ug/kg	47.1	ND	104	70-125			
m,p-Xylenes	98.5	2.0	ug/kg	94.2	ND	105	70-125			
Surrogate: Dibromofluoromethane	48.7		ug/kg	47.1		103	80-125			
Surrogate: Toluene-d8	50.6		ug/kg	47.1		107	80-120			
Surrogate: 4-Bromofluorobenzene	45.9		ug/kg	47.1		97	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
Matrix Spike Dup Analyzed: 05/05/04 (4E05022-MSD1)					Source: INE0050-14					
Benzene	44.1	1.8	ug/kg	44.2	ND	100	65-130	10	20	
Bromobenzene	44.8	4.4	ug/kg	44.2	ND	101	70-130	11	20	
Bromochloromethane	42.7	4.4	ug/kg	44.2	ND	97	60-145	15	25	
Bromodichloromethane	43.1	1.8	ug/kg	44.2	ND	98	70-145	14	20	
Bromoform	36.2	4.4	ug/kg	44.2	ND	82	60-145	19	25	
Bromomethane	45.1	4.4	ug/kg	44.2	ND	102	50-150	9	25	
n-Butylbenzene	48.0	4.4	ug/kg	44.2	ND	109	60-140	9	25	
sec-Butylbenzene	46.9	4.4	ug/kg	44.2	ND	106	65-135	9	20	
tert-Butylbenzene	49.5	4.4	ug/kg	44.2	ND	112	70-130	9	20	
Carbon tetrachloride	46.1	4.4	ug/kg	44.2	ND	104	70-140	11	20	
Chlorobenzene	44.5	1.8	ug/kg	44.2	ND	101	80-130	10	20	
Chloroethane	44.8	4.4	ug/kg	44.2	ND	101	50-150	11	30	
Chloroform	42.9	1.8	ug/kg	44.2	ND	97	70-130	13	20	
Chloromethane	38.4	4.4	ug/kg	44.2	ND	87	30-150	11	30	
2-Chlorotoluene	46.4	4.4	ug/kg	44.2	ND	105	70-130	10	20	
4-Chlorotoluene	47.1	4.4	ug/kg	44.2	ND	107	65-135	10	20	
Dibromochloromethane	38.6	1.8	ug/kg	44.2	ND	87	65-145	17	25	
1,2-Dibromo-3-chloropropane	36.1	4.4	ug/kg	44.2	ND	82	50-150	30	30	
1,2-Dibromoethane (EDB)	39.7	1.8	ug/kg	44.2	ND	90	65-135	17	20	
Dibromomethane	40.0	1.8	ug/kg	44.2	ND	90	65-135	15	20	
1,2-Dichlorobenzene	44.2	1.8	ug/kg	44.2	ND	100	75-130	14	20	
1,3-Dichlorobenzene	44.7	1.8	ug/kg	44.2	ND	101	70-125	11	20	
1,4-Dichlorobenzene	45.3	1.8	ug/kg	44.2	ND	102	75-130	12	20	
Dichlorodifluoromethane	33.5	4.4	ug/kg	44.2	ND	76	10-200	13	35	
1,1-Dichloroethane	44.1	1.8	ug/kg	44.2	ND	100	70-135	11	20	
1,2-Dichloroethane	40.6	1.8	ug/kg	44.2	ND	92	60-150	15	25	
1,1-Dichloroethene	44.1	4.4	ug/kg	44.2	ND	100	75-140	10	20	
cis-1,2-Dichloroethene	43.3	1.8	ug/kg	44.2	ND	98	60-135	12	20	
trans-1,2-Dichloroethene	45.0	1.8	ug/kg	44.2	ND	102	65-135	12	20	
1,2-Dichloropropane	42.7	1.8	ug/kg	44.2	ND	97	65-125	11	20	
1,3-Dichloropropane	38.2	1.8	ug/kg	44.2	ND	86	65-135	16	20	
2,2-Dichloropropane	54.8	1.8	ug/kg	44.2	ND	124	60-150	2	20	
1,1-Dichloropropene	45.5	1.8	ug/kg	44.2	ND	103	60-140	9	20	
cis-1,3-Dichloropropene	42.8	1.8	ug/kg	44.2	ND	97	65-135	15	20	
trans-1,3-Dichloropropene	42.0	1.8	ug/kg	44.2	ND	95	65-140	16	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05022 Extracted: 05/05/04										
Matrix Spike Dup Analyzed: 05/05/04 (4E05022-MSD1)					Source: INE0050-14					
Ethylbenzene	45.5	1.8	ug/kg	44.2	ND	103	70-130	10	20	
Hexachlorobutadiene	43.3	4.4	ug/kg	44.2	ND	98	65-145	4	20	
Isopropylbenzene	49.6	1.8	ug/kg	44.2	ND	112	60-135	8	25	
p-Isopropyltoluene	46.6	1.8	ug/kg	44.2	ND	105	60-135	8	20	
Methylene chloride	38.4	18	ug/kg	44.2	ND	87	60-145	12	25	
Naphthalene	39.5	4.4	ug/kg	44.2	ND	89	40-160	20	25	
n-Propylbenzene	48.2	1.8	ug/kg	44.2	ND	109	60-140	9	25	
Styrene	48.6	1.8	ug/kg	44.2	ND	110	70-145	11	20	
1,1,1,2-Tetrachloroethane	44.2	4.4	ug/kg	44.2	ND	100	65-145	11	20	
1,1,2,2-Tetrachloroethane	41.5	1.8	ug/kg	44.2	ND	94	55-150	22	25	
Tetrachloroethene	46.4	1.8	ug/kg	44.2	ND	105	70-130	9	20	
Toluene	42.7	1.8	ug/kg	44.2	ND	97	70-125	11	20	
1,2,3-Trichlorobenzene	40.6	4.4	ug/kg	44.2	ND	92	60-135	16	20	
1,2,4-Trichlorobenzene	45.0	4.4	ug/kg	44.2	ND	102	65-140	13	25	
1,1,1-Trichloroethane	47.8	1.8	ug/kg	44.2	ND	108	65-140	9	20	
1,1,2-Trichloroethane	37.2	1.8	ug/kg	44.2	ND	84	60-140	19	20	
Trichloroethene	44.4	1.8	ug/kg	44.2	ND	100	70-140	10	20	
Trichlorofluoromethane	44.4	4.4	ug/kg	44.2	ND	100	40-160	10	30	
1,2,3-Trichloropropane	37.9	8.8	ug/kg	44.2	ND	86	55-140	22	25	
1,2,4-Trimethylbenzene	47.8	1.8	ug/kg	44.2	ND	108	65-130	10	20	
1,3,5-Trimethylbenzene	49.0	1.8	ug/kg	44.2	ND	111	70-130	10	20	
Vinyl chloride	40.7	4.4	ug/kg	44.2	ND	92	45-130	8	30	
o-Xylene	44.4	1.8	ug/kg	44.2	ND	100	70-125	10	20	
m,p-Xylenes	90.0	1.8	ug/kg	88.3	ND	102	70-125	9	20	
Surrogate: Dibromofluoromethane	44.7		ug/kg	44.2		101	80-125			
Surrogate: Toluene-d8	47.4		ug/kg	44.2		107	80-120			
Surrogate: 4-Bromofluorobenzene	42.7		ug/kg	44.2		97	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E05107 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05107-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E05107 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05107-BLK1)										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	2520		ug/kg	2500		101	50-160			
Surrogate: Toluene-d8	2620		ug/kg	2500		105	60-160			
Surrogate: 4-Bromofluorobenzene	2580		ug/kg	2500		103	60-150			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05107 Extracted: 05/05/04										
LCS Analyzed: 05/06/04 (4E05107-BS1)										
Benzene	2690	100	ug/kg	2500		108	75-125			
Bromobenzene	2650	250	ug/kg	2500		106	80-120			
Bromochloromethane	2780	250	ug/kg	2500		111	65-140			
Bromodichloromethane	2710	100	ug/kg	2500		108	70-140			
Bromoform	2470	250	ug/kg	2500		99	60-130			
Bromomethane	2070	250	ug/kg	2500		83	35-140			
n-Butylbenzene	2720	250	ug/kg	2500		109	80-130			
sec-Butylbenzene	2610	250	ug/kg	2500		104	75-125			
tert-Butylbenzene	2780	250	ug/kg	2500		111	80-125			
Carbon tetrachloride	2710	250	ug/kg	2500		108	70-140			
Chlorobenzene	2740	100	ug/kg	2500		110	80-125			
Chloroethane	2140	250	ug/kg	2500		86	40-145			
Chloroform	2610	100	ug/kg	2500		104	75-130			
Chloromethane	2530	250	ug/kg	2500		101	30-145			
2-Chlorotoluene	2640	250	ug/kg	2500		106	75-125			
4-Chlorotoluene	2670	250	ug/kg	2500		107	80-125			
Dibromochloromethane	2550	100	ug/kg	2500		102	65-145			
1,2-Dibromo-3-chloropropane	2740	250	ug/kg	2500		110	45-135			
1,2-Dibromoethane (EDB)	2660	100	ug/kg	2500		106	75-130			
Dibromomethane	2600	100	ug/kg	2500		104	75-135			
1,2-Dichlorobenzene	2700	100	ug/kg	2500		108	80-120			
1,3-Dichlorobenzene	2630	100	ug/kg	2500		105	80-120			
1,4-Dichlorobenzene	2660	100	ug/kg	2500		106	80-120			
Dichlorodifluoromethane	2590	250	ug/kg	2500		104	10-160			
1,1-Dichloroethane	2700	100	ug/kg	2500		108	70-135			
1,2-Dichloroethane	2610	100	ug/kg	2500		104	60-150			
1,1-Dichloroethene	2760	250	ug/kg	2500		110	80-145			
cis-1,2-Dichloroethene	2680	100	ug/kg	2500		107	70-135			
trans-1,2-Dichloroethene	2750	100	ug/kg	2500		110	70-135			
1,2-Dichloropropane	2680	100	ug/kg	2500		107	75-125			
1,3-Dichloropropane	2580	100	ug/kg	2500		103	75-130			
2,2-Dichloropropane	2700	100	ug/kg	2500		108	70-150			
1,1-Dichloropropene	2710	100	ug/kg	2500		108	75-130			
cis-1,3-Dichloropropene	2760	100	ug/kg	2500		110	75-130			
trans-1,3-Dichloropropene	2790	100	ug/kg	2500		112	75-135			

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 Amanda Cordova
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0119

Sampled: 05/03/04-05/04/04
Received: 05/04/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05107 Extracted: 05/05/04										
LCS Analyzed: 05/06/04 (4E05107-BS1)										
Ethylbenzene	2730	100	ug/kg	2500		109	80-120			
Hexachlorobutadiene	2710	250	ug/kg	2500		108	75-140			
Isopropylbenzene	2790	100	ug/kg	2500		112	75-125			
p-Isopropyltoluene	2620	100	ug/kg	2500		105	80-125			
Methylene chloride	2440	1000	ug/kg	2500		98	60-145			
Naphthalene	2760	250	ug/kg	2500		110	50-145			
n-Propylbenzene	2690	100	ug/kg	2500		108	75-130			
Styrene	3010	100	ug/kg	2500		120	80-135			
1,1,1,2-Tetrachloroethane	2760	250	ug/kg	2500		110	70-145			
1,1,2,2-Tetrachloroethane	2690	100	ug/kg	2500		108	60-135			
Tetrachloroethene	2810	100	ug/kg	2500		112	80-125			
Toluene	2630	100	ug/kg	2500		105	80-125			
1,2,3-Trichlorobenzene	2760	250	ug/kg	2500		110	65-135			
1,2,4-Trichlorobenzene	2890	250	ug/kg	2500		116	70-140			
1,1,1-Trichloroethane	2650	100	ug/kg	2500		106	75-140			
1,1,2-Trichloroethane	2500	100	ug/kg	2500		100	70-130			
Trichloroethene	2730	100	ug/kg	2500		109	80-130			
Trichlorofluoromethane	2730	250	ug/kg	2500		109	55-145			
1,2,3-Trichloropropane	2510	500	ug/kg	2500		100	60-130			
1,2,4-Trimethylbenzene	2740	100	ug/kg	2500		110	80-125			
1,3,5-Trimethylbenzene	2760	100	ug/kg	2500		110	80-125			
Vinyl chloride	959	250	ug/kg	2500		38	10-120			
o-Xylene	2700	100	ug/kg	2500		108	80-125			
m,p-Xylenes	5370	100	ug/kg	5000		107	80-120			
Surrogate: Dibromofluoromethane	2320		ug/kg	2500		93	50-160			
Surrogate: Toluene-d8	2540		ug/kg	2500		102	60-160			
Surrogate: 4-Bromofluorobenzene	2400		ug/kg	2500		96	60-150			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05107 Extracted: 05/05/04										
LCS Dup Analyzed: 05/06/04 (4E05107-BSD1)										
Benzene	2590	100	ug/kg	2500		104	75-125	4	20	
Bromobenzene	2530	250	ug/kg	2500		101	80-120	5	20	
Bromochloromethane	2740	250	ug/kg	2500		110	65-140	1	20	
Bromodichloromethane	2650	100	ug/kg	2500		106	70-140	2	20	
Bromoform	2510	250	ug/kg	2500		100	60-130	2	25	
Bromomethane	2010	250	ug/kg	2500		80	35-140	3	30	
n-Butylbenzene	2560	250	ug/kg	2500		102	80-130	6	20	
sec-Butylbenzene	2480	250	ug/kg	2500		99	75-125	5	20	
tert-Butylbenzene	2630	250	ug/kg	2500		105	80-125	6	20	
Carbon tetrachloride	2610	250	ug/kg	2500		104	70-140	4	20	
Chlorobenzene	2660	100	ug/kg	2500		106	80-125	3	20	
Chloroethane	2110	250	ug/kg	2500		84	40-145	1	25	
Chloroform	2530	100	ug/kg	2500		101	75-130	3	20	
Chloromethane	2450	250	ug/kg	2500		98	30-145	3	25	
2-Chlorotoluene	2490	250	ug/kg	2500		100	75-125	6	20	
4-Chlorotoluene	2530	250	ug/kg	2500		101	80-125	5	20	
Dibromochloromethane	2540	100	ug/kg	2500		102	65-145	0	20	
1,2-Dibromo-3-chloropropane	2870	250	ug/kg	2500		115	45-135	5	25	
1,2-Dibromoethane (EDB)	2710	100	ug/kg	2500		108	75-130	2	20	
Dibromomethane	2640	100	ug/kg	2500		106	75-135	2	20	
1,2-Dichlorobenzene	2600	100	ug/kg	2500		104	80-120	4	20	
1,3-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120	5	20	
1,4-Dichlorobenzene	2550	100	ug/kg	2500		102	80-120	4	20	
Dichlorodifluoromethane	2480	250	ug/kg	2500		99	10-160	4	30	
1,1-Dichloroethane	2620	100	ug/kg	2500		105	70-135	3	20	
1,2-Dichloroethane	2590	100	ug/kg	2500		104	60-150	1	25	
1,1-Dichloroethene	2670	250	ug/kg	2500		107	80-145	3	20	
cis-1,2-Dichloroethene	2600	100	ug/kg	2500		104	70-135	3	20	
trans-1,2-Dichloroethene	2660	100	ug/kg	2500		106	70-135	3	20	
1,2-Dichloropropane	2620	100	ug/kg	2500		105	75-125	2	20	
1,3-Dichloropropane	2590	100	ug/kg	2500		104	75-130	0	20	
2,2-Dichloropropane	2680	100	ug/kg	2500		107	70-150	1	20	
1,1-Dichloropropene	2630	100	ug/kg	2500		105	75-130	3	20	
cis-1,3-Dichloropropene	2720	100	ug/kg	2500		109	75-130	1	20	
trans-1,3-Dichloropropene	2730	100	ug/kg	2500		109	75-135	2	20	

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05107 Extracted: 05/05/04										
LCS Dup Analyzed: 05/06/04 (4E05107-BSD1)										
Ethylbenzene	2640	100	ug/kg	2500		106	80-120	3	20	
Hexachlorobutadiene	2560	250	ug/kg	2500		102	75-140	6	20	
Isopropylbenzene	2610	100	ug/kg	2500		104	75-125	7	20	
p-Isopropyltoluene	2500	100	ug/kg	2500		100	80-125	5	20	
Methylene chloride	2410	1000	ug/kg	2500		96	60-145	1	20	
Naphthalene	2700	250	ug/kg	2500		108	50-145	2	25	
n-Propylbenzene	2530	100	ug/kg	2500		101	75-130	6	20	
Styrene	2940	100	ug/kg	2500		118	80-135	2	20	
1,1,1,2-Tetrachloroethane	2720	250	ug/kg	2500		109	70-145	1	20	
1,1,2,2-Tetrachloroethane	2660	100	ug/kg	2500		106	60-135	1	25	
Tetrachloroethene	2680	100	ug/kg	2500		107	80-125	5	20	
Toluene	2520	100	ug/kg	2500		101	80-125	4	20	
1,2,3-Trichlorobenzene	2670	250	ug/kg	2500		107	65-135	3	20	
1,2,4-Trichlorobenzene	2740	250	ug/kg	2500		110	70-140	5	20	
1,1,1-Trichloroethane	2630	100	ug/kg	2500		105	75-140	1	20	
1,1,2-Trichloroethane	2510	100	ug/kg	2500		100	70-130	0	20	
Trichloroethene	2670	100	ug/kg	2500		107	80-130	2	20	
Trichlorofluoromethane	2650	250	ug/kg	2500		106	55-145	3	25	
1,2,3-Trichloropropane	2520	500	ug/kg	2500		101	60-130	0	20	
1,2,4-Trimethylbenzene	2580	100	ug/kg	2500		103	80-125	6	20	
1,3,5-Trimethylbenzene	2600	100	ug/kg	2500		104	80-125	6	20	
Vinyl chloride	837	250	ug/kg	2500		33	10-120	14	30	
o-Xylene	2630	100	ug/kg	2500		105	80-125	3	20	
m,p-Xylenes	5180	100	ug/kg	5000		104	80-120	4	20	
Surrogate: Dibromofluoromethane	2380		ug/kg	2500		95	50-160			
Surrogate: Toluene-d8	2540		ug/kg	2500		102	60-160			
Surrogate: 4-Bromofluorobenzene	2450		ug/kg	2500		98	60-150			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07020 Extracted: 05/07/04										
Blank Analyzed: 05/07/04 (4E07020-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07020 Extracted: 05/07/04										
Blank Analyzed: 05/07/04 (4E07020-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	52.9		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	53.7		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	51.9		ug/kg	50.0		104	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07020 Extracted: 05/07/04										
LCS Analyzed: 05/07/04 (4E07020-BS1)										
Benzene	48.2	2.0	ug/kg	50.0		96	70-120			
Bromobenzene	51.9	5.0	ug/kg	50.0		104	80-120			
Bromochloromethane	52.5	5.0	ug/kg	50.0		105	65-135			
Bromodichloromethane	52.5	2.0	ug/kg	50.0		105	70-140			
Bromoform	57.7	5.0	ug/kg	50.0		115	60-140			
Bromomethane	58.5	5.0	ug/kg	50.0		117	60-140			
n-Butylbenzene	50.1	5.0	ug/kg	50.0		100	75-130			
sec-Butylbenzene	51.7	5.0	ug/kg	50.0		103	75-125			
tert-Butylbenzene	53.8	5.0	ug/kg	50.0		108	80-125			
Carbon tetrachloride	56.5	5.0	ug/kg	50.0		113	70-140			
Chlorobenzene	51.6	2.0	ug/kg	50.0		103	80-125			
Chloroethane	54.6	5.0	ug/kg	50.0		109	55-145			
Chloroform	52.1	2.0	ug/kg	50.0		104	75-120			
Chloromethane	46.4	5.0	ug/kg	50.0		93	35-145			
2-Chlorotoluene	53.1	5.0	ug/kg	50.0		106	75-125			
4-Chlorotoluene	53.5	5.0	ug/kg	50.0		107	80-125			
Dibromochloromethane	52.7	2.0	ug/kg	50.0		105	65-145			
1,2-Dibromo-3-chloropropane	57.3	5.0	ug/kg	50.0		115	50-150			
1,2-Dibromoethane (EDB)	54.7	2.0	ug/kg	50.0		109	70-130			
Dibromomethane	55.0	2.0	ug/kg	50.0		110	70-130			
1,2-Dichlorobenzene	53.7	2.0	ug/kg	50.0		107	80-125			
1,3-Dichlorobenzene	52.3	2.0	ug/kg	50.0		105	80-120			
1,4-Dichlorobenzene	53.0	2.0	ug/kg	50.0		106	80-120			
Dichlorodifluoromethane	44.7	5.0	ug/kg	50.0		89	10-160			
1,1-Dichloroethane	51.7	2.0	ug/kg	50.0		103	70-135			
1,2-Dichloroethane	54.4	2.0	ug/kg	50.0		109	60-150			
1,1-Dichloroethene	50.5	5.0	ug/kg	50.0		101	75-130			
cis-1,2-Dichloroethene	47.9	2.0	ug/kg	50.0		96	70-125			
trans-1,2-Dichloroethene	50.3	2.0	ug/kg	50.0		101	70-130			
1,2-Dichloropropane	49.5	2.0	ug/kg	50.0		99	70-120			
1,3-Dichloropropane	52.4	2.0	ug/kg	50.0		105	70-130			
2,2-Dichloropropane	66.3	2.0	ug/kg	50.0		133	70-150			
1,1-Dichloropropene	52.3	2.0	ug/kg	50.0		105	75-130			
cis-1,3-Dichloropropene	52.4	2.0	ug/kg	50.0		105	75-130			
trans-1,3-Dichloropropene	55.3	2.0	ug/kg	50.0		111	70-135			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07020 Extracted: 05/07/04										
LCS Analyzed: 05/07/04 (4E07020-BS1)										
Ethylbenzene	50.7	2.0	ug/kg	50.0		101	75-125			
Hexachlorobutadiene	50.8	5.0	ug/kg	50.0		102	75-140			
Isopropylbenzene	55.4	2.0	ug/kg	50.0		111	75-125			
p-Isopropyltoluene	50.0	2.0	ug/kg	50.0		100	75-125			
Methylene chloride	50.9	20	ug/kg	50.0		102	60-135			
Naphthalene	54.5	5.0	ug/kg	50.0		109	50-145			
n-Propylbenzene	53.3	2.0	ug/kg	50.0		107	75-130			
Styrene	52.1	2.0	ug/kg	50.0		104	80-135			
1,1,1,2-Tetrachloroethane	51.4	5.0	ug/kg	50.0		103	70-145			
1,1,1,2,2-Tetrachloroethane	57.0	2.0	ug/kg	50.0		114	55-145			
Tetrachloroethene	53.4	2.0	ug/kg	50.0		107	80-125			
Toluene	49.6	2.0	ug/kg	50.0		99	75-120			
1,2,3-Trichlorobenzene	52.9	5.0	ug/kg	50.0		106	65-135			
1,2,4-Trichlorobenzene	52.3	5.0	ug/kg	50.0		105	70-140			
1,1,1-Trichloroethane	54.8	2.0	ug/kg	50.0		110	75-140			
1,1,2-Trichloroethane	51.4	2.0	ug/kg	50.0		103	65-130			
Trichloroethene	50.8	2.0	ug/kg	50.0		102	75-125			
Trichlorofluoromethane	51.1	5.0	ug/kg	50.0		102	50-145			
1,2,3-Trichloropropane	57.3	10	ug/kg	50.0		115	55-140			
1,2,4-Trimethylbenzene	53.3	2.0	ug/kg	50.0		107	75-125			
1,3,5-Trimethylbenzene	54.1	2.0	ug/kg	50.0		108	80-125			
Vinyl chloride	47.5	5.0	ug/kg	50.0		95	45-130			
o-Xylene	50.0	2.0	ug/kg	50.0		100	75-125			
m,p-Xylenes	101	2.0	ug/kg	100		101	75-125			
Surrogate: Dibromofluoromethane	52.9		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	53.0		ug/kg	50.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	52.2		ug/kg	50.0		104	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07020 Extracted: 05/07/04										
Matrix Spike Analyzed: 05/07/04 (4E07020-MS1)					Source: INE0050-38					
Benzene	45.6	2.0	ug/kg	54.1	ND	84	65-130			
Bromobenzene	49.5	5.0	ug/kg	54.1	ND	91	70-130			
Bromochloromethane	50.5	5.0	ug/kg	54.1	ND	93	60-145			
Bromodichloromethane	51.7	2.0	ug/kg	54.1	ND	96	70-145			
Bromoform	58.3	5.0	ug/kg	54.1	ND	108	60-145			
Bromomethane	56.9	5.0	ug/kg	54.1	ND	105	50-150			
n-Butylbenzene	47.2	5.0	ug/kg	54.1	ND	87	60-140			
sec-Butylbenzene	49.5	5.0	ug/kg	54.1	ND	91	65-135			
tert-Butylbenzene	51.0	5.0	ug/kg	54.1	ND	94	70-130			
Carbon tetrachloride	53.1	5.0	ug/kg	54.1	ND	98	70-140			
Chlorobenzene	49.2	2.0	ug/kg	54.1	ND	91	80-130			
Chloroethane	52.6	5.0	ug/kg	54.1	ND	97	50-150			
Chloroform	49.9	2.0	ug/kg	54.1	ND	92	70-130			
Chloromethane	43.4	5.0	ug/kg	54.1	ND	80	30-150			
2-Chlorotoluene	50.4	5.0	ug/kg	54.1	ND	93	70-130			
4-Chlorotoluene	51.5	5.0	ug/kg	54.1	ND	95	65-135			
Dibromochloromethane	51.4	2.0	ug/kg	54.1	ND	95	65-145			
1,2-Dibromo-3-chloropropane	61.2	5.0	ug/kg	54.1	ND	113	50-150			
1,2-Dibromoethane (EDB)	55.2	2.0	ug/kg	54.1	ND	102	65-135			
Dibromomethane	56.3	2.0	ug/kg	54.1	ND	104	65-135			
1,2-Dichlorobenzene	52.2	2.0	ug/kg	54.1	ND	96	75-130			
1,3-Dichlorobenzene	49.9	2.0	ug/kg	54.1	ND	92	70-125			
1,4-Dichlorobenzene	51.0	2.0	ug/kg	54.1	ND	94	75-130			
Dichlorodifluoromethane	39.4	5.0	ug/kg	54.1	ND	73	10-200			
1,1-Dichloroethane	49.2	2.0	ug/kg	54.1	ND	91	70-135			
1,2-Dichloroethane	54.5	2.0	ug/kg	54.1	ND	101	60-150			
1,1-Dichloroethene	46.9	5.0	ug/kg	54.1	ND	87	75-140			
cis-1,2-Dichloroethene	46.3	2.0	ug/kg	54.1	ND	86	60-135			
trans-1,2-Dichloroethene	47.9	2.0	ug/kg	54.1	ND	89	65-135			
1,2-Dichloropropane	48.2	2.0	ug/kg	54.1	ND	89	65-125			
1,3-Dichloropropane	51.2	2.0	ug/kg	54.1	ND	95	65-135			
2,2-Dichloropropane	68.3	2.0	ug/kg	54.1	ND	126	60-150			
1,1-Dichloropropene	49.5	2.0	ug/kg	54.1	ND	91	60-140			
cis-1,3-Dichloropropene	51.0	2.0	ug/kg	54.1	ND	94	65-135			
trans-1,3-Dichloropropene	55.6	2.0	ug/kg	54.1	ND	103	65-140			

Del Mar Analytical, Irvine
Amanda Cordova
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Geosyntec Consultants/Project Navigator - Ascon
 2100 Main Street, Suite 150
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 Attention: Mike Reardon

 Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0119

 Sampled: 05/03/04-05/04/04
 Received: 05/04/04

METHOD BLANK/QC DATA
VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07020 Extracted: 05/07/04										
Matrix Spike Analyzed: 05/07/04 (4E07020-MS1)					Source: INE0050-38					
Ethylbenzene	47.5	2.0	ug/kg	54.1	ND	88	70-130			
Hexachlorobutadiene	45.5	5.0	ug/kg	54.1	ND	84	65-145			
Isopropylbenzene	52.1	2.0	ug/kg	54.1	ND	96	60-135			
p-Isopropyltoluene	48.1	2.0	ug/kg	54.1	ND	89	60-135			
Methylene chloride	47.7	20	ug/kg	54.1	ND	88	60-145			
Naphthalene	53.3	5.0	ug/kg	54.1	ND	99	40-160			
n-Propylbenzene	50.3	2.0	ug/kg	54.1	ND	93	60-140			
Styrene	48.6	2.0	ug/kg	54.1	ND	90	70-145			
1,1,1,2-Tetrachloroethane	48.5	5.0	ug/kg	54.1	ND	90	65-145			
1,1,2,2-Tetrachloroethane	59.3	2.0	ug/kg	54.1	ND	110	55-150			
Tetrachloroethene	48.7	2.0	ug/kg	54.1	ND	90	70-130			
Toluene	47.7	2.0	ug/kg	54.1	ND	88	70-125			
1,2,3-Trichlorobenzene	48.6	5.0	ug/kg	54.1	ND	90	60-135			
1,2,4-Trichlorobenzene	50.0	5.0	ug/kg	54.1	ND	92	65-140			
1,1,1-Trichloroethane	52.5	2.0	ug/kg	54.1	ND	97	65-140			
1,1,2-Trichloroethane	53.0	2.0	ug/kg	54.1	ND	98	60-140			
Trichloroethene	49.4	2.0	ug/kg	54.1	ND	91	70-140			
Trichlorofluoromethane	49.4	5.0	ug/kg	54.1	ND	91	40-160			
1,2,3-Trichloropropane	59.8	10	ug/kg	54.1	ND	111	55-140			
1,2,4-Trimethylbenzene	51.1	2.0	ug/kg	54.1	ND	94	65-130			
1,3,5-Trimethylbenzene	51.8	2.0	ug/kg	54.1	ND	96	70-130			
Vinyl chloride	45.2	5.0	ug/kg	54.1	ND	84	45-130			
o-Xylene	47.2	2.0	ug/kg	54.1	ND	87	70-125			
m,p-Xylenes	94.6	2.0	ug/kg	108	ND	88	70-125			
Surrogate: Dibromofluoromethane	58.3		ug/kg	54.1		108	80-125			
Surrogate: Toluene-d8	57.7		ug/kg	54.1		107	80-120			
Surrogate: 4-Bromofluorobenzene	56.5		ug/kg	54.1		104	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting	Units	Spike Level	Source Result	%REC		RPD	RPD Limit	Data Qualifiers
		Limit				%REC	Limits			
Batch: 4E07020 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/07/04 (4E07020-MSD1)					Source: INE0050-38					
Benzene	50.1	2.0	ug/kg	55.2	ND	91	65-130	9	20	
Bromobenzene	54.5	5.0	ug/kg	55.2	ND	99	70-130	10	20	
Bromochloromethane	51.6	5.0	ug/kg	55.2	ND	93	60-145	2	25	
Bromodichloromethane	53.8	2.0	ug/kg	55.2	ND	97	70-145	4	20	
Bromoform	53.6	5.0	ug/kg	55.2	ND	97	60-145	8	25	
Bromomethane	60.0	5.0	ug/kg	55.2	ND	109	50-150	5	25	
n-Butylbenzene	53.4	5.0	ug/kg	55.2	ND	97	60-140	12	25	
sec-Butylbenzene	55.5	5.0	ug/kg	55.2	ND	101	65-135	11	20	
tert-Butylbenzene	56.9	5.0	ug/kg	55.2	ND	103	70-130	11	20	
Carbon tetrachloride	57.7	5.0	ug/kg	55.2	ND	105	70-140	8	20	
Chlorobenzene	53.6	2.0	ug/kg	55.2	ND	97	80-130	9	20	
Chloroethane	56.2	5.0	ug/kg	55.2	ND	102	50-150	7	30	
Chloroform	52.9	2.0	ug/kg	55.2	ND	96	70-130	6	20	
Chloromethane	46.6	5.0	ug/kg	55.2	ND	84	30-150	7	30	
2-Chlorotoluene	56.5	5.0	ug/kg	55.2	ND	102	70-130	11	20	
4-Chlorotoluene	57.9	5.0	ug/kg	55.2	ND	105	65-135	12	20	
Dibromochloromethane	51.4	2.0	ug/kg	55.2	ND	93	65-145	0	25	
1,2-Dibromo-3-chloropropane	52.4	5.0	ug/kg	55.2	ND	95	50-150	15	30	
1,2-Dibromoethane (EDB)	51.3	2.0	ug/kg	55.2	ND	93	65-135	7	20	
Dibromomethane	54.1	2.0	ug/kg	55.2	ND	98	65-135	4	20	
1,2-Dichlorobenzene	56.5	2.0	ug/kg	55.2	ND	102	75-130	8	20	
1,3-Dichlorobenzene	55.7	2.0	ug/kg	55.2	ND	101	70-125	11	20	
1,4-Dichlorobenzene	56.3	2.0	ug/kg	55.2	ND	102	75-130	10	20	
Dichlorodifluoromethane	42.5	5.0	ug/kg	55.2	ND	77	10-200	8	35	
1,1-Dichloroethane	52.0	2.0	ug/kg	55.2	ND	94	70-135	6	20	
1,2-Dichloroethane	54.5	2.0	ug/kg	55.2	ND	99	60-150	0	25	
1,1-Dichloroethene	50.1	5.0	ug/kg	55.2	ND	91	75-140	7	20	
cis-1,2-Dichloroethene	48.8	2.0	ug/kg	55.2	ND	88	60-135	5	20	
trans-1,2-Dichloroethene	51.3	2.0	ug/kg	55.2	ND	93	65-135	7	20	
1,2-Dichloropropane	50.7	2.0	ug/kg	55.2	ND	92	65-125	5	20	
1,3-Dichloropropane	49.8	2.0	ug/kg	55.2	ND	90	65-135	3	20	
2,2-Dichloropropane	71.1	2.0	ug/kg	55.2	ND	129	60-150	4	20	
1,1-Dichloropropene	54.4	2.0	ug/kg	55.2	ND	99	60-140	9	20	
cis-1,3-Dichloropropene	53.3	2.0	ug/kg	55.2	ND	97	65-135	4	20	
trans-1,3-Dichloropropene	55.5	2.0	ug/kg	55.2	ND	101	65-140	0	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07020 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/07/04 (4E07020-MSD1)					Source: INE0050-38					
Ethylbenzene	51.9	2.0	ug/kg	55.2	ND	94	70-130	9	20	
Hexachlorobutadiene	50.9	5.0	ug/kg	55.2	ND	92	65-145	11	20	
Isopropylbenzene	58.1	2.0	ug/kg	55.2	ND	105	60-135	11	25	
p-Isopropyltoluene	54.3	2.0	ug/kg	55.2	ND	98	60-135	12	20	
Methylene chloride	50.1	20	ug/kg	55.2	ND	91	60-145	5	25	
Naphthalene	51.7	5.0	ug/kg	55.2	ND	94	40-160	3	25	
n-Propylbenzene	56.2	2.0	ug/kg	55.2	ND	102	60-140	11	25	
Styrene	52.3	2.0	ug/kg	55.2	ND	95	70-145	7	20	
1,1,1,2-Tetrachloroethane	51.6	5.0	ug/kg	55.2	ND	93	65-145	6	20	
1,1,2,2-Tetrachloroethane	54.2	2.0	ug/kg	55.2	ND	98	55-150	9	25	
Tetrachloroethene	54.1	2.0	ug/kg	55.2	ND	98	70-130	11	20	
Toluene	50.6	2.0	ug/kg	55.2	ND	92	70-125	6	20	
1,2,3-Trichlorobenzene	51.0	5.0	ug/kg	55.2	ND	92	60-135	5	20	
1,2,4-Trichlorobenzene	53.4	5.0	ug/kg	55.2	ND	97	65-140	7	25	
1,1,1-Trichloroethane	55.8	2.0	ug/kg	55.2	ND	101	65-140	6	20	
1,1,2-Trichloroethane	50.4	2.0	ug/kg	55.2	ND	91	60-140	5	20	
Trichloroethene	52.3	2.0	ug/kg	55.2	ND	95	70-140	6	20	
Trichlorofluoromethane	53.0	5.0	ug/kg	55.2	ND	96	40-160	7	30	
1,2,3-Trichloropropane	53.0	10	ug/kg	55.2	ND	96	55-140	12	25	
1,2,4-Trimethylbenzene	56.7	2.0	ug/kg	55.2	ND	103	65-130	10	20	
1,3,5-Trimethylbenzene	57.8	2.0	ug/kg	55.2	ND	105	70-130	11	20	
Vinyl chloride	49.5	5.0	ug/kg	55.2	ND	90	45-130	9	30	
o-Xylene	51.0	2.0	ug/kg	55.2	ND	92	70-125	8	20	
m,p-Xylenes	104	2.0	ug/kg	110	ND	95	70-125	9	20	
Surrogate: Dibromofluoromethane	57.7		ug/kg	55.2		105	80-125			
Surrogate: Toluene-d8	59.2		ug/kg	55.2		107	80-120			
Surrogate: 4-Bromofluorobenzene	56.5		ug/kg	55.2		102	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
Blank Analyzed: 05/08/04 (4E07114-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
Blank Analyzed: 05/08/04 (4E07114-BLK1)										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	2720		ug/kg	2500		109	50-160			
Surrogate: Toluene-d8	2870		ug/kg	2500		115	60-160			
Surrogate: 4-Bromofluorobenzene	2710		ug/kg	2500		108	60-150			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
LCS Analyzed: 05/07/04 (4E07114-BS1)										
Benzene	2450	100	ug/kg	2500		98	75-125			
Bromobenzene	2510	250	ug/kg	2500		100	80-120			
Bromochloromethane	2640	250	ug/kg	2500		106	65-140			
Bromodichloromethane	2930	100	ug/kg	2500		117	70-140			
Bromoform	2900	250	ug/kg	2500		116	60-130			
Bromomethane	1960	250	ug/kg	2500		78	35-140			
n-Butylbenzene	2620	250	ug/kg	2500		105	80-130			
sec-Butylbenzene	2560	250	ug/kg	2500		102	75-125			
tert-Butylbenzene	2600	250	ug/kg	2500		104	80-125			
Carbon tetrachloride	3040	250	ug/kg	2500		122	70-140			
Chlorobenzene	2610	100	ug/kg	2500		104	80-125			
Chloroethane	2070	250	ug/kg	2500		83	40-145			
Chloroform	2780	100	ug/kg	2500		111	75-130			
Chloromethane	2200	250	ug/kg	2500		88	30-145			
2-Chlorotoluene	2540	250	ug/kg	2500		102	75-125			
4-Chlorotoluene	2600	250	ug/kg	2500		104	80-125			
Dibromochloromethane	2770	100	ug/kg	2500		111	65-145			
1,2-Dibromo-3-chloropropane	2800	250	ug/kg	2500		112	45-135			
1,2-Dibromoethane (EDB)	2800	100	ug/kg	2500		112	75-130			
Dibromomethane	2830	100	ug/kg	2500		113	75-135			
1,2-Dichlorobenzene	2600	100	ug/kg	2500		104	80-120			
1,3-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120			
1,4-Dichlorobenzene	2530	100	ug/kg	2500		101	80-120			
Dichlorodifluoromethane	2480	250	ug/kg	2500		99	10-160			
1,1-Dichloroethane	2480	100	ug/kg	2500		99	70-135			
1,2-Dichloroethane	3180	100	ug/kg	2500		127	60-150			
1,1-Dichloroethene	2360	250	ug/kg	2500		94	80-145			
cis-1,2-Dichloroethene	2340	100	ug/kg	2500		94	70-135			
trans-1,2-Dichloroethene	2380	100	ug/kg	2500		95	70-135			
1,2-Dichloropropane	2460	100	ug/kg	2500		98	75-125			
1,3-Dichloropropane	2710	100	ug/kg	2500		108	75-130			
2,2-Dichloropropane	2790	100	ug/kg	2500		112	70-150			
1,1-Dichloropropene	2690	100	ug/kg	2500		108	75-130			
cis-1,3-Dichloropropene	2660	100	ug/kg	2500		106	75-130			
trans-1,3-Dichloropropene	2890	100	ug/kg	2500		116	75-135			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
LCS Analyzed: 05/07/04 (4E07114-BS1)										
Ethylbenzene	2730	100	ug/kg	2500		109	80-120			
Hexachlorobutadiene	2710	250	ug/kg	2500		108	75-140			
Isopropylbenzene	2610	100	ug/kg	2500		104	75-125			
p-Isopropyltoluene	2590	100	ug/kg	2500		104	80-125			
Methylene chloride	2280	1000	ug/kg	2500		91	60-145			
Naphthalene	3190	250	ug/kg	2500		128	50-145			
n-Propylbenzene	2590	100	ug/kg	2500		104	75-130			
Styrene	2750	100	ug/kg	2500		110	80-135			
1,1,1,2-Tetrachloroethane	2850	250	ug/kg	2500		114	70-145			
1,1,2,2-Tetrachloroethane	2430	100	ug/kg	2500		97	60-135			
Tetrachloroethene	2690	100	ug/kg	2500		108	80-125			
Toluene	2680	100	ug/kg	2500		107	80-125			
1,2,3-Trichlorobenzene	2780	250	ug/kg	2500		111	65-135			
1,2,4-Trichlorobenzene	2750	250	ug/kg	2500		110	70-140			
1,1,1-Trichloroethane	3000	100	ug/kg	2500		120	75-140			
1,1,2-Trichloroethane	2680	100	ug/kg	2500		107	70-130			
Trichloroethene	2670	100	ug/kg	2500		107	80-130			
Trichlorofluoromethane	2880	250	ug/kg	2500		115	55-145			
1,2,3-Trichloropropane	2980	500	ug/kg	2500		119	60-130			
1,2,4-Trimethylbenzene	2690	100	ug/kg	2500		108	80-125			
1,3,5-Trimethylbenzene	2670	100	ug/kg	2500		107	80-125			
Vinyl chloride	1370	250	ug/kg	2500		55	10-120			
o-Xylene	2680	100	ug/kg	2500		107	80-125			
m,p-Xylenes	5430	100	ug/kg	5000		109	80-120			
Surrogate: Dibromofluoromethane	2770		ug/kg	2500		111	50-160			
Surrogate: Toluene-d8	2870		ug/kg	2500		115	60-160			
Surrogate: 4-Bromofluorobenzene	2980		ug/kg	2500		119	60-150			

Del Mar Analytical, Irvine
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
LCS Dup Analyzed: 05/07/04 (4E07114-BSD1)										
Benzene	2530	100	ug/kg	2500		101	75-125	3	20	
Bromobenzene	2530	250	ug/kg	2500		101	80-120	1	20	
Bromochloromethane	2680	250	ug/kg	2500		107	65-140	2	20	
Bromodichloromethane	2900	100	ug/kg	2500		116	70-140	1	20	
Bromoform	2910	250	ug/kg	2500		116	60-130	0	25	
Bromomethane	1990	250	ug/kg	2500		80	35-140	2	30	
n-Butylbenzene	2560	250	ug/kg	2500		102	80-130	2	20	
sec-Butylbenzene	2560	250	ug/kg	2500		102	75-125	0	20	
tert-Butylbenzene	2600	250	ug/kg	2500		104	80-125	0	20	
Carbon tetrachloride	3000	250	ug/kg	2500		120	70-140	1	20	
Chlorobenzene	2650	100	ug/kg	2500		106	80-125	2	20	
Chloroethane	2110	250	ug/kg	2500		84	40-145	2	25	
Chloroform	2760	100	ug/kg	2500		110	75-130	1	20	
Chloromethane	2190	250	ug/kg	2500		88	30-145	1	25	
2-Chlorotoluene	2540	250	ug/kg	2500		102	75-125	0	20	
4-Chlorotoluene	2590	250	ug/kg	2500		104	80-125	0	20	
Dibromochloromethane	2790	100	ug/kg	2500		112	65-145	1	20	
1,2-Dibromo-3-chloropropane	2940	250	ug/kg	2500		118	45-135	5	25	
1,2-Dibromoethane (EDB)	2840	100	ug/kg	2500		114	75-130	1	20	
Dibromomethane	2760	100	ug/kg	2500		110	75-135	3	20	
1,2-Dichlorobenzene	2560	100	ug/kg	2500		102	80-120	2	20	
1,3-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120	0	20	
1,4-Dichlorobenzene	2510	100	ug/kg	2500		100	80-120	1	20	
Dichlorodifluoromethane	2400	250	ug/kg	2500		96	10-160	3	30	
1,1-Dichloroethane	2490	100	ug/kg	2500		100	70-135	0	20	
1,2-Dichloroethane	3120	100	ug/kg	2500		125	60-150	2	25	
1,1-Dichloroethene	2430	250	ug/kg	2500		97	80-145	3	20	
cis-1,2-Dichloroethene	2390	100	ug/kg	2500		96	70-135	2	20	
trans-1,2-Dichloroethene	2450	100	ug/kg	2500		98	70-135	3	20	
1,2-Dichloropropane	2490	100	ug/kg	2500		100	75-125	1	20	
1,3-Dichloropropane	2740	100	ug/kg	2500		110	75-130	1	20	
2,2-Dichloropropane	2650	100	ug/kg	2500		106	70-150	5	20	
1,1-Dichloropropene	2680	100	ug/kg	2500		107	75-130	0	20	
cis-1,3-Dichloropropene	2660	100	ug/kg	2500		106	75-130	0	20	
trans-1,3-Dichloropropene	2880	100	ug/kg	2500		115	75-135	0	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
LCS Dup Analyzed: 05/07/04 (4E07114-BSD1)										
Ethylbenzene	2710	100	ug/kg	2500		108	80-120	1	20	
Hexachlorobutadiene	2640	250	ug/kg	2500		106	75-140	3	20	
Isopropylbenzene	2580	100	ug/kg	2500		103	75-125	1	20	
p-Isopropyltoluene	2550	100	ug/kg	2500		102	80-125	2	20	
Methylene chloride	2400	1000	ug/kg	2500		96	60-145	5	20	
Naphthalene	2810	250	ug/kg	2500		112	50-145	13	25	
n-Propylbenzene	2590	100	ug/kg	2500		104	75-130	0	20	
Styrene	2750	100	ug/kg	2500		110	80-135	0	20	
1,1,1,2-Tetrachloroethane	2810	250	ug/kg	2500		112	70-145	1	20	
1,1,2,2-Tetrachloroethane	2490	100	ug/kg	2500		100	60-135	2	25	
Tetrachloroethene	2660	100	ug/kg	2500		106	80-125	1	20	
Toluene	2640	100	ug/kg	2500		106	80-125	2	20	
1,2,3-Trichlorobenzene	2760	250	ug/kg	2500		110	65-135	1	20	
1,2,4-Trichlorobenzene	2700	250	ug/kg	2500		108	70-140	2	20	
1,1,1-Trichloroethane	2920	100	ug/kg	2500		117	75-140	3	20	
1,1,2-Trichloroethane	2680	100	ug/kg	2500		107	70-130	0	20	
Trichloroethene	2620	100	ug/kg	2500		105	80-130	2	20	
Trichlorofluoromethane	2880	250	ug/kg	2500		115	55-145	0	25	
1,2,3-Trichloropropane	2960	500	ug/kg	2500		118	60-130	1	20	
1,2,4-Trimethylbenzene	2630	100	ug/kg	2500		105	80-125	2	20	
1,3,5-Trimethylbenzene	2640	100	ug/kg	2500		106	80-125	1	20	
Vinyl chloride	1300	250	ug/kg	2500		52	10-120	5	30	
o-Xylene	2690	100	ug/kg	2500		108	80-125	0	20	
m,p-Xylenes	5450	100	ug/kg	5000		109	80-120	0	20	
Surrogate: Dibromofluoromethane	2710		ug/kg	2500		108	50-160			
Surrogate: Toluene-d8	2830		ug/kg	2500		113	60-160			
Surrogate: 4-Bromofluorobenzene	2980		ug/kg	2500		119	60-150			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
Matrix Spike Analyzed: 05/08/04 (4E07114-MS1)					Source: INE0009-25					
Benzene	2900	100	ug/kg	2500	ND	116	60-140			
Bromobenzene	2910	250	ug/kg	2500	ND	116	65-130			
Bromochloromethane	2910	250	ug/kg	2500	ND	116	60-145			
Bromodichloromethane	2940	100	ug/kg	2500	ND	118	65-150			
Bromoform	2540	250	ug/kg	2500	ND	102	55-150			
Bromomethane	2030	250	ug/kg	2500	ND	81	30-160			
n-Butylbenzene	2980	250	ug/kg	2500	ND	119	60-150			
sec-Butylbenzene	2930	250	ug/kg	2500	ND	117	65-145			
tert-Butylbenzene	2920	250	ug/kg	2500	ND	117	60-150			
Carbon tetrachloride	2910	250	ug/kg	2500	ND	116	70-140			
Chlorobenzene	2930	100	ug/kg	2500	ND	117	70-140			
Chloroethane	2050	250	ug/kg	2500	ND	82	30-170			
Chloroform	2780	100	ug/kg	2500	ND	111	60-140			
Chloromethane	2390	250	ug/kg	2500	ND	96	30-160			
2-Chlorotoluene	2830	250	ug/kg	2500	ND	113	60-140			
4-Chlorotoluene	2880	250	ug/kg	2500	ND	115	70-135			
Dibromochloromethane	2810	100	ug/kg	2500	ND	112	60-150			
1,2-Dibromo-3-chloropropane	2150	250	ug/kg	2500	ND	86	40-150			
1,2-Dibromoethane (EDB)	2890	100	ug/kg	2500	ND	116	65-140			
Dibromomethane	2850	100	ug/kg	2500	ND	114	65-140			
1,2-Dichlorobenzene	2920	100	ug/kg	2500	ND	117	70-130			
1,3-Dichlorobenzene	2860	100	ug/kg	2500	ND	114	60-155			
1,4-Dichlorobenzene	2920	100	ug/kg	2500	ND	117	55-150			
Dichlorodifluoromethane	2200	250	ug/kg	2500	ND	88	10-160			
1,1-Dichloroethane	2820	100	ug/kg	2500	ND	113	60-155			
1,2-Dichloroethane	2810	100	ug/kg	2500	ND	112	55-150			
1,1-Dichloroethene	2960	250	ug/kg	2500	ND	118	60-165			
cis-1,2-Dichloroethene	2770	100	ug/kg	2500	ND	111	60-135			
trans-1,2-Dichloroethene	2860	100	ug/kg	2500	ND	114	50-155			
1,2-Dichloropropane	2870	100	ug/kg	2500	ND	115	65-135			
1,3-Dichloropropane	2880	100	ug/kg	2500	ND	115	65-135			
2,2-Dichloropropane	2660	100	ug/kg	2500	ND	106	60-150			
1,1-Dichloropropene	2860	100	ug/kg	2500	ND	114	60-140			
cis-1,3-Dichloropropene	2910	100	ug/kg	2500	ND	116	60-135			
trans-1,3-Dichloropropene	2930	100	ug/kg	2500	ND	117	55-155			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
Matrix Spike Analyzed: 05/08/04 (4E07114-MS1)					Source: INE0009-25					
Ethylbenzene	3000	100	ug/kg	2500	ND	120	60-140			
Hexachlorobutadiene	2900	250	ug/kg	2500	ND	116	65-145			
Isopropylbenzene	2950	100	ug/kg	2500	ND	118	60-140			
p-Isopropyltoluene	2860	100	ug/kg	2500	ND	114	60-145			
Methylene chloride	3000	1000	ug/kg	2500	ND	120	50-155			
Naphthalene	2810	250	ug/kg	2500	ND	112	30-165			
n-Propylbenzene	2990	100	ug/kg	2500	ND	120	60-145			
Styrene	3160	100	ug/kg	2500	ND	126	60-145			
1,1,1,2-Tetrachloroethane	2970	250	ug/kg	2500	ND	119	65-145			
1,1,2,2-Tetrachloroethane	2730	100	ug/kg	2500	ND	109	60-150			
Tetrachloroethene	2920	100	ug/kg	2500	ND	117	65-145			
Toluene	2970	100	ug/kg	2500	ND	119	60-145			
1,2,3-Trichlorobenzene	2940	250	ug/kg	2500	ND	118	45-145			
1,2,4-Trichlorobenzene	3020	250	ug/kg	2500	ND	121	60-140			
1,1,1-Trichloroethane	2870	100	ug/kg	2500	ND	115	65-140			
1,1,2-Trichloroethane	2850	100	ug/kg	2500	ND	114	60-140			
Trichloroethene	2920	100	ug/kg	2500	ND	117	70-150			
Trichlorofluoromethane	2700	250	ug/kg	2500	ND	108	35-165			
1,2,3-Trichloropropane	2650	500	ug/kg	2500	ND	106	50-150			
1,2,4-Trimethylbenzene	2950	100	ug/kg	2500	ND	118	70-135			
1,3,5-Trimethylbenzene	2990	100	ug/kg	2500	ND	120	70-135			
Vinyl chloride	999	250	ug/kg	2500	ND	40	10-120			
o-Xylene	2930	100	ug/kg	2500	ND	117	60-145			
m,p-Xylenes	6070	100	ug/kg	5000	ND	121	60-140			
Surrogate: Dibromofluoromethane	2930		ug/kg	2500		117	50-160			
Surrogate: Toluene-d8	3050		ug/kg	2500		122	60-160			
Surrogate: 4-Bromofluorobenzene	2970		ug/kg	2500		119	60-150			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/08/04 (4E07114-MSD1)					Source: INE0009-25					
Benzene	2890	100	ug/kg	2500	ND	116	60-140	0	25	
Bromobenzene	2910	250	ug/kg	2500	ND	116	65-130	0	25	
Bromochloromethane	2970	250	ug/kg	2500	ND	119	60-145	2	25	
Bromodichloromethane	2990	100	ug/kg	2500	ND	120	65-150	2	25	
Bromoform	2800	250	ug/kg	2500	ND	112	55-150	10	30	
Bromomethane	1960	250	ug/kg	2500	ND	78	30-160	4	30	
n-Butylbenzene	2940	250	ug/kg	2500	ND	118	60-150	1	25	
sec-Butylbenzene	2870	250	ug/kg	2500	ND	115	65-145	2	25	
tert-Butylbenzene	2860	250	ug/kg	2500	ND	114	60-150	2	20	
Carbon tetrachloride	2920	250	ug/kg	2500	ND	117	70-140	0	20	
Chlorobenzene	2930	100	ug/kg	2500	ND	117	70-140	0	25	
Chloroethane	1970	250	ug/kg	2500	ND	79	30-170	4	35	
Chloroform	2770	100	ug/kg	2500	ND	111	60-140	0	25	
Chloromethane	2410	250	ug/kg	2500	ND	96	30-160	1	30	
2-Chlorotoluene	2820	250	ug/kg	2500	ND	113	60-140	0	25	
4-Chlorotoluene	2840	250	ug/kg	2500	ND	114	70-135	1	20	
Dibromochloromethane	2980	100	ug/kg	2500	ND	119	60-150	6	25	
1,2-Dibromo-3-chloropropane	2390	250	ug/kg	2500	ND	96	40-150	11	30	
1,2-Dibromoethane (EDB)	3090	100	ug/kg	2500	ND	124	65-140	7	25	
Dibromomethane	2980	100	ug/kg	2500	ND	119	65-140	4	20	
1,2-Dichlorobenzene	2930	100	ug/kg	2500	ND	117	70-130	0	20	
1,3-Dichlorobenzene	2800	100	ug/kg	2500	ND	112	60-155	2	25	
1,4-Dichlorobenzene	2880	100	ug/kg	2500	ND	115	55-150	1	25	
Dichlorodifluoromethane	2170	250	ug/kg	2500	ND	87	10-160	1	35	
1,1-Dichloroethane	2850	100	ug/kg	2500	ND	114	60-155	1	25	
1,2-Dichloroethane	2870	100	ug/kg	2500	ND	115	55-150	2	30	
1,1-Dichloroethene	2980	250	ug/kg	2500	ND	119	60-165	1	25	
cis-1,2-Dichloroethene	2770	100	ug/kg	2500	ND	111	60-135	0	25	
trans-1,2-Dichloroethene	2890	100	ug/kg	2500	ND	116	50-155	1	25	
1,2-Dichloropropane	2890	100	ug/kg	2500	ND	116	65-135	1	20	
1,3-Dichloropropane	3050	100	ug/kg	2500	ND	122	65-135	6	20	
2,2-Dichloropropane	2740	100	ug/kg	2500	ND	110	60-150	3	20	
1,1-Dichloropropene	2850	100	ug/kg	2500	ND	114	60-140	0	20	
cis-1,3-Dichloropropene	2940	100	ug/kg	2500	ND	118	60-135	1	25	
trans-1,3-Dichloropropene	3060	100	ug/kg	2500	ND	122	55-155	4	25	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07114 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/08/04 (4E07114-MSD1)					Source: INE0009-25					
Ethylbenzene	3010	100	ug/kg	2500	ND	120	60-140	0	25	
Hexachlorobutadiene	2770	250	ug/kg	2500	ND	111	65-145	5	25	
Isopropylbenzene	2890	100	ug/kg	2500	ND	116	60-140	2	25	
p-Isopropyltoluene	2790	100	ug/kg	2500	ND	112	60-145	2	25	
Methylene chloride	3120	1000	ug/kg	2500	ND	125	50-155	4	25	
Naphthalene	2990	250	ug/kg	2500	ND	120	30-165	6	30	
n-Propylbenzene	2930	100	ug/kg	2500	ND	117	60-145	2	25	
Styrene	3200	100	ug/kg	2500	ND	128	60-145	1	20	
1,1,1,2-Tetrachloroethane	3010	250	ug/kg	2500	ND	120	65-145	1	20	
1,1,2,2-Tetrachloroethane	2990	100	ug/kg	2500	ND	120	60-150	9	20	
Tetrachloroethene	2900	100	ug/kg	2500	ND	116	65-145	1	25	
Toluene	2940	100	ug/kg	2500	ND	118	60-145	1	25	
1,2,3-Trichlorobenzene	2960	250	ug/kg	2500	ND	118	45-145	1	30	
1,2,4-Trichlorobenzene	3000	250	ug/kg	2500	ND	120	60-140	1	25	
1,1,1-Trichloroethane	2880	100	ug/kg	2500	ND	115	65-140	0	25	
1,1,2-Trichloroethane	2970	100	ug/kg	2500	ND	119	60-140	4	20	
Trichloroethene	2930	100	ug/kg	2500	ND	117	70-150	0	25	
Trichlorofluoromethane	2700	250	ug/kg	2500	ND	108	35-165	0	30	
1,2,3-Trichloropropane	2830	500	ug/kg	2500	ND	113	50-150	7	20	
1,2,4-Trimethylbenzene	2870	100	ug/kg	2500	ND	115	70-135	3	20	
1,3,5-Trimethylbenzene	2920	100	ug/kg	2500	ND	117	70-135	2	25	
Vinyl chloride	881	250	ug/kg	2500	ND	35	10-120	13	35	
o-Xylene	2950	100	ug/kg	2500	ND	118	60-145	1	25	
m,p-Xylenes	6030	100	ug/kg	5000	ND	121	60-140	1	25	
Surrogate: Dibromofluoromethane	2940		ug/kg	2500		118	50-160			
Surrogate: Toluene-d8	3020		ug/kg	2500		121	60-160			
Surrogate: 4-Bromofluorobenzene	3030		ug/kg	2500		121	60-150			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
Blank Analyzed: 05/08/04 (4E08007-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

Del Mar Analytical, Irvine
 Amanda Cordova
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Attention: Mike Reardon

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SB0202/31
Report Number: INE0119

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Received: 05/04/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
Blank Analyzed: 05/08/04 (4E08007-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	49.9		ug/kg	50.0		100	80-125			
Surrogate: Toluene-d8	53.3		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	50.6		ug/kg	50.0		101	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
LCS Analyzed: 05/08/04 (4E08007-BS1)										
Benzene	53.1	2.0	ug/kg	50.0		106	70-120			
Bromobenzene	53.1	5.0	ug/kg	50.0		106	80-120			
Bromochloromethane	54.1	5.0	ug/kg	50.0		108	65-135			
Bromodichloromethane	55.2	2.0	ug/kg	50.0		110	70-140			
Bromoform	54.7	5.0	ug/kg	50.0		109	60-140			
Bromomethane	55.3	5.0	ug/kg	50.0		111	60-140			
n-Butylbenzene	54.4	5.0	ug/kg	50.0		109	75-130			
sec-Butylbenzene	52.5	5.0	ug/kg	50.0		105	75-125			
tert-Butylbenzene	56.1	5.0	ug/kg	50.0		112	80-125			
Carbon tetrachloride	55.9	5.0	ug/kg	50.0		112	70-140			
Chlorobenzene	53.6	2.0	ug/kg	50.0		107	80-125			
Chloroethane	54.0	5.0	ug/kg	50.0		108	55-145			
Chloroform	51.3	2.0	ug/kg	50.0		103	75-120			
Chloromethane	49.7	5.0	ug/kg	50.0		99	35-145			
2-Chlorotoluene	52.6	5.0	ug/kg	50.0		105	75-125			
4-Chlorotoluene	53.4	5.0	ug/kg	50.0		107	80-125			
Dibromochloromethane	53.4	2.0	ug/kg	50.0		107	65-145			
1,2-Dibromo-3-chloropropane	63.9	5.0	ug/kg	50.0		128	50-150			
1,2-Dibromoethane (EDB)	56.8	2.0	ug/kg	50.0		114	70-130			
Dibromomethane	54.4	2.0	ug/kg	50.0		109	70-130			
1,2-Dichlorobenzene	54.3	2.0	ug/kg	50.0		109	80-125			
1,3-Dichlorobenzene	52.6	2.0	ug/kg	50.0		105	80-120			
1,4-Dichlorobenzene	53.4	2.0	ug/kg	50.0		107	80-120			
Dichlorodifluoromethane	53.3	5.0	ug/kg	50.0		107	10-160			
1,1-Dichloroethane	52.9	2.0	ug/kg	50.0		106	70-135			
1,2-Dichloroethane	53.7	2.0	ug/kg	50.0		107	60-150			
1,1-Dichloroethene	52.1	5.0	ug/kg	50.0		104	75-130			
cis-1,2-Dichloroethene	52.1	2.0	ug/kg	50.0		104	70-125			
trans-1,2-Dichloroethene	53.1	2.0	ug/kg	50.0		106	70-130			
1,2-Dichloropropane	53.2	2.0	ug/kg	50.0		106	70-120			
1,3-Dichloropropane	51.7	2.0	ug/kg	50.0		103	70-130			
2,2-Dichloropropane	60.4	2.0	ug/kg	50.0		121	70-150			
1,1-Dichloropropene	54.5	2.0	ug/kg	50.0		109	75-130			
cis-1,3-Dichloropropene	55.8	2.0	ug/kg	50.0		112	75-130			
trans-1,3-Dichloropropene	57.5	2.0	ug/kg	50.0		115	70-135			

Del Mar Analytical, Irvine
 Amanda Cordova
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
LCS Analyzed: 05/08/04 (4E08007-BS1)										
Ethylbenzene	53.8	2.0	ug/kg	50.0		108	75-125			
Hexachlorobutadiene	52.6	5.0	ug/kg	50.0		105	75-140			
Isopropylbenzene	55.6	2.0	ug/kg	50.0		111	75-125			
p-Isopropyltoluene	52.6	2.0	ug/kg	50.0		105	75-125			
Methylene chloride	47.4	20	ug/kg	50.0		95	60-135			
Naphthalene	58.1	5.0	ug/kg	50.0		116	50-145			
n-Propylbenzene	53.8	2.0	ug/kg	50.0		108	75-130			
Styrene	59.3	2.0	ug/kg	50.0		119	80-135			
1,1,1,2-Tetrachloroethane	54.7	5.0	ug/kg	50.0		109	70-145			
1,1,2,2-Tetrachloroethane	63.7	2.0	ug/kg	50.0		127	55-145			
Tetrachloroethene	55.1	2.0	ug/kg	50.0		110	80-125			
Toluene	51.9	2.0	ug/kg	50.0		104	75-120			
1,2,3-Trichlorobenzene	54.9	5.0	ug/kg	50.0		110	65-135			
1,2,4-Trichlorobenzene	56.8	5.0	ug/kg	50.0		114	70-140			
1,1,1-Trichloroethane	56.1	2.0	ug/kg	50.0		112	75-140			
1,1,2-Trichloroethane	51.7	2.0	ug/kg	50.0		103	65-130			
Trichloroethene	52.0	2.0	ug/kg	50.0		104	75-125			
Trichlorofluoromethane	54.4	5.0	ug/kg	50.0		109	50-145			
1,2,3-Trichloropropane	55.9	10	ug/kg	50.0		112	55-140			
1,2,4-Trimethylbenzene	54.4	2.0	ug/kg	50.0		109	75-125			
1,3,5-Trimethylbenzene	55.2	2.0	ug/kg	50.0		110	80-125			
Vinyl chloride	47.0	5.0	ug/kg	50.0		94	45-130			
o-Xylene	52.9	2.0	ug/kg	50.0		106	75-125			
m,p-Xylenes	105	2.0	ug/kg	100		105	75-125			
Surrogate: Dibromofluoromethane	51.3		ug/kg	50.0		103	80-125			
Surrogate: Toluene-d8	53.6		ug/kg	50.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	49.7		ug/kg	50.0		99	80-120			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
Matrix Spike Analyzed: 05/08/04 (4E08007-MS1)					Source: INE0353-01					
Benzene	54.8	2.0	ug/kg	50.0	ND	110	65-130			
Bromobenzene	87.5	5.0	ug/kg	50.0	ND	175	70-130			I, MI
Bromochloromethane	61.1	5.0	ug/kg	50.0	ND	122	60-145			
Bromodichloromethane	53.4	2.0	ug/kg	50.0	ND	107	70-145			
Bromoform	49.1	5.0	ug/kg	50.0	ND	98	60-145			I
Bromomethane	67.4	5.0	ug/kg	50.0	ND	135	50-150			
n-Butylbenzene	37.8	5.0	ug/kg	50.0	ND	76	60-140			I
sec-Butylbenzene	47.9	5.0	ug/kg	50.0	ND	96	65-135			I
tert-Butylbenzene	62.6	5.0	ug/kg	50.0	ND	125	70-130			I
Carbon tetrachloride	51.0	5.0	ug/kg	50.0	2.8	96	70-140			
Chlorobenzene	52.5	2.0	ug/kg	50.0	ND	105	80-130			I
Chloroethane	64.6	5.0	ug/kg	50.0	ND	129	50-150			
Chloroform	62.6	2.0	ug/kg	50.0	5.1	115	70-130			
Chloromethane	60.7	5.0	ug/kg	50.0	ND	121	30-150			
2-Chlorotoluene	75.2	5.0	ug/kg	50.0	ND	150	70-130			I, MI
4-Chlorotoluene	74.2	5.0	ug/kg	50.0	ND	148	65-135			I, MI
Dibromochloromethane	62.9	2.0	ug/kg	50.0	ND	126	65-145			I
1,2-Dibromo-3-chloropropane	92.3	5.0	ug/kg	50.0	ND	185	50-150			I, MI
1,2-Dibromoethane (EDB)	74.1	2.0	ug/kg	50.0	ND	148	65-135			I, MI
Dibromomethane	55.4	2.0	ug/kg	50.0	ND	111	65-135			
1,2-Dichlorobenzene	45.8	2.0	ug/kg	50.0	ND	92	75-130			I
1,3-Dichlorobenzene	53.4	2.0	ug/kg	50.0	ND	107	70-125			I
1,4-Dichlorobenzene	55.4	2.0	ug/kg	50.0	ND	111	75-130			I
Dichlorodifluoromethane	59.4	5.0	ug/kg	50.0	ND	119	10-200			
1,1-Dichloroethane	60.0	2.0	ug/kg	50.0	ND	120	70-135			
1,2-Dichloroethane	56.2	2.0	ug/kg	50.0	ND	112	60-150			
1,1-Dichloroethene	57.9	5.0	ug/kg	50.0	ND	116	75-140			
cis-1,2-Dichloroethene	57.2	2.0	ug/kg	50.0	ND	114	60-135			
trans-1,2-Dichloroethene	59.9	2.0	ug/kg	50.0	ND	120	65-135			
1,2-Dichloropropane	52.0	2.0	ug/kg	50.0	ND	104	65-125			
1,3-Dichloropropane	70.1	2.0	ug/kg	50.0	ND	140	65-135			I, MI
2,2-Dichloropropane	73.4	2.0	ug/kg	50.0	ND	147	60-150			
1,1-Dichloropropene	49.1	2.0	ug/kg	50.0	ND	98	60-140			
cis-1,3-Dichloropropene	51.2	2.0	ug/kg	50.0	ND	102	65-135			
trans-1,3-Dichloropropene	48.8	2.0	ug/kg	50.0	ND	98	65-140			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
Matrix Spike Analyzed: 05/08/04 (4E08007-MS1)					Source: INE0353-01					
Ethylbenzene	50.4	2.0	ug/kg	50.0	ND	101	70-130			I
Hexachlorobutadiene	11.7	5.0	ug/kg	50.0	ND	23	65-145			I, M2
Isopropylbenzene	89.8	2.0	ug/kg	50.0	ND	180	60-135			I, M1
p-Isopropyltoluene	46.7	2.0	ug/kg	50.0	ND	93	60-135			I
Methylene chloride	66.1	20	ug/kg	50.0	11	110	60-145			
Naphthalene	27.6	5.0	ug/kg	50.0	4.7	46	40-160			I
n-Propylbenzene	74.2	2.0	ug/kg	50.0	1.4	146	60-140			I, M1
Styrene	47.2	2.0	ug/kg	50.0	ND	94	70-145			I
1,1,1,2-Tetrachloroethane	55.8	5.0	ug/kg	50.0	ND	112	65-145			I
1,1,1,2,2-Tetrachloroethane	137	2.0	ug/kg	50.0	ND	274	55-150			I, M1
Tetrachloroethene	52.4	2.0	ug/kg	50.0	2.0	101	70-130			I
Toluene	44.5	2.0	ug/kg	50.0	ND	89	70-125			
1,2,3-Trichlorobenzene	16.2	5.0	ug/kg	50.0	ND	32	60-135			I, M2
1,2,4-Trichlorobenzene	15.7	5.0	ug/kg	50.0	ND	31	65-140			I, M2
1,1,1-Trichloroethane	57.0	2.0	ug/kg	50.0	ND	114	65-140			
1,1,2-Trichloroethane	46.8	2.0	ug/kg	50.0	ND	94	60-140			
Trichloroethene	56.2	2.0	ug/kg	50.0	8.2	96	70-140			
Trichlorofluoromethane	57.7	5.0	ug/kg	50.0	ND	115	40-160			
1,2,3-Trichloropropane	134	10	ug/kg	50.0	ND	268	55-140			I, M1
1,2,4-Trimethylbenzene	71.1	2.0	ug/kg	50.0	3.5	135	65-130			I, M1
1,3,5-Trimethylbenzene	74.3	2.0	ug/kg	50.0	2.7	143	70-130			I, M1
Vinyl chloride	57.7	5.0	ug/kg	50.0	ND	115	45-130			
o-Xylene	46.2	2.0	ug/kg	50.0	0.58	91	70-125			I
m,p-Xylenes	95.3	2.0	ug/kg	100	1.1	94	70-125			I
Surrogate: Dibromofluoromethane	55.4		ug/kg	50.0		111	80-125			
Surrogate: Toluene-d8	46.9		ug/kg	50.0		94	80-120			
Surrogate: 4-Bromofluorobenzene	34.3		ug/kg	50.0		69	80-120			I, Z

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
Matrix Spike Dup Analyzed: 05/08/04 (4E08007-MSD1)					Source: INE0353-01					
Benzene	55.0	2.0	ug/kg	50.0	ND	110	65-130	0	20	
Bromobenzene	81.4	5.0	ug/kg	50.0	ND	163	70-130	7	20	I, MI
Bromochloromethane	57.9	5.0	ug/kg	50.0	ND	116	60-145	5	25	
Bromodichloromethane	55.0	2.0	ug/kg	50.0	ND	110	70-145	3	20	
Bromoform	49.8	5.0	ug/kg	50.0	ND	100	60-145	1	25	
Bromomethane	63.1	5.0	ug/kg	50.0	ND	126	50-150	7	25	
n-Butylbenzene	37.4	5.0	ug/kg	50.0	ND	75	60-140	1	25	I
sec-Butylbenzene	46.9	5.0	ug/kg	50.0	ND	94	65-135	2	20	I
tert-Butylbenzene	60.7	5.0	ug/kg	50.0	ND	121	70-130	3	20	I
Carbon tetrachloride	54.6	5.0	ug/kg	50.0	2.8	104	70-140	7	20	
Chlorobenzene	53.6	2.0	ug/kg	50.0	ND	107	80-130	2	20	
Chloroethane	61.3	5.0	ug/kg	50.0	ND	123	50-150	5	30	
Chloroform	58.1	2.0	ug/kg	50.0	5.1	106	70-130	7	20	
Chloromethane	56.7	5.0	ug/kg	50.0	ND	113	30-150	7	30	
2-Chlorotoluene	72.0	5.0	ug/kg	50.0	ND	144	70-130	4	20	I, MI
4-Chlorotoluene	71.2	5.0	ug/kg	50.0	ND	142	65-135	4	20	I, MI
Dibromochloromethane	60.3	2.0	ug/kg	50.0	ND	121	65-145	4	25	
1,2-Dibromo-3-chloropropane	82.6	5.0	ug/kg	50.0	ND	165	50-150	11	30	I, MI
1,2-Dibromoethane (EDB)	68.2	2.0	ug/kg	50.0	ND	136	65-135	8	20	MI
Dibromomethane	54.8	2.0	ug/kg	50.0	ND	110	65-135	1	20	
1,2-Dichlorobenzene	45.2	2.0	ug/kg	50.0	ND	90	75-130	1	20	I
1,3-Dichlorobenzene	51.9	2.0	ug/kg	50.0	ND	104	70-125	3	20	I
1,4-Dichlorobenzene	54.4	2.0	ug/kg	50.0	ND	109	75-130	2	20	I
Dichlorodifluoromethane	57.4	5.0	ug/kg	50.0	ND	115	10-200	3	35	
1,1-Dichloroethane	56.9	2.0	ug/kg	50.0	ND	114	70-135	5	20	
1,2-Dichloroethane	54.8	2.0	ug/kg	50.0	ND	110	60-150	3	25	
1,1-Dichloroethene	56.4	5.0	ug/kg	50.0	ND	113	75-140	3	20	
cis-1,2-Dichloroethene	55.3	2.0	ug/kg	50.0	ND	111	60-135	3	20	
trans-1,2-Dichloroethene	57.3	2.0	ug/kg	50.0	ND	115	65-135	4	20	
1,2-Dichloropropane	52.6	2.0	ug/kg	50.0	ND	105	65-125	1	20	
1,3-Dichloropropane	64.2	2.0	ug/kg	50.0	ND	128	65-135	9	20	
2,2-Dichloropropane	73.6	2.0	ug/kg	50.0	ND	147	60-150	0	20	
1,1-Dichloropropene	52.8	2.0	ug/kg	50.0	ND	106	60-140	7	20	
cis-1,3-Dichloropropene	53.1	2.0	ug/kg	50.0	ND	106	65-135	4	20	
trans-1,3-Dichloropropene	50.9	2.0	ug/kg	50.0	ND	102	65-140	4	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E08007 Extracted: 05/08/04										
Matrix Spike Dup Analyzed: 05/08/04 (4E08007-MSD1)					Source: INE0353-01					
Ethylbenzene	53.2	2.0	ug/kg	50.0	ND	106	70-130	5	20	
Hexachlorobutadiene	12.5	5.0	ug/kg	50.0	ND	25	65-145	7	20	I, M2
Isopropylbenzene	84.9	2.0	ug/kg	50.0	ND	170	60-135	6	25	I, M1
p-Isopropyltoluene	46.3	2.0	ug/kg	50.0	ND	93	60-135	1	20	I
Methylene chloride	57.9	20	ug/kg	50.0	11	94	60-145	13	25	
Naphthalene	27.7	5.0	ug/kg	50.0	4.7	46	40-160	0	25	I
n-Propylbenzene	72.4	2.0	ug/kg	50.0	1.4	142	60-140	2	25	I, M1
Styrene	50.8	2.0	ug/kg	50.0	ND	102	70-145	7	20	
1,1,1,2-Tetrachloroethane	55.4	5.0	ug/kg	50.0	ND	111	65-145	1	20	
1,1,2,2-Tetrachloroethane	116	2.0	ug/kg	50.0	ND	232	55-150	17	25	I, M1
Tetrachloroethene	56.4	2.0	ug/kg	50.0	2.0	109	70-130	7	20	
Toluene	47.8	2.0	ug/kg	50.0	ND	96	70-125	7	20	
1,2,3-Trichlorobenzene	15.4	5.0	ug/kg	50.0	ND	31	60-135	5	20	I, M2
1,2,4-Trichlorobenzene	15.4	5.0	ug/kg	50.0	ND	31	65-140	2	25	I, M2
1,1,1-Trichloroethane	57.4	2.0	ug/kg	50.0	ND	115	65-140	1	20	
1,1,2-Trichloroethane	48.8	2.0	ug/kg	50.0	ND	98	60-140	4	20	
Trichloroethene	56.3	2.0	ug/kg	50.0	8.2	96	70-140	0	20	
Trichlorofluoromethane	57.6	5.0	ug/kg	50.0	ND	115	40-160	0	30	
1,2,3-Trichloropropane	110	10	ug/kg	50.0	ND	220	55-140	20	25	I, M1
1,2,4-Trimethylbenzene	67.3	2.0	ug/kg	50.0	3.5	128	65-130	5	20	I
1,3,5-Trimethylbenzene	71.0	2.0	ug/kg	50.0	2.7	137	70-130	5	20	I, M1
Vinyl chloride	53.7	5.0	ug/kg	50.0	ND	107	45-130	7	30	
o-Xylene	49.1	2.0	ug/kg	50.0	0.58	97	70-125	6	20	
m,p-Xylenes	101	2.0	ug/kg	100	1.1	100	70-125	6	20	
Surrogate: Dibromofluoromethane	53.2		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	49.5		ug/kg	50.0		99	80-120			
Surrogate: 4-Bromofluorobenzene	37.2		ug/kg	50.0		74	80-120			Z

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
Blank Analyzed: 05/10/04 (4E07038-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
3,3-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
Blank Analyzed: 05/10/04 (4E07038-BLK1)										
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	420	ug/kg							
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
n-Nitrosodiphenylamine	ND	330	ug/kg							
n-Nitroso-di-n-propylamine	ND	250	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Surrogate: 2-Fluorophenol	4650		ug/kg	6670		70	25-120			
Surrogate: Phenol-d6	5350		ug/kg	6670		80	30-120			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
Blank Analyzed: 05/10/04 (4E07038-BLK1)										
Surrogate: 2,4,6-Tribromophenol	5820		ug/kg	6670		87	35-120			
Surrogate: Nitrobenzene-d5	2440		ug/kg	3330		73	30-120			
Surrogate: 2-Fluorobiphenyl	2970		ug/kg	3330		89	35-120			
Surrogate: Terphenyl-d14	3100		ug/kg	3330		93	35-155			
LCS Analyzed: 05/12/04 (4E07038-BS1)										
Acenaphthene	2940	330	ug/kg	3330		88	55-120			
Acenaphthylene	2880	330	ug/kg	3330		86	55-120			
Aniline	2140	420	ug/kg	3330		64	30-120			
Anthracene	3090	330	ug/kg	3330		93	55-120			
Benzidine	2000	660	ug/kg	3330		60	10-180			
Benzoic acid	2430	830	ug/kg	3330		73	30-125			
Benzo(a)anthracene	3400	330	ug/kg	3330		102	65-120			
Benzo(b)fluoranthene	3730	330	ug/kg	3330		112	65-120			
Benzo(k)fluoranthene	3230	330	ug/kg	3330		97	60-120			
Benzo(g,h,i)perylene	3740	330	ug/kg	3330		112	25-160			
Benzo(a)pyrene	3640	330	ug/kg	3330		109	60-120			
Benzyl alcohol	2680	330	ug/kg	3330		80	40-130			
Bis(2-chloroethoxy)methane	2800	330	ug/kg	3330		84	50-120			
Bis(2-chloroethyl)ether	2630	170	ug/kg	3330		79	40-120			
Bis(2-chloroisopropyl)ether	2620	330	ug/kg	3330		79	40-120			
Bis(2-ethylhexyl)phthalate	3410	330	ug/kg	3330		102	65-125			
4-Bromophenyl phenyl ether	3090	330	ug/kg	3330		93	50-125			
Butyl benzyl phthalate	3360	330	ug/kg	3330		101	65-120			
4-Chloroaniline	2120	330	ug/kg	3330		64	20-120			
2-Chloronaphthalene	2880	330	ug/kg	3330		86	50-120			
4-Chloro-3-methylphenol	3070	330	ug/kg	3330		92	50-120			
2-Chlorophenol	2620	330	ug/kg	3330		79	45-120			
4-Chlorophenyl phenyl ether	3010	330	ug/kg	3330		90	55-120			
Chrysene	3300	330	ug/kg	3330		99	60-120			
Dibenz(a,h)anthracene	3850	420	ug/kg	3330		116	25-160			
Dibenzofuran	2810	330	ug/kg	3330		84	55-120			
Di-n-butyl phthalate	3230	330	ug/kg	3330		97	60-120			
1,3-Dichlorobenzene	2550	330	ug/kg	3330		77	40-120			
1,4-Dichlorobenzene	2330	330	ug/kg	3330		70	40-120			
1,2-Dichlorobenzene	2520	330	ug/kg	3330		76	40-120			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
LCS Analyzed: 05/12/04 (4E07038-BS1)										
3,3-Dichlorobenzidine	2720	830	ug/kg	3330		82	20-170			
2,4-Dichlorophenol	2950	330	ug/kg	3330		89	55-120			
Diethyl phthalate	3050	330	ug/kg	3330		92	55-120			
2,4-Dimethylphenol	2600	330	ug/kg	3330		78	45-120			
Dimethyl phthalate	3080	330	ug/kg	3330		92	60-120			
4,6-Dinitro-2-methylphenol	3300	420	ug/kg	3330		99	50-120			
2,4-Dinitrophenol	2830	420	ug/kg	3330		85	25-140			
2,4-Dinitrotoluene	3490	330	ug/kg	3330		105	60-140			
2,6-Dinitrotoluene	3510	330	ug/kg	3330		105	60-125			
Di-n-octyl phthalate	3880	330	ug/kg	3330		117	60-135			
Fluoranthene	3410	330	ug/kg	3330		102	55-130			
Fluorene	2950	330	ug/kg	3330		89	55-120			
Hexachlorobenzene	3120	330	ug/kg	3330		94	45-120			
Hexachlorobutadiene	2730	330	ug/kg	3330		82	40-120			
Hexachlorocyclopentadiene	2710	830	ug/kg	3330		81	45-130			
Hexachloroethane	2530	330	ug/kg	3330		76	40-120			
Indeno(1,2,3-cd)pyrene	3400	330	ug/kg	3330		102	25-150			
Isophorone	2800	330	ug/kg	3330		84	45-120			
2-Methylnaphthalene	2750	330	ug/kg	3330		83	50-120			
2-Methylphenol	2670	330	ug/kg	3330		80	50-120			
4-Methylphenol	2720	330	ug/kg	3330		82	50-120			
Naphthalene	2720	330	ug/kg	3330		82	45-120			
2-Nitroaniline	3160	330	ug/kg	3330		95	55-130			
3-Nitroaniline	2610	330	ug/kg	3330		78	40-140			
4-Nitroaniline	3350	830	ug/kg	3330		101	40-160			
Nitrobenzene	2740	330	ug/kg	3330		82	45-120			
2-Nitrophenol	2920	330	ug/kg	3330		88	50-120			
4-Nitrophenol	3330	830	ug/kg	3330		100	45-135			
n-Nitrosodiphenylamine	3090	330	ug/kg	3330		93	55-120			
n-Nitroso-di-n-propylamine	2670	250	ug/kg	3330		80	45-120			
Pentachlorophenol	3530	830	ug/kg	3330		106	50-120			
Phenanthrene	3090	330	ug/kg	3330		93	55-120			
Phenol	2520	330	ug/kg	3330		76	45-120			
Pyrene	3040	330	ug/kg	3330		91	50-120			
1,2,4-Trichlorobenzene	2690	330	ug/kg	3330		81	45-120			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
LCS Analyzed: 05/12/04 (4E07038-BS1)										
2,4,5-Trichlorophenol	3150	330	ug/kg	3330		95	55-120			
2,4,6-Trichlorophenol	3210	330	ug/kg	3330		96	55-120			
1,2-Diphenylhydrazine/Azobenzene	3490	330	ug/kg	3330		105	60-120			
Surrogate: 2-Fluorophenol	5000		ug/kg	6670		75	25-120			
Surrogate: Phenol-d6	5320		ug/kg	6670		80	30-120			
Surrogate: 2,4,6-Tribromophenol	6780		ug/kg	6670		102	35-120			
Surrogate: Nitrobenzene-d5	2720		ug/kg	3330		82	30-120			
Surrogate: 2-Fluorobiphenyl	2690		ug/kg	3330		81	35-120			
Surrogate: Terphenyl-d14	3250		ug/kg	3330		98	35-155			
Matrix Spike Analyzed: 05/11/04 (4E07038-MS1)										
Source: INE0234-22										
Acenaphthene	3070	330	ug/kg	3330	ND	92	45-120			
Acenaphthylene	3660	330	ug/kg	3330	ND	110	45-120			
Aniline	1930	420	ug/kg	3330	ND	58	30-120			
Anthracene	3710	330	ug/kg	3330	ND	111	55-120			
Benzidine	ND	660	ug/kg	3330	ND		10-180			M2
Benzoic acid	2220	830	ug/kg	3330	ND	67	20-125			
Benzo(a)anthracene	3570	330	ug/kg	3330	ND	107	55-120			
Benzo(b)fluoranthene	2900	330	ug/kg	3330	ND	87	65-120			
Benzo(k)fluoranthene	2580	330	ug/kg	3330	ND	77	55-120			
Benzo(g,h,i)perylene	2910	330	ug/kg	3330	ND	87	25-160			
Benzo(a)pyrene	2860	330	ug/kg	3330	ND	86	60-120			
Benzyl alcohol	1960	330	ug/kg	3330	ND	59	40-130			
Bis(2-chloroethoxy)methane	2730	330	ug/kg	3330	ND	82	45-120			
Bis(2-chloroethyl)ether	2700	170	ug/kg	3330	ND	81	40-120			
Bis(2-chloroisopropyl)ether	2460	330	ug/kg	3330	ND	74	40-120			
Bis(2-ethylhexyl)phthalate	3650	330	ug/kg	3330	ND	110	60-135			
4-Bromophenyl phenyl ether	3230	330	ug/kg	3330	ND	97	50-125			
Butyl benzyl phthalate	3480	330	ug/kg	3330	ND	105	55-150			
4-Chloroaniline	1970	330	ug/kg	3330	ND	59	20-120			
2-Chloronaphthalene	2850	330	ug/kg	3330	ND	86	55-120			
4-Chloro-3-methylphenol	3320	330	ug/kg	3330	ND	100	45-125			
2-Chlorophenol	2710	330	ug/kg	3330	ND	81	40-120			
4-Chlorophenyl phenyl ether	3630	330	ug/kg	3330	ND	109	55-120			
Chrysene	3400	330	ug/kg	3330	ND	102	60-120			
Dibenz(a,h)anthracene	3060	420	ug/kg	3330	ND	92	25-160			

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
Matrix Spike Analyzed: 05/11/04 (4E07038-MS1)					Source: INE0234-22					
Dibenzofuran	2920	330	ug/kg	3330	ND	88	55-120			
Di-n-butyl phthalate	4150	330	ug/kg	3330	ND	125	60-120			MI
1,3-Dichlorobenzene	2120	330	ug/kg	3330	ND	64	35-120			
1,4-Dichlorobenzene	2340	330	ug/kg	3330	ND	70	40-120			
1,2-Dichlorobenzene	2450	330	ug/kg	3330	ND	74	40-120			
3,3-Dichlorobenzidine	2870	830	ug/kg	3330	ND	86	20-170			
2,4-Dichlorophenol	2880	330	ug/kg	3330	ND	86	40-120			
Diethyl phthalate	3480	330	ug/kg	3330	ND	105	55-120			
2,4-Dimethylphenol	2770	330	ug/kg	3330	ND	83	35-120			
Dimethyl phthalate	3710	330	ug/kg	3330	ND	111	50-120			
4,6-Dinitro-2-methylphenol	2860	420	ug/kg	3330	ND	86	40-120			
2,4-Dinitrophenol	2310	420	ug/kg	3330	ND	69	20-140			
2,4-Dinitrotoluene	3520	330	ug/kg	3330	ND	106	55-140			
2,6-Dinitrotoluene	3370	330	ug/kg	3330	ND	101	55-125			
Di-n-octyl phthalate	3970	330	ug/kg	3330	ND	119	45-140			
Fluoranthene	3600	330	ug/kg	3330	ND	108	45-130			
Fluorene	3370	330	ug/kg	3330	ND	101	55-120			
Hexachlorobenzene	3170	330	ug/kg	3330	ND	95	35-120			
Hexachlorobutadiene	2680	330	ug/kg	3330	ND	80	40-120			
Hexachlorocyclopentadiene	1920	830	ug/kg	3330	ND	58	30-145			
Hexachloroethane	2270	330	ug/kg	3330	ND	68	40-120			
Indeno(1,2,3-cd)pyrene	3020	330	ug/kg	3330	ND	91	25-150			
Isophorone	2720	330	ug/kg	3330	ND	82	40-120			
2-Methylnaphthalene	3140	330	ug/kg	3330	ND	94	40-120			
2-Methylphenol	2850	330	ug/kg	3330	ND	86	40-120			
4-Methylphenol	2970	330	ug/kg	3330	ND	89	40-120			
Naphthalene	3240	330	ug/kg	3330	ND	97	40-120			
2-Nitroaniline	3260	330	ug/kg	3330	ND	98	55-130			
3-Nitroaniline	2780	330	ug/kg	3330	ND	83	40-140			
4-Nitroaniline	3190	830	ug/kg	3330	ND	96	40-160			
Nitrobenzene	2640	330	ug/kg	3330	ND	79	45-120			
2-Nitrophenol	2770	330	ug/kg	3330	ND	83	40-120			
4-Nitrophenol	3010	830	ug/kg	3330	ND	90	35-135			
n-Nitrosodiphenylamine	2980	330	ug/kg	3330	ND	89	55-120			
n-Nitroso-di-n-propylamine	2740	250	ug/kg	3330	ND	82	40-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Table with columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Data Qualifiers. Includes sections for Matrix Spike Analyzed and Matrix Spike Dup Analyzed.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/11/04 (4E07038-MSD1)					Source: INE0234-22					
4-Chloro-3-methylphenol	3690	330	ug/kg	3330	ND	111	45-125	11	20	
2-Chlorophenol	3060	330	ug/kg	3330	ND	92	40-120	12	20	
4-Chlorophenyl phenyl ether	3970	330	ug/kg	3330	ND	119	55-120	9	20	
Chrysene	3650	330	ug/kg	3330	ND	110	60-120	7	20	
Dibenz(a,h)anthracene	3110	420	ug/kg	3330	ND	93	25-160	2	25	
Dibenzofuran	3320	330	ug/kg	3330	ND	100	55-120	13	20	
Di-n-butyl phthalate	4110	330	ug/kg	3330	ND	123	60-120	1	20	MI
1,3-Dichlorobenzene	2960	330	ug/kg	3330	ND	89	35-120	33	25	R
1,4-Dichlorobenzene	3010	330	ug/kg	3330	ND	90	40-120	25	25	
1,2-Dichlorobenzene	3120	330	ug/kg	3330	ND	94	40-120	24	20	R
3,3-Dichlorobenzidine	2690	830	ug/kg	3330	ND	81	20-170	6	25	
2,4-Dichlorophenol	3400	330	ug/kg	3330	ND	102	40-120	17	20	
Diethyl phthalate	3890	330	ug/kg	3330	ND	117	55-120	11	20	
2,4-Dimethylphenol	3040	330	ug/kg	3330	ND	91	35-120	9	25	
Dimethyl phthalate	4040	330	ug/kg	3330	ND	121	50-120	9	20	MI
4,6-Dinitro-2-methylphenol	3020	420	ug/kg	3330	ND	91	40-120	5	20	
2,4-Dinitrophenol	2490	420	ug/kg	3330	ND	75	20-140	8	25	
2,4-Dinitrotoluene	3700	330	ug/kg	3330	ND	111	55-140	5	20	
2,6-Dinitrotoluene	3700	330	ug/kg	3330	ND	111	55-125	9	20	
Di-n-octyl phthalate	4210	330	ug/kg	3330	ND	126	45-140	6	20	
Fluoranthene	3850	330	ug/kg	3330	ND	116	45-130	7	20	
Fluorene	3840	330	ug/kg	3330	ND	115	55-120	13	20	
Hexachlorobenzene	3500	330	ug/kg	3330	ND	105	35-120	10	25	
Hexachlorobutadiene	3360	330	ug/kg	3330	ND	101	40-120	23	20	R
Hexachlorocyclopentadiene	2390	830	ug/kg	3330	ND	72	30-145	22	30	
Hexachloroethane	2940	330	ug/kg	3330	ND	88	40-120	26	20	R
Indeno(1,2,3-cd)pyrene	3090	330	ug/kg	3330	ND	93	25-150	2	25	
Isophorone	3090	330	ug/kg	3330	ND	93	40-120	13	20	
2-Methylnaphthalene	3690	330	ug/kg	3330	ND	111	40-120	16	20	
2-Methylphenol	3340	330	ug/kg	3330	ND	100	40-120	16	20	
4-Methylphenol	3210	330	ug/kg	3330	ND	96	40-120	8	20	
Naphthalene	4020	330	ug/kg	3330	ND	121	40-120	21	20	MI, R-3
2-Nitroaniline	3540	330	ug/kg	3330	ND	106	55-130	8	20	
3-Nitroaniline	2690	330	ug/kg	3330	ND	81	40-140	3	25	
4-Nitroaniline	3520	830	ug/kg	3330	ND	106	40-160	10	20	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07038 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/11/04 (4E07038-MSD1)					Source: INE0234-22					
Nitrobenzene	3240	330	ug/kg	3330	ND	97	45-120	20	20	
2-Nitrophenol	3420	330	ug/kg	3330	ND	103	40-120	21	20	R
4-Nitrophenol	3010	830	ug/kg	3330	ND	90	35-135	0	25	
n-Nitrosodiphenylamine	3260	330	ug/kg	3330	ND	98	55-120	9	20	
n-Nitroso-di-n-propylamine	3140	250	ug/kg	3330	ND	94	40-120	14	20	
Pentachlorophenol	3610	830	ug/kg	3330	ND	108	40-120	4	20	
Phenanthrene	3920	330	ug/kg	3330	ND	118	55-120	4	20	
Phenol	3290	330	ug/kg	3330	ND	99	40-120	12	20	
Pyrene	4350	330	ug/kg	3330	ND	131	50-120	7	20	MI
1,2,4-Trichlorobenzene	3270	330	ug/kg	3330	ND	98	45-120	23	20	R
2,4,5-Trichlorophenol	3580	330	ug/kg	3330	ND	108	55-120	10	20	
2,4,6-Trichlorophenol	3320	330	ug/kg	3330	ND	100	40-120	8	20	
1,2-Diphenylhydrazine/Azobenzene	3530	330	ug/kg	3330	ND	106	60-120	6	20	
Surrogate: 2-Fluorophenol	5540		ug/kg	6670		83	25-120			
Surrogate: Phenol-d6	6460		ug/kg	6670		97	30-120			
Surrogate: 2,4,6-Tribromophenol	7120		ug/kg	6670		107	35-120			
Surrogate: Nitrobenzene-d5	3190		ug/kg	3330		96	30-120			
Surrogate: 2-Fluorobiphenyl	3490		ug/kg	3330		105	35-120			
Surrogate: Terphenyl-d14	3900		ug/kg	3330		117	35-155			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05064 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05064-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 05/05/04 (4E05064-BS1)										
Antimony	50.3	10	mg/kg	50.0		101	80-120			
Arsenic	47.9	2.0	mg/kg	50.0		96	80-120			
Barium	50.4	1.0	mg/kg	50.0		101	80-120			
Beryllium	49.1	0.50	mg/kg	50.0		98	80-120			
Cadmium	47.6	0.50	mg/kg	50.0		95	80-120			
Chromium	49.6	1.0	mg/kg	50.0		99	80-120			
Cobalt	49.5	1.0	mg/kg	50.0		99	80-120			
Copper	48.6	2.0	mg/kg	50.0		97	80-120			
Lead	48.2	2.0	mg/kg	50.0		96	80-120			
Molybdenum	49.6	2.0	mg/kg	50.0		99	80-120			
Nickel	50.2	2.0	mg/kg	50.0		100	80-120			
Selenium	47.1	2.0	mg/kg	50.0		94	80-120			
Silver	26.0	1.0	mg/kg	25.0		104	80-120			
Thallium	47.6	10	mg/kg	50.0		95	80-120			
Vanadium	50.0	1.0	mg/kg	50.0		100	80-120			
Zinc	46.2	5.0	mg/kg	50.0		92	80-120			

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E05064 Extracted: 05/05/04										
Matrix Spike Analyzed: 05/05/04 (4E05064-MS1)					Source: INE0143-04					
Antimony	18.1	10	mg/kg	50.0	ND	36	75-125			M2
Arsenic	50.4	2.0	mg/kg	50.0	4.1	93	75-125			
Barium	125	1.0	mg/kg	50.0	81	88	75-125			
Beryllium	47.0	0.50	mg/kg	50.0	ND	94	75-125			
Cadmium	46.7	0.50	mg/kg	50.0	1.5	90	75-125			
Chromium	72.3	1.0	mg/kg	50.0	17	111	75-125			
Cobalt	52.7	1.0	mg/kg	50.0	6.7	92	75-125			
Copper	60.4	2.0	mg/kg	50.0	11	99	75-125			
Lead	60.2	2.0	mg/kg	50.0	14	92	75-125			
Molybdenum	46.3	2.0	mg/kg	50.0	ND	93	75-125			
Nickel	57.1	2.0	mg/kg	50.0	10	94	75-125			
Selenium	45.2	2.0	mg/kg	50.0	ND	90	75-125			
Silver	40.9	1.0	mg/kg	25.0	3.9	148	75-125			M1
Thallium	35.7	10	mg/kg	50.0	ND	71	75-125			M2
Vanadium	79.4	1.0	mg/kg	50.0	31	97	75-125			
Zinc	149	5.0	mg/kg	50.0	94	110	75-125			
Matrix Spike Dup Analyzed: 05/05/04 (4E05064-MSD1)					Source: INE0143-04					
Antimony	17.0	10	mg/kg	50.0	ND	34	75-125	6	20	M2
Arsenic	48.8	2.0	mg/kg	50.0	4.1	89	75-125	3	20	
Barium	122	1.0	mg/kg	50.0	81	82	75-125	2	20	
Beryllium	45.2	0.50	mg/kg	50.0	ND	90	75-125	4	20	
Cadmium	45.0	0.50	mg/kg	50.0	1.5	87	75-125	4	20	
Chromium	62.8	1.0	mg/kg	50.0	17	92	75-125	14	20	
Cobalt	51.4	1.0	mg/kg	50.0	6.7	89	75-125	2	20	
Copper	58.5	2.0	mg/kg	50.0	11	95	75-125	3	20	
Lead	59.2	2.0	mg/kg	50.0	14	90	75-125	2	20	
Molybdenum	45.0	2.0	mg/kg	50.0	ND	90	75-125	3	20	
Nickel	55.8	2.0	mg/kg	50.0	10	92	75-125	2	20	
Selenium	43.9	2.0	mg/kg	50.0	ND	88	75-125	3	20	
Silver	27.7	1.0	mg/kg	25.0	3.9	95	75-125	38	20	R-3
Thallium	34.3	10	mg/kg	50.0	ND	69	75-125	4	20	M2
Vanadium	76.6	1.0	mg/kg	50.0	31	91	75-125	4	20	
Zinc	142	5.0	mg/kg	50.0	94	96	75-125	5	20	

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METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E11076 Extracted: 05/11/04										
Blank Analyzed: 05/11/04 (4E11076-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 05/11/04 (4E11076-BS1)										
Mercury	0.815	0.020	mg/kg	0.800		102	85-120			
Matrix Spike Analyzed: 05/11/04 (4E11076-MS1)										
Mercury	0.821	0.020	mg/kg	0.800	0.038	98	65-135			
Matrix Spike Dup Analyzed: 05/11/04 (4E11076-MSD1)										
Mercury	0.854	0.020	mg/kg	0.800	0.038	102	65-135	4	20	

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INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E05069 Extracted: 05/05/04										
Blank Analyzed: 05/05/04 (4E05069-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 05/05/04 (4E05069-BS1)										
Chromium VI	4.61	0.20	mg/kg	5.00		92	65-110			
Matrix Spike Analyzed: 05/05/04 (4E05069-MS1)										
Chromium VI	0.0393	0.20	mg/kg	5.00	ND	1	55-110			M2
Matrix Spike Dup Analyzed: 05/05/04 (4E05069-MSD1)										
Chromium VI	ND	0.20	mg/kg	5.00	ND		55-110		20	M2
Batch: 4E05079 Extracted: 05/05/04										
Duplicate Analyzed: 05/05/04 (4E05079-DUP1)										
pH	8.36	NA	pH Units		8.35			0	5	
Batch: 4E10046 Extracted: 05/10/04										
Duplicate Analyzed: 05/10/04 (4E10046-DUP1)										
Ignitability	Ignitable	NA	N/A		1.0			0	200	SB
Duplicate Analyzed: 05/10/04 (4E10046-DUP2)										
Ignitability	Ignitable	NA	N/A		1.0			0	200	SB
Batch: 4E10055 Extracted: 05/10/04										
Blank Analyzed: 05/10/04 (4E10055-BLK1)										
Oil & Grease	ND	5.0	mg/kg							

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INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E10055 Extracted: 05/10/04										
LCS Analyzed: 05/10/04 (4E10055-BS1)										
Oil & Grease	15.9	5.0	mg/kg	20.0		80	55-130			
LCS Dup Analyzed: 05/10/04 (4E10055-BSD1)										
Oil & Grease	16.6	5.0	mg/kg	20.0		83	55-130	4	20	
Matrix Spike Analyzed: 05/10/04 (4E10055-MS1)										
Oil & Grease	1110	50	mg/kg	20.0	1000	550	35-130			M-HA
Matrix Spike Dup Analyzed: 05/10/04 (4E10055-MSD1)										
Oil & Grease	947	50	mg/kg	20.0	1000	-265	35-130	16	25	M-HA

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METHOD BLANK/QC DATA

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07021 Extracted: 05/07/04										
Blank Analyzed: 05/12/04 (4E07021-BLK1)										
Aldrin	ND	1.0	ug/kg							C-06
alpha-BHC	ND	1.0	ug/kg							
beta-BHC	ND	1.0	ug/kg							
delta-BHC	ND	1.0	ug/kg							
gamma-BHC (Lindane)	ND	1.0	ug/kg							
Chlordane (tech)	ND	20	ug/kg							
4,4'-DDD	ND	6.0	ug/kg							
4,4'-DDE	ND	2.0	ug/kg							
4,4'-DDT	ND	6.0	ug/kg							
Dieldrin	ND	2.0	ug/kg							
Endosulfan I	ND	2.0	ug/kg							
Endosulfan II	ND	2.0	ug/kg							
Endosulfan sulfate	ND	6.0	ug/kg							
Endrin	ND	2.0	ug/kg							
Endrin aldehyde	ND	6.0	ug/kg							
Endrin ketone	ND	6.0	ug/kg							
Heptachlor	ND	1.0	ug/kg							
Heptachlor epoxide	ND	1.0	ug/kg							
Methoxychlor	ND	20	ug/kg							
Toxaphene	ND	80	ug/kg							
Surrogate: Tetrachloro-m-xylene	13.8		ug/kg	16.7		83	66-116			
Surrogate: Decachlorobiphenyl	29.2		ug/kg	33.3		88	42-153			
LCS Analyzed: 05/12/04 (4E07021-BS1)										
Aldrin	2.76	1.0	ug/kg	3.33		83	58-112			C-06
alpha-BHC	2.40	1.0	ug/kg	3.33		72	66-107			
beta-BHC	2.69	1.0	ug/kg	3.33		81	53-131			
delta-BHC	4.13	1.0	ug/kg	3.33		124	62-126			
gamma-BHC (Lindane)	2.99	1.0	ug/kg	3.33		90	46-123			
4,4'-DDD	15.1	6.0	ug/kg	20.0		76	57-131			
4,4'-DDE	4.45	2.0	ug/kg	6.67		67	62-113			
4,4'-DDT	13.0	6.0	ug/kg	20.0		65	36-146			
Dieldrin	4.72	2.0	ug/kg	6.67		71	62-119			
Endosulfan I	4.20	2.0	ug/kg	6.67		63	56-109			
Endosulfan II	5.71	2.0	ug/kg	6.67		86	53-125			
Endosulfan sulfate	15.7	6.0	ug/kg	20.0		79	61-141			

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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4E07021 Extracted: 05/07/04										
LCS Analyzed: 05/12/04 (4E07021-BS1)										
Endrin	5.10	2.0	ug/kg	6.67		77	63-119			C-06
Endrin aldehyde	16.8	6.0	ug/kg	20.0		84	53-132			
Endrin ketone	18.8	6.0	ug/kg	20.0		94	51-144			
Heptachlor	3.25	1.0	ug/kg	3.33		98	56-121			
Heptachlor epoxide	2.43	1.0	ug/kg	3.33		73	66-115			
Methoxychlor	10.2	20	ug/kg	13.3		77	17-165			
Surrogate: Tetrachloro-m-xylene	9.76		ug/kg	13.3		73	66-116			
Surrogate: Decachlorobiphenyl	24.2		ug/kg	26.7		91	42-153			
Matrix Spike Analyzed: 05/12/04 (4E07021-MS1)										
Source: MNE0149-01										
Aldrin	3.11	1.0	ug/kg	3.33	0.87	67	58-112			C-06, QM04
alpha-BHC	9.12	1.0	ug/kg	3.33	ND	274	66-107			
beta-BHC	7.14	1.0	ug/kg	3.33	ND	214	53-131			
delta-BHC	17.0	1.0	ug/kg	3.33	ND	511	62-126			
gamma-BHC (Lindane)	3.21	1.0	ug/kg	3.33	0.67	76	46-123			
4,4'-DDD	6.58	6.0	ug/kg	20.0	ND	33	57-131			
4,4'-DDE	22.2	2.0	ug/kg	6.67	ND	333	62-113			
4,4'-DDT	24.0	6.0	ug/kg	20.0	7.4	83	36-146			
Dieldrin	13.3	2.0	ug/kg	6.67	7.9	81	62-119			
Endosulfan I	8.67	2.0	ug/kg	6.67	ND	130	56-109			
Endosulfan II	5.83	2.0	ug/kg	6.67	1.5	65	53-125			
Endosulfan sulfate	2.61	6.0	ug/kg	20.0	3.5	-4	61-141			
Endrin	7.41	2.0	ug/kg	6.67	ND	111	63-119			
Endrin aldehyde	9.62	6.0	ug/kg	20.0	2.4	36	53-132			
Endrin ketone	13.0	6.0	ug/kg	20.0	ND	65	51-144			
Heptachlor	3.53	1.0	ug/kg	3.33	ND	106	56-121			
Heptachlor epoxide	3.93	1.0	ug/kg	3.33	2.1	55	66-115			
Methoxychlor	5.55	20	ug/kg	13.3	2.8	21	17-165			
Surrogate: Tetrachloro-m-xylene	22.6		ug/kg	13.3		170	66-116			S07
Surrogate: Decachlorobiphenyl	0.00		ug/kg	26.7			42-153			S07

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager

Geosyntec Consultants/Project Navigator - Ascon
 2100 Main Street, Suite 150
 Huntington Beach, CA 92648
 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

METHOD BLANK/QC DATA

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E07021 Extracted: 05/07/04										
Matrix Spike Dup Analyzed: 05/12/04 (4E07021-MSD1)					Source: MNE0149-01					C-06, QM04
Aldrin	3.38	1.0	ug/kg	3.33	0.87	75	58-112	8	20	
alpha-BHC	9.96	1.0	ug/kg	3.33	ND	299	66-107	9	20	
beta-BHC	2.85	1.0	ug/kg	3.33	ND	86	53-131	86	20	
delta-BHC	46.0	1.0	ug/kg	3.33	ND	1380	62-126	92	20	
gamma-BHC (Lindane)	1.94	1.0	ug/kg	3.33	0.67	38	46-123	49	20	
4,4'-DDD	17.1	6.0	ug/kg	20.0	ND	86	57-131	89	20	
4,4'-DDE	12.4	2.0	ug/kg	6.67	ND	186	62-113	57	20	
4,4'-DDT	20.9	6.0	ug/kg	20.0	7.4	68	36-146	14	20	
Dieldrin	11.4	2.0	ug/kg	6.67	7.9	53	62-119	15	20	
Endosulfan I	8.50	2.0	ug/kg	6.67	ND	127	56-109	2	20	
Endosulfan II	9.92	2.0	ug/kg	6.67	1.5	126	53-125	52	20	
Endosulfan sulfate	5.65	6.0	ug/kg	20.0	3.5	11	61-141	74	20	
Endrin	6.53	2.0	ug/kg	6.67	ND	98	63-119	13	20	
Endrin aldehyde	6.74	6.0	ug/kg	20.0	2.4	22	53-132	35	20	
Endrin ketone	12.3	6.0	ug/kg	20.0	ND	62	51-144	6	20	
Heptachlor	3.07	1.0	ug/kg	3.33	ND	92	56-121	14	20	
Heptachlor epoxide	3.82	1.0	ug/kg	3.33	2.1	52	66-115	3	20	
Methoxychlor	2.27	20	ug/kg	13.3	2.8	-4	17-165	84	20	
Surrogate: Tetrachloro-m-xylene	13.3		ug/kg	13.3		100	66-116			S07
Surrogate: Decachlorobiphenyl	0.00		ug/kg	26.7			42-153			S07

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager

Geosyntec Consultants/Project Navigator - Ascon
 2100 Main Street, Suite 150
 Huntington Beach, CA 92648
 Attention: Mike Reardon

 Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0119

 Sampled: 05/03/04-05/04/04
 Received: 05/04/04

METHOD BLANK/QC DATA
Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 4E07024 Extracted: 05/07/04										
Blank Analyzed: 05/11/04 (4E07024-BLK1)										
PCB-1016	ND	20	ug/kg							
PCB-1221	ND	80	ug/kg							
PCB-1232	ND	20	ug/kg							
PCB-1242	ND	20	ug/kg							
PCB-1248	ND	20	ug/kg							
PCB-1254	ND	20	ug/kg							
PCB-1260	ND	20	ug/kg							
PCB-1268	ND	20	ug/kg							
Surrogate: Tetrachloro-m-xylene	20.1		ug/kg	16.7		120	23-151			
Surrogate: Decachlorobiphenyl	35.3		ug/kg	33.3		106	26-142			
LCS Analyzed: 05/11/04 (4E07024-BS1)										
PCB-1260	105	20	ug/kg	83.3		126	47-126			
Surrogate: Tetrachloro-m-xylene	22.1		ug/kg	16.7		132	23-151			
Surrogate: Decachlorobiphenyl	41.8		ug/kg	33.3		126	26-142			
Matrix Spike Analyzed: 05/11/04 (4E07024-MS1)					Source: MNE0124-08					
PCB-1260	104	20	ug/kg	83.3	59	54	47-126			
Surrogate: Tetrachloro-m-xylene	16.2		ug/kg	16.7		97	23-151			
Surrogate: Decachlorobiphenyl	43.8		ug/kg	33.3		132	26-142			
Matrix Spike Dup Analyzed: 05/11/04 (4E07024-MSD1)					Source: MNE0124-08					
PCB-1260	105	20	ug/kg	83.3	59	55	47-126	1	37	
Surrogate: Tetrachloro-m-xylene	14.6		ug/kg	16.7		87	23-151			
Surrogate: Decachlorobiphenyl	46.6		ug/kg	33.3		140	26-142			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0119

Sampled: 05/03/04-05/04/04
Received: 05/04/04

DATA QUALIFIERS AND DEFINITIONS

- C-06** To reduce matrix interference, the sample extract has undergone TBA (sulfur) clean-up, method 3660B.
- I** Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
- M1** The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M2** The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- M-HA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
- QM04** The spike recovery was above control limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- R** The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- R-05** The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
- R-3** The RPD exceeded the method control limit due to sample matrix effects.
- RL-2** Reporting limit raised due to high concentrations of hydrocarbons.
- S07** The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- SB** Sustained burning when exposed to open flame.
- Z** Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
- Z3** The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



Geosyntec Consultants/Project Navigator - Ascon
 2100 Main Street, Suite 150
 Huntington Beach, CA 92648
 Attention: Mike Reardon

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INE0119

Sampled: 05/03/04-05/04/04
 Received: 05/04/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 413.2 MOD.	Soil	N/A	N/A
EPA 418.1	Soil	X	X
EPA 6010B	Soil	X	X
EPA 7199	Soil	X	X
EPA 7471A	Soil	X	X
EPA 8015B MOD.	Soil	N/A	N/A
EPA 8260B	Soil	X	X
EPA 8260B	Soil-extr	X	X
EPA 8270C	Soil	X	X
EPA 9045C	Soil	X	X
SW846 7.1.2	Soil		
SW846 7.3.2.1	Soil		X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Subcontracted Laboratories

Calscience-SUB CA ELAP Cert #1230

7440 Lincoln Way - Garden Grove, CA 92841

Analysis Performed: Organic Lead
 Samples: INE0119-01, INE0119-04

Sequoia Analytical, Morgan Hill CA ELAP Cert #1210 and AZ DHS Licence #01117CA

885 Jarvis Drive - Morgan Hill, CA 95037

Method Performed: EPA 8081A
 Samples: INE0119-01, INE0119-04

Method Performed: EPA 8082
 Samples: INE0119-01, INE0119-04

Del Mar Analytical, Irvine

Amanda Cordova
 Project Manager



SUBCONTRACT ORDER - PROJECT # INE0119

SENDING LABORATORY:
 Del Mar Analytical, Irvine
 2852 Alton Parkway
 Irvine, CA 92606
 Phone: (949) 261-1022
 Fax: (949) 261-1228
 Project Manager: Amanda Cordova

RECEIVING LABORATORY:
 Calscience-SUB
 7440 Lincoln Way
 Garden Grove, CA 92841
 Phone :714-895-5494
 Fax: 714-894-7501

Work Order Comments: Please charge \$80 for 8081-Pesticides and \$70 for 8082-PCBs. Prices include cleanup fees.

Standard TAT is requested unless specific due date is requested => Due Date: _____ **Initials:** _____

Analysis	Expiration	Comments
Sample ID: INE0119-01 Soil Organic Lead	Sampled: 05/03/04 08:41 05/17/04 08:41	Composite of 3 Sub to Calscience
Containers Supplied: 2 oz jar (INE0119-01D) 2 oz jar (INE0119-01E) 2 oz jar (INE0119-01F)		

Sample ID: INE0119-04 Soil Organic Lead	Sampled: 05/03/04 12:30 05/17/04 12:30	Composite of 4 Sub to Calscience
Containers Supplied: 2 oz jar (INE0119-04E) 2 oz jar (INE0119-04F) 2 oz jar (INE0119-04G) 2 oz jar (INE0119-04H)		

SAMPLE INTEGRITY:

All containers intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Sample labels/COC agree: <input type="checkbox"/> Yes <input type="checkbox"/> No	Samples Received On Ice:: <input type="checkbox"/> Yes <input type="checkbox"/> No
Custody Seals Present: <input type="checkbox"/> Yes <input type="checkbox"/> No	Samples Preserved Properly: <input type="checkbox"/> Yes <input type="checkbox"/> No	Samples Received at (temp): _____

[Signature] 5/15/04

Released By	Date	Time	Received By	Date	Time
Released By	Date	Time	Received By	Date	Time



2852 Alton Ave., Irvine, CA 92626 Ph (949) 261-1022 Fax (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 Ph (909) 370-4667 Fax (909) 370-1046
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-9596 Fax (619) 505-9689
 9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 785-0043 Fax (480) 785-0851
 2520 E. Sunset Rd., Suite #3, Las Vegas, NV 89120 Ph (702) 798-3620 Fax (702) 798-3621

SUBCONTRACT ORDER - PROJECT # INE0119

SENDING LABORATORY:

Del Mar Analytical, Irvine
 2852 Alton Parkway
 Irvine, CA 92606
 Phone: (949) 261-1022
 Fax: (949) 261-1228
 Project Manager: Amanda Cordova

RECEIVING LABORATORY:

Sequoia Analytical-Morgan Hill
 885 Jarvis Drive
 Morgan Hill, CA 95037
 Phone : (408) 776-9600
 Fax: (408) 782-6308

Work Order Comments: Please charge \$80 for 8081-Pesticides and \$70 for 8082-PCBs. Prices include cleanup fees.

Standard TAT is requested unless specific due date is requested => Due Date: _____ **Initials:** _____

Analysis	Expiration	Comments
Sample ID: INE0119-01 Soil	Sampled: 05/03/04 08:41	Composite of 3
8081A - Pesticides	05/17/04 08:41	Sub to Seq-MH
8082 - PCBs	05/17/04 08:41	Sub to Seq-MH

Containers Supplied:
 4 oz Jar (INE0119-01G)
 4 oz Jar (INE0119-01H)
 4 oz Jar (INE0119-01I)

Sample ID: INE0119-04 Soil	Sampled: 05/03/04 12:30	Composite of 4
8081A - Pesticides	05/17/04 12:30	Sub to Seq-MH
8082 - PCBs	05/17/04 12:30	Sub to Seq-MH

Containers Supplied:
 4 oz Jar (INE0119-04I)
 4 oz Jar (INE0119-04J)
 4 oz Jar (INE0119-04K)
 4 oz Jar (INE0119-04L)

SAMPLE INTEGRITY:

All containers intact: Yes No Sample labels/COC agree: Yes No Samples Received On Ice:: Yes No
 Custody Seals Present: Yes No Samples Preserved Properly: Yes No Samples Received at (temp): _____

[Signature] 5/5/04
 Released By _____ Date _____ Time _____ Received By _____ Date _____ Time _____

Released By _____ Date _____ Time _____ Received By _____ Date _____ Time _____



2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-6596 FAX (858) 505-9689
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

Client Name/Address:		P.O. #:		ANALYSIS REQUIRED	
Geo Syntec Consultants 2100 Main St. Suite 150 Huntington Beach, CA 92648		SB0202/31 Project: Ascen LF Pilot Study No.3		See List 8260	
Project Manager/Phone Number: Mike Reardon		Phone Number: (714) 969-0800			
Sampler: Daygu Takat		Fax Number: (714) 969-0820			
Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation
PNL-4-22	Soil	SSring	1	5/4 0835	NA
PNL-4-24	Soil	SSring	1	5/4 0840	NA
PNL-4-27	Soil	SSring	1	5/4 0841	NA
PNL-4-21.5	Soil	Encore	3	5/4 0830	NA
PNL-4-24.5	Soil	Encore	3	5/4 0840	NA
PNL-11-9	Soil	SSring	1	5/4 12:10	NA
PNL-11-12	Soil	SSring	1	5/4 12:30	NA
PNL-11-12.5-EC	Soil	Encore	3	5/4 12:30	NA
PNL-11-15.5-EC	Soil	Encore	3	5/4 12:40	NA
PNL-11-15	Soil	SSring	1	5/4 1240	NA
PNL-11-21.5	Soil	SSring	1	5/4 12:00	NA
PNL-11-22-EC	Soil	Encore	3	5/4 1300	NA
PNL-10-6-EC	Soil	Encore	3	5/4 14:45	NA
PNL-10-9.5-EC	Soil	Encore	3	5/4 1455	NA
PNL-10-12-EC	Soil	Encore	3	5/4 1300	NA
Relinquished By Daygu Takat	Date/Time: 4/5/04 17:00	Received By (Signature)	Date/Time: 5/4/04 1700		
Relinquished By (Signature)	Date/Time: 5/4/04 1736	Received By (Signature)	Date/Time: 5/4/04 17:36		
Relinquished By (Signature)	Date/Time: 5/4/04 17:36	Received By (Signature)	Date/Time: 5/4/04 17:36		
			Special Instructions] composite as PNL-4] Composite as PNL-11] Composite as PNL-11		
			Turnaround Time: (check) Same Day _____ 72 Hours _____ 24 Hours _____ 5 days _____ 48 hours _____ normal _____ Sample Integrity: (Check) Intact <input checked="" type="checkbox"/> On Ice: <input checked="" type="checkbox"/> 4°C		



May 13, 2004

Geosyntec Consultants/Project Navigator - Ascon
2100 Main Street, Suite 150
Huntington Beach, CA 92648

Attention: Mike Reardon


Subject: Ascon-Soils
Sampled: 05/03/04
Del Mar Analytical Report Number: INE0119

Dear Mr. Reardon:

Calscience Laboratories performed the Organic Lead Analysis by Method DHS LUFT for the project referenced above. Please use the following cross-reference table when reviewing your results.

Geosyntec ID	Del Mar – Irvine ID	Calscience ID
PNL-4	INE0119-01	04-05-0232-1
PNL-11	INE0119-04	04-05-0232-2

The final report from the subcontract laboratory is attached. Should you have any questions or comments please contact me at (949) 261-1022, extension 229.

Sincerely,
DEL MAR ANALYTICAL

Amanda Cordova
Project Manager

Enclosure

May 11, 2004

Amanda Cordova
Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606-5104

Subject: **Calscience Work Order No.: 04-05-0232**
Client Reference: INE0119

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/6/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

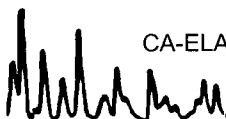
Sincerely,



Calscience Environmental
Laboratories, Inc.
Steven L. Lane
Laboratory Director



Michael J. Crisostomo
Quality Assurance Manager





Del Mar Analytical
 2852 Alton Parkway
 Irvine, CA 92606-5104

Date Received: 05/06/04
 Work Order No: 04-05-0232
 Preparation: DHS LUFT
 Method: DHS LUFT

Project: INE0119

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
INE0119-01	04-05-0232-1	05/03/04	Solid	05/11/04	05/11/04	040511L03

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

INE0119-04	04-05-0232-2	05/03/04	Solid	05/11/04	05/11/04	040511L03
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Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

Method Blank	099-10-020-195	N/A	Solid	05/11/04	05/11/04	040511L03
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Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Del Mar Analytical
 2852 Alton Parkway
 Irvine, CA 92606-5104

Date Received: 05/06/04
 Work Order No: 04-05-0232
 Preparation: DHS LUFT
 Method: DHS LUFT

Project: INE0119

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
04-05-0415-5	Solid	FLAA	05/11/04	05/11/04	040511S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	62	64	50-130	3	0-20	



Del Mar Analytical
 2852 Alton Parkway
 Irvine, CA 92606-5104

Date Received: N/A
 Work Order No: 04-05-0232
 Preparation: DHS LUFT
 Method: DHS LUFT

Project: INE0119

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-195	Solid	FLAA	05/11/04	NONE	040511L03

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Organic Lead	25.0	25.6	102	50-130	

Work Order Number: 04-05-0232

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Sample was analyzed past recommended holding time.
H	Sample analyzed past recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed on confirmation column.



Del Mar Analytical

0232

2852 Alton Ave., Irvine, CA 92626 Ph (949) 261-1022 Fax (949) 261-1228
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 Ph (909) 370-4667 Fax (909) 370-1046
 9484 Chesapeake Drive, Suite 805, San Diego, CA 92123 Ph (619) 505-9596 Fax (619) 505-9689
 9830 South 51st Street, Suite B-120, Phoenix, AZ 85044 Ph (480) 785-0043 Fax (480) 785-0851
 2520 E. Sunset Rd., Suite #3, Las Vegas, NV 89120 Ph (702) 798-3620 Fax (702) 798-3621

SUBCONTRACT ORDER - PROJECT # INE0119

SENDING LABORATORY:
 Del Mar Analytical, Irvine
 2852 Alton Parkway
 Irvine, CA 92606
 Phone: (949) 261-1022
 Fax: (949) 261-1228
 Project Manager: Amanda Cordova

RECEIVING LABORATORY:
 Calscience-SUB
 7440 Lincoln Way
 Garden Grove, CA 92841
 Phone :714-895-5494
 Fax: 714-894-7501

Work Order Comments: Please charge \$80 for 8081-Pesticides and \$70 for 8082-PCBs. Prices include cleanup fees.

Standard TAT is requested unless specific due date is requested => Due Date: _____ **Initials:** _____

Analysis	Expiration	Comments
Sample ID: INE0119-01 Soil Organic Lead	Sampled: 05/03/04 08:41 05/17/04 08:41	Composite of 3 Sub to Calscience
Containers Supplied: 2 oz jar (INE0119-01D) 2 oz jar (INE0119-01E) 2 oz jar (INE0119-01F)		

Sample ID: INE0119-04 Soil Organic Lead	Sampled: 05/03/04 12:30 05/17/04 12:30	Composite of 4 Sub to Calscience
Containers Supplied: 2 oz jar (INE0119-04E) 2 oz jar (INE0119-04F) 2 oz jar (INE0119-04G) 2 oz jar (INE0119-04H)		

SAMPLE INTEGRITY:

All containers intact: Yes No Sample labels/COC agree: Yes No Samples Received On Ice: Yes No
 Custody Seals Present: Yes No Samples Preserved Properly: Yes No Samples Received at (temp): _____

Released By: <i>[Signature]</i>	Date: 5/5/04	Time:	Received By: <i>[Signature]</i>	Date: 5-6-04	Time: 915
Released By: <i>[Signature]</i>	Date: 5-6-04	Time: 1045	Received By: <i>[Signature]</i>	Date: 5-6-04	Time: 1045

SAMPLE RECEIPT FORM

CLIENT: DEL MAR

DATE: 5/6/04

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- 4.1 °C IR thermometer.
- Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): [Signature]

Initial: [Signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<u>[Signature]</u>		
Sample container label(s) consistent with custody papers.....	<u>[Signature]</u>	<u>[Signature]</u>	
Sample container(s) intact and good condition.....	<u>[Signature]</u>		
Correct containers for analyses requested.....	<u>[Signature]</u>		
Proper preservation noted on sample label(s).....			<u>[Signature]</u>
VOA vial(s) free of headspace.....			<u>[Signature]</u>
Tedlar bag(s) free of condensation.....			<u>[Signature]</u>

Initial: [Signature]

COMMENTS:

Received INE0119-01 D, E, F ^{container} ~~as~~ labeled as
INE0119-01 G, H, I

Received INE0119-04 E, F, G, H ^{container} labeled as
INE0119-04 I, J, K, L