



LABORATORY REPORT

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

Project: SB0202/31H

Sampled: 06/29/04
 Received: 06/29/04
 Issued: 07/14/04 10:00

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, 2 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 5°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: Complete final to provide results for all analyses requested.
 SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
INF1826-01	PNL-F3-15-EC	Soil
INF1826-02	PNL-F3-14.5	Soil
INF1826-03	PNL-F18-9.5	Soil
INF1826-04	PNL-F18-12	Soil
INF1826-05	PNL-F17-10	Soil
INF1826-06	PNL-F21-9.5	Soil
INF1826-07	PNL-F21-11.5	Soil
INF1826-08	PNL-F27-8.5	Soil

Reviewed By:

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Geosyntec Consultants/Project Navigator - Ascon
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Report Number: INF1826

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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: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4G01050	10	760	1	7/1/2004	7/1/2004	
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4G06081	15	3000	1	7/6/2004	7/6/2004	
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4G06081	15	210	1	7/6/2004	7/6/2004	
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4G06081	15	ND	1	7/6/2004	7/6/2004	
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4G06081	15	2200	1	7/6/2004	7/6/2004	
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4G06081	15	ND	1	7/6/2004	7/6/2004	
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4G06081	15	ND	1	7/6/2004	7/6/2004	

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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: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4G02053	1000	1100	200	7/2/2004	7/10/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4G02053	1000	6600	200	7/2/2004	7/10/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4G02053	1000	7800	200	7/2/2004	7/10/2004	
Surrogate: n-Octacosane (45-125%)				172 %				Z3
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4G02053	200	820	40	7/2/2004	7/11/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4G02053	200	6000	40	7/2/2004	7/11/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4G02053	200	6800	40	7/2/2004	7/11/2004	
Surrogate: n-Octacosane (45-125%)				60 %				Z3
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4G02053	100	ND	20	7/2/2004	7/10/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4G02053	100	780	20	7/2/2004	7/10/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4G02053	100	870	20	7/2/2004	7/10/2004	
Surrogate: n-Octacosane (45-125%)				105 %				Z3
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4G02054	5.0	ND	1	7/2/2004	7/7/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4G02054	5.0	ND	1	7/2/2004	7/7/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4G02054	5.0	ND	1	7/2/2004	7/7/2004	
Surrogate: n-Octacosane (45-125%)				79 %				
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4G02054	400	520	80	7/2/2004	7/11/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4G02054	400	4100	80	7/2/2004	7/11/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4G02054	400	4600	80	7/2/2004	7/11/2004	
Surrogate: n-Octacosane (45-125%)				31 %				Z3
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4G02054	5.0	ND	1	7/2/2004	7/7/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4G02054	5.0	ND	1	7/2/2004	7/7/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4G02054	5.0	ND	1	7/2/2004	7/7/2004	
Surrogate: n-Octacosane (45-125%)				100 %				

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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: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4G02054	10	ND	2	7/2/2004	7/11/2004	RL-1
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4G02054	10	ND	2	7/2/2004	7/11/2004	RL-1
EFH (C6 - C40)	EPA 8015B MOD.	4G02054	10	ND	2	7/2/2004	7/11/2004	RL-1
Surrogate: n-Octacosane (45-125%)				71 %				RL-1

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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: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G07003	20	660	10	7/7/2004	7/7/2004	
Bromobenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Bromochloromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Bromodichloromethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Bromoform	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Bromomethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
n-Butylbenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
sec-Butylbenzene	EPA 8260B	4G07003	50	580	10	7/7/2004	7/7/2004	
tert-Butylbenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Carbon tetrachloride	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Chlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Chloroethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Chloroform	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Chloromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
2-Chlorotoluene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
4-Chlorotoluene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Dibromochloromethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Dibromomethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dichlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,3-Dichlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,4-Dichlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Dichlorodifluoromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,1-Dichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,1-Dichloroethene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dichloropropane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,3-Dichloropropane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
2,2-Dichloropropane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,1-Dichloropropene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Ethylbenzene	EPA 8260B	4G07003	20	3000	10	7/7/2004	7/7/2004	
Hexachlorobutadiene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Isopropylbenzene	EPA 8260B	4G07003	20	120	10	7/7/2004	7/7/2004	
p-Isopropyltoluene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Methylene chloride	EPA 8260B	4G07003	200	ND	10	7/7/2004	7/7/2004	
Naphthalene	EPA 8260B	4G07003	50	1800	10	7/7/2004	7/7/2004	

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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: INF1826-02 (PNL-F3-14.5 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G07003	20	110	10	7/7/2004	7/7/2004	
Styrene	EPA 8260B	4G07003	20	2000	10	7/7/2004	7/7/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Tetrachloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Toluene	EPA 8260B	4G07003	20	420	10	7/7/2004	7/7/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,1,1-Trichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,1,2-Trichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Trichloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Trichlorofluoromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,2,3-Trichloropropane	EPA 8260B	4G07003	100	ND	10	7/7/2004	7/7/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G07003	20	21	10	7/7/2004	7/7/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Vinyl chloride	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
o-Xylene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
m,p-Xylenes	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				<i>109 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>113 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>116 %</i>				

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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: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Bromobenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Bromochloromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Bromodichloromethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Bromoform	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Bromomethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
n-Butylbenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
sec-Butylbenzene	EPA 8260B	4G07003	50	420	10	7/7/2004	7/7/2004	
tert-Butylbenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Carbon tetrachloride	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Chlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Chloroethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Chloroform	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Chloromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
2-Chlorotoluene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
4-Chlorotoluene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Dibromochloromethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Dibromomethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dichlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,3-Dichlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,4-Dichlorobenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Dichlorodifluoromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,1-Dichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,1-Dichloroethene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2-Dichloropropane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,3-Dichloropropane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
2,2-Dichloropropane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,1-Dichloropropene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Ethylbenzene	EPA 8260B	4G07003	20	530	10	7/7/2004	7/7/2004	
Hexachlorobutadiene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
Isopropylbenzene	EPA 8260B	4G07003	20	2800	10	7/7/2004	7/7/2004	
p-Isopropyltoluene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Methylene chloride	EPA 8260B	4G07003	200	ND	10	7/7/2004	7/7/2004	
Naphthalene	EPA 8260B	4G07003	50	750	10	7/7/2004	7/7/2004	

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G07003	20	130	10	7/7/2004	7/7/2004	
Styrene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Tetrachloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Toluene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,1,1-Trichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,1,2-Trichloroethane	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Trichloroethene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Trichlorofluoromethane	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
1,2,3-Trichloropropane	EPA 8260B	4G07003	100	ND	10	7/7/2004	7/7/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
Vinyl chloride	EPA 8260B	4G07003	50	ND	10	7/7/2004	7/7/2004	
o-Xylene	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
m,p-Xylenes	EPA 8260B	4G07003	20	ND	10	7/7/2004	7/7/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				<i>104 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>113 %</i>				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>112 %</i>				

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon
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 Attention: Mike Reardon

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Bromobenzene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Bromochloromethane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Bromodichloromethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Bromoform	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Bromomethane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
n-Butylbenzene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
sec-Butylbenzene	EPA 8260B	4G12012	250	810	100	7/12/2004	7/13/2004	
tert-Butylbenzene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Carbon tetrachloride	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Chlorobenzene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Chloroethane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Chloroform	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Chloromethane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
2-Chlorotoluene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
4-Chlorotoluene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Dibromochloromethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Dibromomethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,2-Dichlorobenzene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,3-Dichlorobenzene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,4-Dichlorobenzene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Dichlorodifluoromethane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
1,1-Dichloroethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,2-Dichloroethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,1-Dichloroethene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,2-Dichloropropane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,3-Dichloropropane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
2,2-Dichloropropane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,1-Dichloropropene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Ethylbenzene	EPA 8260B	4G12012	100	1400	100	7/12/2004	7/13/2004	
Hexachlorobutadiene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
Isopropylbenzene	EPA 8260B	4G12012	100	3400	100	7/12/2004	7/13/2004	M2
p-Isopropyltoluene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Methylene chloride	EPA 8260B	4G12012	1000	ND	100	7/12/2004	7/13/2004	
Naphthalene	EPA 8260B	4G12012	250	1700	100	7/12/2004	7/13/2004	

Del Mar Analytical, Irvine
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Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-04 (PNL-F18-12 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G12012	100	120	100	7/12/2004	7/13/2004	
Styrene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Tetrachloroethene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Toluene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
1,1,1-Trichloroethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,1,2-Trichloroethane	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Trichloroethene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Trichlorofluoromethane	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
1,2,3-Trichloropropane	EPA 8260B	4G12012	500	ND	100	7/12/2004	7/13/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
Vinyl chloride	EPA 8260B	4G12012	250	ND	100	7/12/2004	7/13/2004	
o-Xylene	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
m,p-Xylenes	EPA 8260B	4G12012	100	ND	100	7/12/2004	7/13/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				92 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				98 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				94 %				

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 Received: 06/29/04

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: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Bromobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromochloromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromodichloromethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Bromoform	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromomethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
n-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
sec-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
tert-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Carbon tetrachloride	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Chlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Chloroethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Chloroform	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Chloromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
2-Chlorotoluene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
4-Chlorotoluene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Dibromochloromethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Dibromomethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,4-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Dichlorodifluoromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloroethene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
2,2-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Ethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Hexachlorobutadiene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Isopropylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
p-Isopropyltoluene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Methylene chloride	EPA 8260B	4G08004	20	ND	1	7/8/2004	7/8/2004	
Naphthalene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	

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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-05 (PNL-F17-10 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Styrene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Tetrachloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Toluene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1,1-Trichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1,2-Trichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Trichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Trichlorofluoromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2,3-Trichloropropane	EPA 8260B	4G08004	10	ND	1	7/8/2004	7/8/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Vinyl chloride	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
o-Xylene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
m,p-Xylenes	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				95 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				104 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				106 %				

Del Mar Analytical, Irvine
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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Bromobenzene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Bromochloromethane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Bromodichloromethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Bromoform	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Bromomethane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
n-Butylbenzene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
sec-Butylbenzene	EPA 8260B	4G08013	2500	35000	1000	7/8/2004	7/9/2004	
tert-Butylbenzene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Carbon tetrachloride	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Chlorobenzene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Chloroethane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Chloroform	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Chloromethane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
2-Chlorotoluene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
4-Chlorotoluene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Dibromochloromethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Dibromomethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,2-Dichlorobenzene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,3-Dichlorobenzene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,4-Dichlorobenzene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Dichlorodifluoromethane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
1,1-Dichloroethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,2-Dichloroethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,1-Dichloroethene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,2-Dichloropropane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,3-Dichloropropane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
2,2-Dichloropropane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,1-Dichloropropene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Ethylbenzene	EPA 8260B	4G08013	1000	39000	1000	7/8/2004	7/9/2004	
Hexachlorobutadiene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
Isopropylbenzene	EPA 8260B	4G08013	1000	160000	1000	7/8/2004	7/9/2004	
p-Isopropyltoluene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Methylene chloride	EPA 8260B	4G08013	10000	ND	1000	7/8/2004	7/9/2004	
Naphthalene	EPA 8260B	4G08013	2500	24000	1000	7/8/2004	7/9/2004	

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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: INF1826-06 (PNL-F21-9.5 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G08013	1000	5400	1000	7/8/2004	7/9/2004	
Styrene	EPA 8260B	4G08013	1000	1400	1000	7/8/2004	7/9/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Tetrachloroethene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Toluene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
1,1,1-Trichloroethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,1,2-Trichloroethane	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Trichloroethene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Trichlorofluoromethane	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
1,2,3-Trichloropropane	EPA 8260B	4G08013	5000	ND	1000	7/8/2004	7/9/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Vinyl chloride	EPA 8260B	4G08013	2500	ND	1000	7/8/2004	7/9/2004	
o-Xylene	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
m,p-Xylenes	EPA 8260B	4G08013	1000	ND	1000	7/8/2004	7/9/2004	
Surrogate: Dibromofluoromethane (50-160%)				35 %				Z3
Surrogate: Toluene-d8 (60-160%)				41 %				Z3
Surrogate: 4-Bromofluorobenzene (60-150%)				42 %				Z3

Del Mar Analytical, Irvine
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Project ID: SB0202/31H

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Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Bromobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromochloromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromodichloromethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Bromoform	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromomethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
n-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
sec-Butylbenzene	EPA 8260B	4G08004	5.0	8.8	1	7/8/2004	7/8/2004	
tert-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Carbon tetrachloride	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Chlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Chloroethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Chloroform	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Chloromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
2-Chlorotoluene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
4-Chlorotoluene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Dibromochloromethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Dibromomethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,4-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Dichlorodifluoromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloroethene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
2,2-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Ethylbenzene	EPA 8260B	4G08004	2.0	3.1	1	7/8/2004	7/8/2004	
Hexachlorobutadiene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Isopropylbenzene	EPA 8260B	4G08004	2.0	11	1	7/8/2004	7/8/2004	
p-Isopropyltoluene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Methylene chloride	EPA 8260B	4G08004	20	ND	1	7/8/2004	7/8/2004	
Naphthalene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	

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Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-07 (PNL-F21-11.5 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Styrene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Tetrachloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Toluene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1,1-Trichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1,2-Trichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Trichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Trichlorofluoromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2,3-Trichloropropane	EPA 8260B	4G08004	10	ND	1	7/8/2004	7/8/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Vinyl chloride	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
o-Xylene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
m,p-Xylenes	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				98 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				105 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				106 %				

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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: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Bromobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromochloromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromodichloromethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Bromoform	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Bromomethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
n-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
sec-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
tert-Butylbenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Carbon tetrachloride	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Chlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Chloroethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Chloroform	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Chloromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
2-Chlorotoluene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
4-Chlorotoluene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Dibromochloromethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Dibromomethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,4-Dichlorobenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Dichlorodifluoromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloroethene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
2,2-Dichloropropane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Ethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Hexachlorobutadiene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
Isopropylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
p-Isopropyltoluene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Methylene chloride	EPA 8260B	4G08004	20	ND	1	7/8/2004	7/8/2004	
Naphthalene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	

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Sampled: 06/29/04
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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: INF1826-08 (PNL-F27-8.5 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Styrene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Tetrachloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Toluene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,1,1-Trichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,1,2-Trichloroethane	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Trichloroethene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Trichlorofluoromethane	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
1,2,3-Trichloropropane	EPA 8260B	4G08004	10	ND	1	7/8/2004	7/8/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
Vinyl chloride	EPA 8260B	4G08004	5.0	ND	1	7/8/2004	7/8/2004	
o-Xylene	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
m,p-Xylenes	EPA 8260B	4G08004	2.0	ND	1	7/8/2004	7/8/2004	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				102 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				105 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				105 %				

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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: INF1826-01 (PNL-F3-15-EC - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4G03014	100	1100	103	7/3/2004	7/5/2004	
Bromobenzene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Bromochloromethane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Bromodichloromethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Bromoform	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Bromomethane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
n-Butylbenzene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
sec-Butylbenzene	EPA 8260B	4G03014	250	2800	103	7/3/2004	7/5/2004	
tert-Butylbenzene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Carbon tetrachloride	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Chlorobenzene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Chloroethane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Chloroform	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Chloromethane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
2-Chlorotoluene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
4-Chlorotoluene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Dibromochloromethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Dibromomethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,2-Dichlorobenzene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,3-Dichlorobenzene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,4-Dichlorobenzene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Dichlorodifluoromethane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
1,1-Dichloroethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,2-Dichloroethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,1-Dichloroethene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
cis-1,2-Dichloroethene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
trans-1,2-Dichloroethene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,2-Dichloropropane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,3-Dichloropropane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
2,2-Dichloropropane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,1-Dichloropropene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
cis-1,3-Dichloropropene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
trans-1,3-Dichloropropene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Ethylbenzene	EPA 8260B	4G03014	100	6400	103	7/3/2004	7/5/2004	
Hexachlorobutadiene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
Isopropylbenzene	EPA 8260B	4G03014	100	390	103	7/3/2004	7/5/2004	
p-Isopropyltoluene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Methylene chloride	EPA 8260B	4G03014	1000	ND	103	7/3/2004	7/5/2004	
Naphthalene	EPA 8260B	4G03014	250	7900	103	7/3/2004	7/5/2004	

Del Mar Analytical, Irvine
 Kathleen A. Robb
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 Attention: Mike Reardon

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-01 (PNL-F3-15-EC - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4G03014	100	370	103	7/3/2004	7/5/2004	
Styrene	EPA 8260B	4G03014	100	3200	103	7/3/2004	7/5/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Tetrachloroethene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Toluene	EPA 8260B	4G03014	100	590	103	7/3/2004	7/5/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
1,1,1-Trichloroethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,1,2-Trichloroethane	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Trichloroethene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Trichlorofluoromethane	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
1,2,3-Trichloropropane	EPA 8260B	4G03014	500	ND	103	7/3/2004	7/5/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
Vinyl chloride	EPA 8260B	4G03014	250	ND	103	7/3/2004	7/5/2004	
o-Xylene	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
m,p-Xylenes	EPA 8260B	4G03014	100	ND	103	7/3/2004	7/5/2004	
<i>Surrogate: Dibromofluoromethane (50-160%)</i>				90 %				
<i>Surrogate: Toluene-d8 (60-160%)</i>				92 %				
<i>Surrogate: 4-Bromofluorobenzene (60-150%)</i>				95 %				

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Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Acenaphthylene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Aniline	EPA 8270C	4G07034	21000	ND	50	7/7/2004	7/9/2004	
Anthracene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Benzidine	EPA 8270C	4G07034	33000	ND	50	7/7/2004	7/9/2004	
Benzoic acid	EPA 8270C	4G07034	42000	ND	50	7/7/2004	7/9/2004	
Benzo(a)anthracene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Benzo(b)fluoranthene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Benzo(k)fluoranthene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Benzo(g,h,i)perylene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Benzo(a)pyrene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Benzyl alcohol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4G07034	8400	ND	50	7/7/2004	7/9/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Butyl benzyl phthalate	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4-Chloroaniline	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2-Chloronaphthalene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4-Chloro-3-methylphenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2-Chlorophenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Chrysene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Dibenz(a,h)anthracene	EPA 8270C	4G07034	21000	ND	50	7/7/2004	7/9/2004	
Dibenzofuran	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Di-n-butyl phthalate	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
1,3-Dichlorobenzene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
1,4-Dichlorobenzene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
1,2-Dichlorobenzene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
3,3-Dichlorobenzidine	EPA 8270C	4G07034	42000	ND	50	7/7/2004	7/9/2004	
2,4-Dichlorophenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Diethyl phthalate	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2,4-Dimethylphenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Dimethyl phthalate	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4G07034	21000	ND	50	7/7/2004	7/9/2004	
2,4-Dinitrophenol	EPA 8270C	4G07034	21000	ND	50	7/7/2004	7/9/2004	
2,4-Dinitrotoluene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2,6-Dinitrotoluene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Di-n-octyl phthalate	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Fluoranthene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	

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Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-02 (PNL-F3-14.5 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Hexachlorobenzene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Hexachlorobutadiene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Hexachlorocyclopentadiene	EPA 8270C	4G07034	42000	ND	50	7/7/2004	7/9/2004	
Hexachloroethane	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Isophorone	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2-Methylnaphthalene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2-Methylphenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4-Methylphenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Naphthalene	EPA 8270C	4G07034	17000	53000	50	7/7/2004	7/9/2004	
2-Nitroaniline	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
3-Nitroaniline	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4-Nitroaniline	EPA 8270C	4G07034	42000	ND	50	7/7/2004	7/9/2004	
Nitrobenzene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2-Nitrophenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
4-Nitrophenol	EPA 8270C	4G07034	42000	ND	50	7/7/2004	7/9/2004	
N-Nitrosodiphenylamine	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4G07034	12000	ND	50	7/7/2004	7/9/2004	
Pentachlorophenol	EPA 8270C	4G07034	42000	ND	50	7/7/2004	7/9/2004	
Phenanthrene	EPA 8270C	4G07034	17000	260000	50	7/7/2004	7/9/2004	
Phenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Pyrene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2,4,5-Trichlorophenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
2,4,6-Trichlorophenol	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4G07034	17000	ND	50	7/7/2004	7/9/2004	
Surrogate: 2-Fluorophenol (25-120%)				45 %				Z3
Surrogate: Phenol-d6 (30-120%)				21 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				16 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				58 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				*				Z3
Surrogate: Terphenyl-d14 (35-155%)				38 %				Z3

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Project ID: SB0202/31H

Report Number: INF1826

 Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Acenaphthylene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Aniline	EPA 8270C	4G07034	16000	ND	37.5	7/7/2004	7/9/2004	
Anthracene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Benzidine	EPA 8270C	4G07034	25000	ND	37.5	7/7/2004	7/9/2004	
Benzoic acid	EPA 8270C	4G07034	31000	ND	37.5	7/7/2004	7/9/2004	
Benzo(a)anthracene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Benzo(b)fluoranthene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Benzo(k)fluoranthene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Benzo(g,h,i)perylene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Benzo(a)pyrene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Benzyl alcohol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4G07034	6300	ND	37.5	7/7/2004	7/9/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Butyl benzyl phthalate	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4-Chloroaniline	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2-Chloronaphthalene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4-Chloro-3-methylphenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2-Chlorophenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Chrysene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Dibenz(a,h)anthracene	EPA 8270C	4G07034	16000	ND	37.5	7/7/2004	7/9/2004	
Dibenzofuran	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Di-n-butyl phthalate	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
1,3-Dichlorobenzene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
1,4-Dichlorobenzene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
1,2-Dichlorobenzene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
3,3-Dichlorobenzidine	EPA 8270C	4G07034	31000	ND	37.5	7/7/2004	7/9/2004	
2,4-Dichlorophenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Diethyl phthalate	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2,4-Dimethylphenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Dimethyl phthalate	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4G07034	16000	ND	37.5	7/7/2004	7/9/2004	
2,4-Dinitrophenol	EPA 8270C	4G07034	16000	ND	37.5	7/7/2004	7/9/2004	
2,4-Dinitrotoluene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2,6-Dinitrotoluene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Di-n-octyl phthalate	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Fluoranthene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	

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Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-03 (PNL-F18-9.5 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Hexachlorobenzene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Hexachlorobutadiene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Hexachlorocyclopentadiene	EPA 8270C	4G07034	31000	ND	37.5	7/7/2004	7/9/2004	
Hexachloroethane	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Isophorone	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2-Methylnaphthalene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2-Methylphenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4-Methylphenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Naphthalene	EPA 8270C	4G07034	12000	40000	37.5	7/7/2004	7/9/2004	
2-Nitroaniline	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
3-Nitroaniline	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4-Nitroaniline	EPA 8270C	4G07034	31000	ND	37.5	7/7/2004	7/9/2004	
Nitrobenzene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2-Nitrophenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
4-Nitrophenol	EPA 8270C	4G07034	31000	ND	37.5	7/7/2004	7/9/2004	
N-Nitrosodiphenylamine	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4G07034	9400	ND	37.5	7/7/2004	7/9/2004	
Pentachlorophenol	EPA 8270C	4G07034	31000	ND	37.5	7/7/2004	7/9/2004	
Phenanthrene	EPA 8270C	4G07034	12000	160000	37.5	7/7/2004	7/9/2004	
Phenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Pyrene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2,4,5-Trichlorophenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
2,4,6-Trichlorophenol	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4G07034	12000	ND	37.5	7/7/2004	7/9/2004	
Surrogate: 2-Fluorophenol (25-120%)				46 %				Z3
Surrogate: Phenol-d6 (30-120%)				44 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				30 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				66 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				*				Z3
Surrogate: Terphenyl-d14 (35-155%)				52 %				Z3

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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Acenaphthylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Aniline	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
Anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzidine	EPA 8270C	4G07034	660	ND	1	7/7/2004	7/8/2004	
Benzoic acid	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Benzo(a)anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(b)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(k)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(g,h,i)perylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(a)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzyl alcohol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4G07034	170	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Butyl benzyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chloroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Chloronaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chloro-3-methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Chlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Chrysene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Dibenz(a,h)anthracene	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
Dibenzofuran	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Di-n-butyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,3-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,4-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
3,3-Dichlorobenzidine	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
2,4-Dichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Diethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4-Dimethylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Dimethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
2,4-Dinitrophenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
2,4-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,6-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Di-n-octyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	

Del Mar Analytical, Irvine
 Kathleen A. Robb
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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-04 (PNL-F18-12 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorobutadiene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorocyclopentadiene	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Hexachloroethane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Isophorone	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Methylnaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Naphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
3-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Nitroaniline	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Nitrobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Nitrophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Nitrophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
N-Nitrosodiphenylamine	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4G07034	250	ND	1	7/7/2004	7/8/2004	
Pentachlorophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Phenanthrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Phenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4,5-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4,6-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Surrogate: 2-Fluorophenol (25-120%)				54 %				
Surrogate: Phenol-d6 (30-120%)				60 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				78 %				
Surrogate: Nitrobenzene-d5 (30-120%)				49 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				58 %				
Surrogate: Terphenyl-d14 (35-155%)				84 %				

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 Kathleen A. Robb
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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Acenaphthylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Aniline	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
Anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzidine	EPA 8270C	4G07034	660	ND	1	7/7/2004	7/8/2004	
Benzoic acid	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Benzo(a)anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(b)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(k)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(g,h,i)perylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(a)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzyl alcohol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4G07034	170	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Butyl benzyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chloroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Chloronaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chloro-3-methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Chlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Chrysene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Dibenz(a,h)anthracene	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
Dibenzofuran	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Di-n-butyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,3-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,4-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
3,3-Dichlorobenzidine	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
2,4-Dichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Diethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4-Dimethylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Dimethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
2,4-Dinitrophenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
2,4-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,6-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Di-n-octyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	

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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-05 (PNL-F17-10 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorobutadiene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorocyclopentadiene	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Hexachloroethane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Isophorone	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Methylnaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Naphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
3-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Nitroaniline	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Nitrobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Nitrophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Nitrophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
N-Nitrosodiphenylamine	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4G07034	250	ND	1	7/7/2004	7/8/2004	
Pentachlorophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Phenanthrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Phenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4,5-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4,6-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Surrogate: 2-Fluorophenol (25-120%)				53 %				
Surrogate: Phenol-d6 (30-120%)				64 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				82 %				
Surrogate: Nitrobenzene-d5 (30-120%)				55 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				66 %				
Surrogate: Terphenyl-d14 (35-155%)				80 %				

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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Acenaphthylene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Aniline	EPA 8270C	4G07034	42000	ND	100	7/7/2004	7/9/2004	
Anthracene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Benzidine	EPA 8270C	4G07034	66000	ND	100	7/7/2004	7/9/2004	
Benzoic acid	EPA 8270C	4G07034	83000	ND	100	7/7/2004	7/9/2004	
Benzo(a)anthracene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Benzo(b)fluoranthene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Benzo(k)fluoranthene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Benzo(g,h,i)perylene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Benzo(a)pyrene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Benzyl alcohol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4G07034	17000	ND	100	7/7/2004	7/9/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Butyl benzyl phthalate	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4-Chloroaniline	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2-Chloronaphthalene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4-Chloro-3-methylphenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2-Chlorophenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Chrysene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Dibenz(a,h)anthracene	EPA 8270C	4G07034	42000	ND	100	7/7/2004	7/9/2004	
Dibenzofuran	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Di-n-butyl phthalate	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
1,3-Dichlorobenzene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
1,4-Dichlorobenzene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
1,2-Dichlorobenzene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
3,3-Dichlorobenzidine	EPA 8270C	4G07034	83000	ND	100	7/7/2004	7/9/2004	
2,4-Dichlorophenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Diethyl phthalate	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2,4-Dimethylphenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Dimethyl phthalate	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4G07034	42000	ND	100	7/7/2004	7/9/2004	
2,4-Dinitrophenol	EPA 8270C	4G07034	42000	ND	100	7/7/2004	7/9/2004	
2,4-Dinitrotoluene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2,6-Dinitrotoluene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Di-n-octyl phthalate	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Fluoranthene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	

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 Received: 06/29/04

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: INF1826-06 (PNL-F21-9.5 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Hexachlorobenzene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Hexachlorobutadiene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Hexachlorocyclopentadiene	EPA 8270C	4G07034	83000	ND	100	7/7/2004	7/9/2004	
Hexachloroethane	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Isophorone	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2-Methylnaphthalene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2-Methylphenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4-Methylphenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Naphthalene	EPA 8270C	4G07034	33000	65000	100	7/7/2004	7/9/2004	
2-Nitroaniline	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
3-Nitroaniline	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4-Nitroaniline	EPA 8270C	4G07034	83000	ND	100	7/7/2004	7/9/2004	
Nitrobenzene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2-Nitrophenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
4-Nitrophenol	EPA 8270C	4G07034	83000	ND	100	7/7/2004	7/9/2004	
N-Nitrosodiphenylamine	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4G07034	25000	ND	100	7/7/2004	7/9/2004	
Pentachlorophenol	EPA 8270C	4G07034	83000	ND	100	7/7/2004	7/9/2004	
Phenanthrene	EPA 8270C	4G07034	33000	470000	100	7/7/2004	7/9/2004	
Phenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Pyrene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2,4,5-Trichlorophenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
2,4,6-Trichlorophenol	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4G07034	33000	ND	100	7/7/2004	7/9/2004	
Surrogate: 2-Fluorophenol (25-120%)				101 %				Z3
Surrogate: Phenol-d6 (30-120%)				75 %				Z3
Surrogate: 2,4,6-Tribromophenol (35-120%)				17 %				Z3
Surrogate: Nitrobenzene-d5 (30-120%)				122 %				Z3
Surrogate: 2-Fluorobiphenyl (35-120%)				*				Z3
Surrogate: Terphenyl-d14 (35-155%)				26 %				Z3

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



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

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Acenaphthylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Aniline	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
Anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzidine	EPA 8270C	4G07034	660	ND	1	7/7/2004	7/8/2004	
Benzoic acid	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Benzo(a)anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(b)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(k)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(g,h,i)perylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzo(a)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Benzyl alcohol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4G07034	170	ND	1	7/7/2004	7/8/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Butyl benzyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chloroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Chloronaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chloro-3-methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Chlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Chrysene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Dibenz(a,h)anthracene	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
Dibenzofuran	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Di-n-butyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,3-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,4-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
3,3-Dichlorobenzidine	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
2,4-Dichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Diethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4-Dimethylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Dimethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
2,4-Dinitrophenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/8/2004	
2,4-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,6-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Di-n-octyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	

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Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-07 (PNL-F21-11.5 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorobutadiene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Hexachlorocyclopentadiene	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Hexachloroethane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Isophorone	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Methylnaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Naphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
3-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Nitroaniline	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Nitrobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2-Nitrophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
4-Nitrophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
N-Nitrosodiphenylamine	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4G07034	250	ND	1	7/7/2004	7/8/2004	
Pentachlorophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/8/2004	
Phenanthrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Phenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4,5-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
2,4,6-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/8/2004	
Surrogate: 2-Fluorophenol (25-120%)				52 %				
Surrogate: Phenol-d6 (30-120%)				64 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				74 %				
Surrogate: Nitrobenzene-d5 (30-120%)				52 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				72 %				
Surrogate: Terphenyl-d14 (35-155%)				94 %				

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Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Acenaphthylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Aniline	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/9/2004	
Anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Benzidine	EPA 8270C	4G07034	660	ND	1	7/7/2004	7/9/2004	
Benzoic acid	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/9/2004	
Benzo(a)anthracene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Benzo(b)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Benzo(k)fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Benzo(g,h,i)perylene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Benzo(a)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Benzyl alcohol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4G07034	170	ND	1	7/7/2004	7/9/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Butyl benzyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4-Chloroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2-Chloronaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4-Chloro-3-methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2-Chlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Chrysene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Dibenz(a,h)anthracene	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/9/2004	
Dibenzofuran	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Di-n-butyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
1,3-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
1,4-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
1,2-Dichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
3,3-Dichlorobenzidine	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/9/2004	
2,4-Dichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Diethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2,4-Dimethylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Dimethyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/9/2004	
2,4-Dinitrophenol	EPA 8270C	4G07034	420	ND	1	7/7/2004	7/9/2004	
2,4-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2,6-Dinitrotoluene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Di-n-octyl phthalate	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Fluoranthene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	

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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: INF1826-08 (PNL-F27-8.5 - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Hexachlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Hexachlorobutadiene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Hexachlorocyclopentadiene	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/9/2004	
Hexachloroethane	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Isophorone	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2-Methylnaphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4-Methylphenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Naphthalene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
3-Nitroaniline	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4-Nitroaniline	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/9/2004	
Nitrobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2-Nitrophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
4-Nitrophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/9/2004	
N-Nitrosodiphenylamine	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
N-Nitroso-di-n-propylamine	EPA 8270C	4G07034	250	ND	1	7/7/2004	7/9/2004	
Pentachlorophenol	EPA 8270C	4G07034	830	ND	1	7/7/2004	7/9/2004	
Phenanthrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Phenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Pyrene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2,4,5-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
2,4,6-Trichlorophenol	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4G07034	330	ND	1	7/7/2004	7/9/2004	
Surrogate: 2-Fluorophenol (25-120%)				54 %				
Surrogate: Phenol-d6 (30-120%)				67 %				
Surrogate: 2,4,6-Tribromophenol (35-120%)				83 %				
Surrogate: Nitrobenzene-d5 (30-120%)				56 %				
Surrogate: 2-Fluorobiphenyl (35-120%)				76 %				
Surrogate: Terphenyl-d14 (35-155%)				76 %				

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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								RL-1
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
alpha-BHC	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
beta-BHC	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
delta-BHC	EPA 3545/8081A	4G06031	200	ND	20	7/6/2004	7/8/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Chlordane	EPA 3545/8081A	4G06031	1000	ND	20	7/6/2004	7/8/2004	
4,4'-DDD	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
4,4'-DDE	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
4,4'-DDT	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Dieldrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan I	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan II	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan sulfate	EPA 3545/8081A	4G06031	200	ND	20	7/6/2004	7/8/2004	
Endrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endrin aldehyde	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endrin ketone	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Heptachlor	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Heptachlor epoxide	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Methoxychlor	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Toxaphene	EPA 3545/8081A	4G06031	4000	ND	20	7/6/2004	7/8/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				41 %				Z3
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				1720 %				Z3

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								RL-1
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
alpha-BHC	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
beta-BHC	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
delta-BHC	EPA 3545/8081A	4G06031	200	ND	20	7/6/2004	7/8/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Chlordane	EPA 3545/8081A	4G06031	1000	ND	20	7/6/2004	7/8/2004	
4,4'-DDD	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
4,4'-DDE	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
4,4'-DDT	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Dieldrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan I	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan II	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan sulfate	EPA 3545/8081A	4G06031	200	ND	20	7/6/2004	7/8/2004	
Endrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endrin aldehyde	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endrin ketone	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Heptachlor	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Heptachlor epoxide	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Methoxychlor	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Toxaphene	EPA 3545/8081A	4G06031	4000	ND	20	7/6/2004	7/8/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				66 %				Z3
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				700 %				Z3

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
alpha-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
beta-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
delta-BHC	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/8/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Chlordane	EPA 3545/8081A	4G06031	50	ND	1	7/6/2004	7/8/2004	
4,4'-DDD	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
4,4'-DDE	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
4,4'-DDT	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Dieldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Endosulfan I	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Endosulfan II	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Endosulfan sulfate	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/8/2004	
Endrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Endrin aldehyde	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Endrin ketone	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Heptachlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Heptachlor epoxide	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Methoxychlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/8/2004	
Toxaphene	EPA 3545/8081A	4G06031	200	ND	1	7/6/2004	7/8/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				53 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				132 %				ZZ

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
alpha-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
beta-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
delta-BHC	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/7/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Chlordane	EPA 3545/8081A	4G06031	50	ND	1	7/6/2004	7/7/2004	
4,4'-DDD	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
4,4'-DDE	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
4,4'-DDT	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	C-2
Dieldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan I	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan II	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan sulfate	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/7/2004	
Endrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endrin aldehyde	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endrin ketone	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Heptachlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Heptachlor epoxide	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Methoxychlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	C-2
Toxaphene	EPA 3545/8081A	4G06031	200	ND	1	7/6/2004	7/7/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				61 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				78 %				

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								RL-1
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
alpha-BHC	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
beta-BHC	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
delta-BHC	EPA 3545/8081A	4G06031	200	ND	20	7/6/2004	7/8/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Chlordane	EPA 3545/8081A	4G06031	1000	ND	20	7/6/2004	7/8/2004	
4,4'-DDD	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
4,4'-DDE	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
4,4'-DDT	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Dieldrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan I	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan II	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endosulfan sulfate	EPA 3545/8081A	4G06031	200	ND	20	7/6/2004	7/8/2004	
Endrin	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endrin aldehyde	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Endrin ketone	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Heptachlor	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Heptachlor epoxide	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Methoxychlor	EPA 3545/8081A	4G06031	100	ND	20	7/6/2004	7/8/2004	
Toxaphene	EPA 3545/8081A	4G06031	4000	ND	20	7/6/2004	7/8/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				50 %				Z3
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				1500 %				Z3

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
alpha-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
beta-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
delta-BHC	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/7/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Chlordane	EPA 3545/8081A	4G06031	50	ND	1	7/6/2004	7/7/2004	
4,4'-DDD	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
4,4'-DDE	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
4,4'-DDT	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	C-2
Dieldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan I	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan II	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan sulfate	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/7/2004	
Endrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endrin aldehyde	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endrin ketone	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Heptachlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Heptachlor epoxide	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Methoxychlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	C-2
Toxaphene	EPA 3545/8081A	4G06031	200	ND	1	7/6/2004	7/7/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				55 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				76 %				

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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: ug/kg								
Aldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
alpha-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
beta-BHC	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
delta-BHC	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/7/2004	
gamma-BHC (Lindane)	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Chlordane	EPA 3545/8081A	4G06031	50	ND	1	7/6/2004	7/7/2004	
4,4'-DDD	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
4,4'-DDE	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
4,4'-DDT	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	C-2
Dieldrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan I	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan II	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endosulfan sulfate	EPA 3545/8081A	4G06031	10	ND	1	7/6/2004	7/7/2004	
Endrin	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endrin aldehyde	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Endrin ketone	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Heptachlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Heptachlor epoxide	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	
Methoxychlor	EPA 3545/8081A	4G06031	5.0	ND	1	7/6/2004	7/7/2004	C-2
Toxaphene	EPA 3545/8081A	4G06031	200	ND	1	7/6/2004	7/7/2004	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>				50 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				75 %				

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POLYCHLORINATED BIPHENYLS (EPA 8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								RL-1
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	
Aroclor 1221	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	
Aroclor 1232	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	
Aroclor 1242	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	
Aroclor 1248	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	
Aroclor 1254	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	
Aroclor 1260	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				127 %				Z3
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1221	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1232	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1242	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1248	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1254	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1260	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				86 %				
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1221	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1232	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1242	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1248	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1254	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1260	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				78 %				

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Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

POLYCHLORINATED BIPHENYLS (EPA 8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers	
Sample ID: INF1826-05 (PNL-F17-10 - Soil)									
Reporting Units: ug/kg									
Aroclor 1016	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1221	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1232	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1242	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1248	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1254	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1260	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Surrogate: Decachlorobiphenyl (45-120%)				79 %					
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)									
Reporting Units: ug/kg									
Aroclor 1016	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004	RL-1	
Aroclor 1221	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004		
Aroclor 1232	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004		
Aroclor 1242	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004		
Aroclor 1248	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004		
Aroclor 1254	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004		
Aroclor 1260	EPA 3545/8082	4G06031	500	ND	10	7/6/2004	7/8/2004		
Surrogate: Decachlorobiphenyl (45-120%)				150 %					Z3
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)									
Reporting Units: ug/kg									
Aroclor 1016	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1221	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1232	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1242	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1248	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1254	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Aroclor 1260	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004		
Surrogate: Decachlorobiphenyl (45-120%)				77 %					

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POLYCHLORINATED BIPHENYLS (EPA 8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1221	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1232	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1242	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1248	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1254	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
Aroclor 1260	EPA 3545/8082	4G06031	50	ND	1	7/6/2004	7/6/2004	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				77 %				

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Arsenic	EPA 6010B	4G01084	2.0	6.2	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01084	1.0	36	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01084	1.0	ND	2	7/1/2004	7/2/2004	RL-1
Cadmium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01084	1.0	20	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01084	1.0	6.0	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01084	2.0	18	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01084	2.0	7.6	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02070	0.020	0.029	1	7/2/2004	7/2/2004	
Molybdenum	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01084	2.0	12	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01084	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01084	1.0	35	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01084	5.0	51	1	7/1/2004	7/2/2004	

Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)

Reporting Units: mg/kg

Antimony	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Arsenic	EPA 6010B	4G01084	2.0	4.7	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01084	1.0	60	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Cadmium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01084	1.0	15	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01084	1.0	4.5	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01084	2.0	15	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01084	2.0	6.7	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02070	0.020	0.047	1	7/2/2004	7/2/2004	
Molybdenum	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01084	2.0	10	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01084	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01084	1.0	26	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01084	5.0	42	1	7/1/2004	7/2/2004	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Arsenic	EPA 6010B	4G01084	2.0	2.0	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01084	1.0	14	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Cadmium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01084	1.0	4.7	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01084	1.0	1.3	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01084	2.0	2.6	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02070	0.020	ND	1	7/2/2004	7/2/2004	
Molybdenum	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01084	2.0	2.7	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01084	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01084	1.0	8.2	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01084	5.0	12	1	7/1/2004	7/2/2004	

Sample ID: INF1826-05 (PNL-F17-10 - Soil)

Reporting Units: mg/kg

Antimony	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Arsenic	EPA 6010B	4G01084	2.0	2.6	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01084	1.0	13	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Cadmium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01084	1.0	5.6	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01084	1.0	1.3	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01084	2.0	2.5	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02070	0.020	ND	1	7/2/2004	7/2/2004	
Molybdenum	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01084	2.0	3.1	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01084	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01084	1.0	9.3	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01084	5.0	13	1	7/1/2004	7/2/2004	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Arsenic	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01084	1.0	20	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Cadmium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01084	1.0	7.2	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01084	1.0	2.3	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01084	2.0	6.3	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01084	2.0	2.6	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02070	0.020	ND	1	7/2/2004	7/2/2004	
Molybdenum	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01084	2.0	4.3	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01084	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01084	1.0	13	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01084	5.0	19	1	7/1/2004	7/2/2004	

Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)

Reporting Units: mg/kg

Antimony	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	M2
Arsenic	EPA 6010B	4G01084	2.0	2.5	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01084	1.0	17	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Cadmium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01084	1.0	7.3	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01084	1.0	1.8	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01084	2.0	3.4	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01084	2.0	2.1	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02051	0.020	0.059	1	7/2/2004	7/2/2004	
Molybdenum	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01084	2.0	4.2	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01084	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01084	1.0	13	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01084	5.0	17	1	7/1/2004	7/2/2004	

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METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Arsenic	EPA 6010B	4G01084	2.0	2.7	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01084	1.0	25	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Cadmium	EPA 6010B	4G01084	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01084	1.0	11	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01084	1.0	3.2	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01084	2.0	10	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01084	2.0	4.4	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02070	0.020	0.026	1	7/2/2004	7/2/2004	
Molybdenum	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01084	2.0	6.3	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01084	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01084	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01084	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01084	1.0	19	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01084	5.0	29	1	7/1/2004	7/2/2004	

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ORGANIC LEAD BY GFAA (HML 939-M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4G06084	25	ND	1	7/6/2004	7/7/2004	
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4G06084	25	ND	1	7/6/2004	7/7/2004	
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4G06084	25	ND	1	7/6/2004	7/7/2004	
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4G06084	25	ND	1	7/6/2004	7/7/2004	
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4G06084	25	ND	1	7/6/2004	7/7/2004	
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4G06084	25	ND	1	7/6/2004	7/7/2004	
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: ug/kg								
Organic Lead	HML 939-M	4G06084	25	ND	1	7/6/2004	7/7/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F30075	0.20	ND	1	6/30/2004	7/1/2004	
Oil & Grease	EPA 413.2 MOD.	4G01074	15	1600	3	7/1/2004	7/1/2004	
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4G07082	NA	Not Present	1	7/7/2004	7/7/2004	
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4G02047	NA	Not Ignitable	1	7/2/2004	7/2/2004	
Reactivity with water	SW846 7.3.2.1	4F30082	1.0	ND	1	6/30/2004	6/30/2004	
Sample ID: INF1826-02 (PNL-F3-14.5 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F30079	NA	8.00	1	6/30/2004	6/30/2004	
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F30075	0.20	ND	1	6/30/2004	7/1/2004	
Oil & Grease	EPA 413.2 MOD.	4G01074	15	180	3	7/1/2004	7/1/2004	
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4G07082	NA	Not Present	1	7/7/2004	7/7/2004	
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4G02047	NA	Not Ignitable	1	7/2/2004	7/2/2004	
Reactivity with water	SW846 7.3.2.1	4F30082	1.0	ND	1	6/30/2004	6/30/2004	
Sample ID: INF1826-03 (PNL-F18-9.5 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F30079	NA	8.28	1	6/30/2004	6/30/2004	
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F30075	0.20	ND	1	6/30/2004	7/1/2004	
Oil & Grease	EPA 413.2 MOD.	4G01074	15	ND	3	7/1/2004	7/1/2004	
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4G07082	NA	Not Present	1	7/7/2004	7/7/2004	
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4G02047	NA	Not Ignitable	1	7/2/2004	7/2/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: N/A								
Reactivity with water	SW846 7.3.2.1	4F30082	1.0	ND	1	6/30/2004	6/30/2004	
Sample ID: INF1826-04 (PNL-F18-12 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F30079	NA	8.45	1	6/30/2004	6/30/2004	
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F30075	0.20	ND	1	6/30/2004	7/1/2004	
Oil & Grease	EPA 413.2 MOD.	4G01074	15	ND	3	7/1/2004	7/1/2004	
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4G07082	NA	Not Present	1	7/7/2004	7/7/2004	
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4G02047	NA	Not Ignitable	1	7/2/2004	7/2/2004	
Reactivity with water	SW846 7.3.2.1	4F30082	1.0	ND	1	6/30/2004	6/30/2004	
Sample ID: INF1826-05 (PNL-F17-10 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F30079	NA	8.83	1	6/30/2004	6/30/2004	
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F30075	0.20	ND	1	6/30/2004	7/1/2004	
Oil & Grease	EPA 413.2 MOD.	4G01074	15	1300	3	7/1/2004	7/1/2004	
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4G07082	NA	Not Present	1	7/7/2004	7/7/2004	
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4G02047	NA	Not Ignitable	1	7/2/2004	7/2/2004	
Reactivity with water	SW846 7.3.2.1	4F30082	1.0	ND	1	6/30/2004	6/30/2004	
Sample ID: INF1826-06 (PNL-F21-9.5 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F30079	NA	8.55	1	6/30/2004	6/30/2004	

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INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F30075	0.20	ND	1	6/30/2004	7/1/2004	
Oil & Grease	EPA 413.2 MOD.	4G01074	15	ND	3	7/1/2004	7/1/2004	
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4G07082	NA	Not Present	1	7/7/2004	7/7/2004	
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4G02047	NA	Not Ignitable	1	7/2/2004	7/2/2004	
Reactivity with water	SW846 7.3.2.1	4F30082	1.0	ND	1	6/30/2004	6/30/2004	
Sample ID: INF1826-07 (PNL-F21-11.5 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F30079	NA	8.37	1	6/30/2004	6/30/2004	
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4F30075	0.20	ND	1	6/30/2004	7/1/2004	
Oil & Grease	EPA 413.2 MOD.	4G01074	15	ND	3	7/1/2004	7/1/2004	
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: ml								
Paint Filter Liquids Test	SW-846 9095A	4G07082	NA	Not Present	1	7/7/2004	7/7/2004	
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4G02047	NA	Not Ignitable	1	7/2/2004	7/2/2004	
Reactivity with water	SW846 7.3.2.1	4F30082	1.0	ND	1	6/30/2004	6/30/2004	
Sample ID: INF1826-08 (PNL-F27-8.5 - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4F30079	NA	8.29	1	6/30/2004	6/30/2004	

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SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: PNL-F3-14.5 (INF1826-02) - Soil EPA 9045C	1	06/29/2004 08:50	06/29/2004 17:22	06/30/2004 13:30	06/30/2004 14:30
Sample ID: PNL-F18-9.5 (INF1826-03) - Soil EPA 9045C	1	06/29/2004 11:15	06/29/2004 17:22	06/30/2004 13:30	06/30/2004 14:30
Sample ID: PNL-F18-12 (INF1826-04) - Soil EPA 9045C	1	06/29/2004 11:35	06/29/2004 17:22	06/30/2004 13:30	06/30/2004 14:30
Sample ID: PNL-F17-10 (INF1826-05) - Soil EPA 9045C	1	06/29/2004 13:10	06/29/2004 17:22	06/30/2004 13:30	06/30/2004 14:30
Sample ID: PNL-F21-9.5 (INF1826-06) - Soil EPA 9045C	1	06/29/2004 14:15	06/29/2004 17:22	06/30/2004 13:30	06/30/2004 14:30
Sample ID: PNL-F21-11.5 (INF1826-07) - Soil EPA 9045C	1	06/29/2004 14:25	06/29/2004 17:22	06/30/2004 13:30	06/30/2004 14:30
Sample ID: PNL-F27-8.5 (INF1826-08) - Soil EPA 9045C	1	06/29/2004 15:53	06/29/2004 17:22	06/30/2004 13:30	06/30/2004 14:30

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 Received: 06/29/04

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	RPD Limit	Data Qualifiers
Batch: 4G01050 Extracted: 07/01/04										
Blank Analyzed: 07/01/04 (4G01050-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 07/01/04 (4G01050-BS1)										
Total Recoverable Hydrocarbons	15.7	5.0	mg/kg	20.0		78	55-130			
Matrix Spike Analyzed: 07/01/04 (4G01050-MS1) Source: INF1722-18										
Total Recoverable Hydrocarbons	17.2	5.0	mg/kg	20.0	ND	86	35-130			
Matrix Spike Dup Analyzed: 07/01/04 (4G01050-MSD1) Source: INF1722-18										
Total Recoverable Hydrocarbons	18.1	5.0	mg/kg	20.0	ND	90	35-130	5	25	
Batch: 4G06081 Extracted: 07/06/04										
Blank Analyzed: 07/06/04 (4G06081-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 07/06/04 (4G06081-BS1)										
Total Recoverable Hydrocarbons	17.3	5.0	mg/kg	20.0		86	55-130			
Matrix Spike Analyzed: 07/06/04 (4G06081-MS1) Source: ING0166-01										
Total Recoverable Hydrocarbons	72.3	5.0	mg/kg	20.0	29	216	35-130			MI
Matrix Spike Dup Analyzed: 07/06/04 (4G06081-MSD1) Source: ING0166-01										
Total Recoverable Hydrocarbons	58.0	5.0	mg/kg	20.0	29	145	35-130	22	25	MI

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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: 4G02053 Extracted: 07/02/04										
Blank Analyzed: 07/08/04 (4G02053-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	4.83		mg/kg	6.67		72	45-125			
LCS Analyzed: 07/08/04 (4G02053-BS1)										
EFH (C6 - C40)	27.4	5.0	mg/kg	33.3		82	45-115			
Surrogate: n-Octacosane	5.33		mg/kg	6.67		80	45-125			
Matrix Spike Analyzed: 07/08/04 (4G02053-MS1) Source: INF1819-52										
EFH (C6 - C40)	33.9	5.0	mg/kg	33.3	7.3	80	35-125			
Surrogate: n-Octacosane	4.34		mg/kg	6.67		65	45-125			
Matrix Spike Dup Analyzed: 07/08/04 (4G02053-MSD1) Source: INF1819-52										
EFH (C6 - C40)	32.1	5.0	mg/kg	33.3	7.3	74	35-125	5	30	
Surrogate: n-Octacosane	4.73		mg/kg	6.67		71	45-125			
Batch: 4G02054 Extracted: 07/02/04										
Blank Analyzed: 07/07/04 (4G02054-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	4.73		mg/kg	6.67		71	45-125			
LCS Analyzed: 07/07/04 (4G02054-BS1)										
EFH (C6 - C40)	23.3	5.0	mg/kg	33.3		70	45-115			
Surrogate: n-Octacosane	4.40		mg/kg	6.67		66	45-125			

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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: 4G02054 Extracted: 07/02/04										
Matrix Spike Analyzed: 07/07/04 (4G02054-MS1)					Source: INF1831-01					
EFH (C6 - C40)	60.2	5.0	mg/kg	33.3	37	70	35-125			
Surrogate: n-Octacosane	3.45		mg/kg	6.67		52	45-125			
Matrix Spike Dup Analyzed: 07/07/04 (4G02054-MSD1)					Source: INF1831-01					
EFH (C6 - C40)	56.9	5.0	mg/kg	33.3	37	60	35-125	6	30	
Surrogate: n-Octacosane	3.72		mg/kg	6.67		56	45-125			

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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: 4G07003 Extracted: 07/07/04										
Blank Analyzed: 07/07/04 (4G07003-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 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G07003 Extracted: 07/07/04										
Blank Analyzed: 07/07/04 (4G07003-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	50.3		ug/kg	50.0		101	80-125			
Surrogate: Toluene-d8	55.3		ug/kg	50.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	56.3		ug/kg	50.0		113	80-120			

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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: 4G07003 Extracted: 07/07/04										
LCS Analyzed: 07/07/04 (4G07003-BS1)										
Benzene	41.9	2.0	ug/kg	50.0		84	70-120			
Bromobenzene	46.2	5.0	ug/kg	50.0		92	80-120			
Bromochloromethane	45.1	5.0	ug/kg	50.0		90	65-135			
Bromodichloromethane	49.5	2.0	ug/kg	50.0		99	70-140			
Bromoform	53.8	5.0	ug/kg	50.0		108	60-140			
Bromomethane	54.2	5.0	ug/kg	50.0		108	60-140			
n-Butylbenzene	45.0	5.0	ug/kg	50.0		90	75-130			
sec-Butylbenzene	43.1	5.0	ug/kg	50.0		86	75-125			
tert-Butylbenzene	46.2	5.0	ug/kg	50.0		92	80-125			
Carbon tetrachloride	55.6	5.0	ug/kg	50.0		111	70-140			
Chlorobenzene	45.9	2.0	ug/kg	50.0		92	80-125			
Chloroethane	42.3	5.0	ug/kg	50.0		85	55-145			
Chloroform	43.6	2.0	ug/kg	50.0		87	75-120			
Chloromethane	35.8	5.0	ug/kg	50.0		72	35-145			
2-Chlorotoluene	44.7	5.0	ug/kg	50.0		89	75-125			
4-Chlorotoluene	44.9	5.0	ug/kg	50.0		90	80-125			
Dibromochloromethane	52.3	2.0	ug/kg	50.0		105	65-145			
1,2-Dibromo-3-chloropropane	40.5	5.0	ug/kg	50.0		81	50-150			
1,2-Dibromoethane (EDB)	44.6	2.0	ug/kg	50.0		89	70-130			
Dibromomethane	46.9	2.0	ug/kg	50.0		94	70-130			
1,2-Dichlorobenzene	47.2	2.0	ug/kg	50.0		94	80-125			
1,3-Dichlorobenzene	44.3	2.0	ug/kg	50.0		89	80-120			
1,4-Dichlorobenzene	45.2	2.0	ug/kg	50.0		90	80-120			
Dichlorodifluoromethane	40.2	5.0	ug/kg	50.0		80	10-160			
1,1-Dichloroethane	41.7	2.0	ug/kg	50.0		83	70-135			
1,2-Dichloroethane	50.4	2.0	ug/kg	50.0		101	60-150			
1,1-Dichloroethene	42.9	5.0	ug/kg	50.0		86	75-130			
cis-1,2-Dichloroethene	41.3	2.0	ug/kg	50.0		83	70-125			
trans-1,2-Dichloroethene	41.5	2.0	ug/kg	50.0		83	70-130			
1,2-Dichloropropane	41.9	2.0	ug/kg	50.0		84	70-120			
1,3-Dichloropropane	44.5	2.0	ug/kg	50.0		89	70-130			
2,2-Dichloropropane	65.9	2.0	ug/kg	50.0		132	70-150			
1,1-Dichloropropene	47.4	2.0	ug/kg	50.0		95	75-130			
cis-1,3-Dichloropropene	45.9	2.0	ug/kg	50.0		92	75-130			
trans-1,3-Dichloropropene	47.8	2.0	ug/kg	50.0		96	70-135			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

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

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: 4G07003 Extracted: 07/07/04										
LCS Analyzed: 07/07/04 (4G07003-BS1)										
Ethylbenzene	48.8	2.0	ug/kg	50.0		98	75-125			
Hexachlorobutadiene	47.4	5.0	ug/kg	50.0		95	75-140			
Isopropylbenzene	43.5	2.0	ug/kg	50.0		87	75-125			
p-Isopropyltoluene	46.3	2.0	ug/kg	50.0		93	75-125			
Methylene chloride	40.6	20	ug/kg	50.0		81	60-135			
Naphthalene	43.4	5.0	ug/kg	50.0		87	50-145			
n-Propylbenzene	45.1	2.0	ug/kg	50.0		90	75-130			
Styrene	46.5	2.0	ug/kg	50.0		93	80-135			
1,1,1,2-Tetrachloroethane	50.6	5.0	ug/kg	50.0		101	70-145			
1,1,2,2-Tetrachloroethane	40.2	2.0	ug/kg	50.0		80	55-145			
Tetrachloroethene	49.5	2.0	ug/kg	50.0		99	80-125			
Toluene	45.4	2.0	ug/kg	50.0		91	75-120			
1,2,3-Trichlorobenzene	45.2	5.0	ug/kg	50.0		90	65-135			
1,2,4-Trichlorobenzene	47.4	5.0	ug/kg	50.0		95	70-140			
1,1,1-Trichloroethane	49.5	2.0	ug/kg	50.0		99	75-140			
1,1,2-Trichloroethane	41.1	2.0	ug/kg	50.0		82	65-130			
Trichloroethene	47.5	2.0	ug/kg	50.0		95	75-125			
Trichlorofluoromethane	50.3	5.0	ug/kg	50.0		101	50-145			
1,2,3-Trichloropropane	41.4	10	ug/kg	50.0		83	55-140			
1,2,4-Trimethylbenzene	43.0	2.0	ug/kg	50.0		86	75-125			
1,3,5-Trimethylbenzene	45.2	2.0	ug/kg	50.0		90	80-125			
Vinyl chloride	41.6	5.0	ug/kg	50.0		83	45-130			
o-Xylene	43.8	2.0	ug/kg	50.0		88	75-125			
m,p-Xylenes	89.6	2.0	ug/kg	100		90	75-125			
Surrogate: Dibromofluoromethane	51.6		ug/kg	50.0		103	80-125			
Surrogate: Toluene-d8	55.1		ug/kg	50.0		110	80-120			
Surrogate: 4-Bromofluorobenzene	56.3		ug/kg	50.0		113	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb
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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: 4G07003 Extracted: 07/07/04										
Matrix Spike Analyzed: 07/07/04 (4G07003-MS1)					Source: INF1740-01					
Benzene	43.8	2.0	ug/kg	50.0	0.60	86	65-130			
Bromobenzene	47.8	5.0	ug/kg	50.0	ND	96	70-130			
Bromochloromethane	47.3	5.0	ug/kg	50.0	ND	95	60-145			
Bromodichloromethane	49.3	2.0	ug/kg	50.0	ND	99	70-145			
Bromoform	55.5	5.0	ug/kg	50.0	ND	111	60-145			
Bromomethane	56.3	5.0	ug/kg	50.0	ND	113	50-150			
n-Butylbenzene	39.1	5.0	ug/kg	50.0	ND	78	60-140			
sec-Butylbenzene	41.1	5.0	ug/kg	50.0	ND	82	65-135			
tert-Butylbenzene	45.4	5.0	ug/kg	50.0	ND	91	70-130			
Carbon tetrachloride	55.3	5.0	ug/kg	50.0	ND	111	70-140			
Chlorobenzene	46.8	2.0	ug/kg	50.0	ND	94	80-130			
Chloroethane	44.3	5.0	ug/kg	50.0	ND	89	50-150			
Chloroform	45.8	2.0	ug/kg	50.0	ND	92	70-130			
Chloromethane	38.7	5.0	ug/kg	50.0	ND	77	30-150			
2-Chlorotoluene	46.9	5.0	ug/kg	50.0	ND	94	70-130			
4-Chlorotoluene	47.8	5.0	ug/kg	50.0	ND	96	65-135			
Dibromochloromethane	52.3	2.0	ug/kg	50.0	ND	105	65-145			
1,2-Dibromo-3-chloropropane	44.9	5.0	ug/kg	50.0	ND	90	50-150			
1,2-Dibromoethane (EDB)	47.7	2.0	ug/kg	50.0	ND	95	65-135			
Dibromomethane	49.5	2.0	ug/kg	50.0	ND	99	65-135			
1,2-Dichlorobenzene	43.0	2.0	ug/kg	50.0	ND	86	75-130			
1,3-Dichlorobenzene	43.0	2.0	ug/kg	50.0	ND	86	70-125			
1,4-Dichlorobenzene	45.7	2.0	ug/kg	50.0	ND	91	75-130			
Dichlorodifluoromethane	45.2	5.0	ug/kg	50.0	ND	90	10-200			
1,1-Dichloroethane	44.4	2.0	ug/kg	50.0	ND	89	70-135			
1,2-Dichloroethane	53.4	2.0	ug/kg	50.0	ND	107	60-150			
1,1-Dichloroethene	45.5	5.0	ug/kg	50.0	ND	91	75-140			
cis-1,2-Dichloroethene	42.5	2.0	ug/kg	50.0	ND	85	60-135			
trans-1,2-Dichloroethene	44.1	2.0	ug/kg	50.0	ND	88	65-135			
1,2-Dichloropropane	43.3	2.0	ug/kg	50.0	ND	87	65-125			
1,3-Dichloropropane	46.7	2.0	ug/kg	50.0	ND	93	65-135			
2,2-Dichloropropane	68.1	2.0	ug/kg	50.0	ND	136	60-150			
1,1-Dichloropropene	47.1	2.0	ug/kg	50.0	ND	94	60-140			
cis-1,3-Dichloropropene	46.1	2.0	ug/kg	50.0	ND	92	65-135			
trans-1,3-Dichloropropene	48.3	2.0	ug/kg	50.0	ND	97	65-140			

Del Mar Analytical, Irvine
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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: 4G07003 Extracted: 07/07/04										
Matrix Spike Analyzed: 07/07/04 (4G07003-MS1)					Source: INF1740-01					
Ethylbenzene	49.0	2.0	ug/kg	50.0	1.1	96	70-130			
Hexachlorobutadiene	29.9	5.0	ug/kg	50.0	ND	60	65-145			M2
Isopropylbenzene	46.7	2.0	ug/kg	50.0	ND	93	60-135			
p-Isopropyltoluene	42.8	2.0	ug/kg	50.0	ND	86	60-135			
Methylene chloride	45.0	20	ug/kg	50.0	ND	90	60-145			
Naphthalene	40.1	5.0	ug/kg	50.0	ND	80	40-160			
n-Propylbenzene	46.3	2.0	ug/kg	50.0	ND	93	60-140			
Styrene	44.9	2.0	ug/kg	50.0	ND	90	70-145			
1,1,1,2-Tetrachloroethane	51.9	5.0	ug/kg	50.0	ND	104	65-145			
1,1,2,2-Tetrachloroethane	39.8	2.0	ug/kg	50.0	ND	80	55-150			
Tetrachloroethene	49.7	2.0	ug/kg	50.0	ND	99	70-130			
Toluene	52.5	2.0	ug/kg	50.0	7.8	89	70-125			
1,2,3-Trichlorobenzene	34.4	5.0	ug/kg	50.0	ND	69	60-135			
1,2,4-Trichlorobenzene	37.0	5.0	ug/kg	50.0	ND	74	65-140			
1,1,1-Trichloroethane	52.1	2.0	ug/kg	50.0	ND	104	65-140			
1,1,2-Trichloroethane	44.3	2.0	ug/kg	50.0	ND	89	60-140			
Trichloroethene	51.7	2.0	ug/kg	50.0	ND	103	70-140			
Trichlorofluoromethane	51.9	5.0	ug/kg	50.0	ND	104	40-160			
1,2,3-Trichloropropane	47.3	10	ug/kg	50.0	ND	95	55-140			
1,2,4-Trimethylbenzene	44.4	2.0	ug/kg	50.0	ND	89	65-130			
1,3,5-Trimethylbenzene	45.5	2.0	ug/kg	50.0	ND	91	70-130			
Vinyl chloride	44.3	5.0	ug/kg	50.0	ND	89	45-130			
o-Xylene	44.8	2.0	ug/kg	50.0	1.1	87	70-125			
m,p-Xylenes	90.5	2.0	ug/kg	100	3.6	87	70-125			
Surrogate: Dibromofluoromethane	52.4		ug/kg	50.0		105	80-125			
Surrogate: Toluene-d8	56.5		ug/kg	50.0		113	80-120			
Surrogate: 4-Bromofluorobenzene	56.2		ug/kg	50.0		112	80-120			

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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: 4G07003 Extracted: 07/07/04										
Matrix Spike Dup Analyzed: 07/07/04 (4G07003-MSD1)					Source: INF1740-01					
Benzene	44.0	2.0	ug/kg	50.0	0.60	87	65-130	1	20	
Bromobenzene	49.6	5.0	ug/kg	50.0	ND	99	70-130	4	20	
Bromochloromethane	46.5	5.0	ug/kg	50.0	ND	93	60-145	2	25	
Bromodichloromethane	48.6	2.0	ug/kg	50.0	ND	97	70-145	1	20	
Bromoform	49.1	5.0	ug/kg	50.0	ND	98	60-145	12	25	
Bromomethane	55.1	5.0	ug/kg	50.0	ND	110	50-150	2	25	
n-Butylbenzene	43.5	5.0	ug/kg	50.0	ND	87	60-140	11	25	
sec-Butylbenzene	42.6	5.0	ug/kg	50.0	ND	85	65-135	4	20	
tert-Butylbenzene	51.3	5.0	ug/kg	50.0	ND	103	70-130	12	20	
Carbon tetrachloride	57.7	5.0	ug/kg	50.0	ND	115	70-140	4	20	
Chlorobenzene	46.6	2.0	ug/kg	50.0	ND	93	80-130	0	20	
Chloroethane	43.2	5.0	ug/kg	50.0	ND	86	50-150	3	30	
Chloroform	46.0	2.0	ug/kg	50.0	ND	92	70-130	0	20	
Chloromethane	36.4	5.0	ug/kg	50.0	ND	73	30-150	6	30	
2-Chlorotoluene	49.3	5.0	ug/kg	50.0	ND	99	70-130	5	20	
4-Chlorotoluene	50.2	5.0	ug/kg	50.0	ND	100	65-135	5	20	
Dibromochloromethane	51.9	2.0	ug/kg	50.0	ND	104	65-145	1	25	
1,2-Dibromo-3-chloropropane	40.4	5.0	ug/kg	50.0	ND	81	50-150	11	30	
1,2-Dibromoethane (EDB)	45.1	2.0	ug/kg	50.0	ND	90	65-135	6	20	
Dibromomethane	45.6	2.0	ug/kg	50.0	ND	91	65-135	8	20	
1,2-Dichlorobenzene	44.9	2.0	ug/kg	50.0	ND	90	75-130	4	20	
1,3-Dichlorobenzene	44.8	2.0	ug/kg	50.0	ND	90	70-125	4	20	
1,4-Dichlorobenzene	46.7	2.0	ug/kg	50.0	ND	93	75-130	2	20	
Dichlorodifluoromethane	43.2	5.0	ug/kg	50.0	ND	86	10-200	5	35	
1,1-Dichloroethane	44.9	2.0	ug/kg	50.0	ND	90	70-135	1	20	
1,2-Dichloroethane	51.3	2.0	ug/kg	50.0	ND	103	60-150	4	25	
1,1-Dichloroethene	45.8	5.0	ug/kg	50.0	ND	92	75-140	1	20	
cis-1,2-Dichloroethene	43.7	2.0	ug/kg	50.0	ND	87	60-135	3	20	
trans-1,2-Dichloroethene	45.0	2.0	ug/kg	50.0	ND	90	65-135	2	20	
1,2-Dichloropropane	41.5	2.0	ug/kg	50.0	ND	83	65-125	4	20	
1,3-Dichloropropane	45.5	2.0	ug/kg	50.0	ND	91	65-135	3	20	
2,2-Dichloropropane	69.3	2.0	ug/kg	50.0	ND	139	60-150	2	20	
1,1-Dichloropropene	48.2	2.0	ug/kg	50.0	ND	96	60-140	2	20	
cis-1,3-Dichloropropene	44.9	2.0	ug/kg	50.0	ND	90	65-135	3	20	
trans-1,3-Dichloropropene	45.4	2.0	ug/kg	50.0	ND	91	65-140	6	20	

Del Mar Analytical, Irvine
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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: 4G07003 Extracted: 07/07/04										
Matrix Spike Dup Analyzed: 07/07/04 (4G07003-MSD1)					Source: INF1740-01					
Ethylbenzene	49.9	2.0	ug/kg	50.0	1.1	98	70-130	2	20	
Hexachlorobutadiene	33.6	5.0	ug/kg	50.0	ND	67	65-145	12	20	
Isopropylbenzene	50.1	2.0	ug/kg	50.0	ND	100	60-135	7	25	
p-Isopropyltoluene	46.6	2.0	ug/kg	50.0	ND	93	60-135	9	20	
Methylene chloride	44.9	20	ug/kg	50.0	ND	90	60-145	0	25	
Naphthalene	36.2	5.0	ug/kg	50.0	ND	72	40-160	10	25	
n-Propylbenzene	49.8	2.0	ug/kg	50.0	ND	100	60-140	7	25	
Styrene	45.9	2.0	ug/kg	50.0	ND	92	70-145	2	20	
1,1,1,2-Tetrachloroethane	51.7	5.0	ug/kg	50.0	ND	103	65-145	0	20	
1,1,2,2-Tetrachloroethane	39.4	2.0	ug/kg	50.0	ND	79	55-150	1	25	
Tetrachloroethene	52.2	2.0	ug/kg	50.0	ND	104	70-130	5	20	
Toluene	52.3	2.0	ug/kg	50.0	7.8	89	70-125	0	20	
1,2,3-Trichlorobenzene	33.9	5.0	ug/kg	50.0	ND	68	60-135	1	20	
1,2,4-Trichlorobenzene	36.6	5.0	ug/kg	50.0	ND	73	65-140	1	25	
1,1,1-Trichloroethane	52.9	2.0	ug/kg	50.0	ND	106	65-140	2	20	
1,1,2-Trichloroethane	39.7	2.0	ug/kg	50.0	ND	79	60-140	11	20	
Trichloroethene	51.7	2.0	ug/kg	50.0	ND	103	70-140	0	20	
Trichlorofluoromethane	52.4	5.0	ug/kg	50.0	ND	105	40-160	1	30	
1,2,3-Trichloropropane	43.3	10	ug/kg	50.0	ND	87	55-140	9	25	
1,2,4-Trimethylbenzene	46.9	2.0	ug/kg	50.0	ND	94	65-130	5	20	
1,3,5-Trimethylbenzene	48.4	2.0	ug/kg	50.0	ND	97	70-130	6	20	
Vinyl chloride	45.1	5.0	ug/kg	50.0	ND	90	45-130	2	30	
o-Xylene	46.0	2.0	ug/kg	50.0	1.1	90	70-125	3	20	
m,p-Xylenes	93.0	2.0	ug/kg	100	3.6	89	70-125	3	20	
Surrogate: Dibromofluoromethane	53.1		ug/kg	50.0		106	80-125			
Surrogate: Toluene-d8	55.5		ug/kg	50.0		111	80-120			
Surrogate: 4-Bromofluorobenzene	52.5		ug/kg	50.0		105	80-120			

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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	RPD Limit	Data Qualifiers
Batch: 4G08004 Extracted: 07/08/04										
Blank Analyzed: 07/08/04 (4G08004-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 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G08004 Extracted: 07/08/04										
Blank Analyzed: 07/08/04 (4G08004-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	50.0		ug/kg	50.0		100	80-125			
Surrogate: Toluene-d8	51.8		ug/kg	50.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	52.8		ug/kg	50.0		106	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



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

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: 4G08004 Extracted: 07/08/04										
LCS Analyzed: 07/08/04 (4G08004-BS1)										
Benzene	46.9	2.0	ug/kg	50.0		94	70-120			
Bromobenzene	46.6	5.0	ug/kg	50.0		93	80-120			
Bromochloromethane	51.3	5.0	ug/kg	50.0		103	65-135			
Bromodichloromethane	49.5	2.0	ug/kg	50.0		99	70-140			
Bromoform	58.3	5.0	ug/kg	50.0		117	60-140			
Bromomethane	50.5	5.0	ug/kg	50.0		101	60-140			
n-Butylbenzene	44.2	5.0	ug/kg	50.0		88	75-130			
sec-Butylbenzene	44.8	5.0	ug/kg	50.0		90	75-125			
tert-Butylbenzene	45.9	5.0	ug/kg	50.0		92	80-125			
Carbon tetrachloride	51.0	5.0	ug/kg	50.0		102	70-140			
Chlorobenzene	49.2	2.0	ug/kg	50.0		98	80-125			
Chloroethane	46.6	5.0	ug/kg	50.0		93	55-145			
Chloroform	48.0	2.0	ug/kg	50.0		96	75-120			
Chloromethane	41.9	5.0	ug/kg	50.0		84	35-145			
2-Chlorotoluene	44.5	5.0	ug/kg	50.0		89	75-125			
4-Chlorotoluene	44.8	5.0	ug/kg	50.0		90	80-125			
Dibromochloromethane	52.0	2.0	ug/kg	50.0		104	65-145			
1,2-Dibromo-3-chloropropane	46.5	5.0	ug/kg	50.0		93	50-150			
1,2-Dibromoethane (EDB)	53.1	2.0	ug/kg	50.0		106	70-130			
Dibromomethane	50.4	2.0	ug/kg	50.0		101	70-130			
1,2-Dichlorobenzene	46.0	2.0	ug/kg	50.0		92	80-125			
1,3-Dichlorobenzene	44.8	2.0	ug/kg	50.0		90	80-120			
1,4-Dichlorobenzene	44.5	2.0	ug/kg	50.0		89	80-120			
Dichlorodifluoromethane	53.1	5.0	ug/kg	50.0		106	10-160			
1,1-Dichloroethane	46.9	2.0	ug/kg	50.0		94	70-135			
1,2-Dichloroethane	50.2	2.0	ug/kg	50.0		100	60-150			
1,1-Dichloroethene	51.6	5.0	ug/kg	50.0		103	75-130			
cis-1,2-Dichloroethene	49.7	2.0	ug/kg	50.0		99	70-125			
trans-1,2-Dichloroethene	51.6	2.0	ug/kg	50.0		103	70-130			
1,2-Dichloropropane	45.8	2.0	ug/kg	50.0		92	70-120			
1,3-Dichloropropane	48.6	2.0	ug/kg	50.0		97	70-130			
2,2-Dichloropropane	48.2	2.0	ug/kg	50.0		96	70-150			
1,1-Dichloropropene	47.5	2.0	ug/kg	50.0		95	75-130			
cis-1,3-Dichloropropene	45.9	2.0	ug/kg	50.0		92	75-130			
trans-1,3-Dichloropropene	45.9	2.0	ug/kg	50.0		92	70-135			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



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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: 4G08004 Extracted: 07/08/04										
LCS Analyzed: 07/08/04 (4G08004-BS1)										
Ethylbenzene	49.7	2.0	ug/kg	50.0		99	75-125			
Hexachlorobutadiene	41.9	5.0	ug/kg	50.0		84	75-140			
Isopropylbenzene	45.9	2.0	ug/kg	50.0		92	75-125			
p-Isopropyltoluene	44.9	2.0	ug/kg	50.0		90	75-125			
Methylene chloride	51.0	20	ug/kg	50.0		102	60-135			
Naphthalene	50.9	5.0	ug/kg	50.0		102	50-145			
n-Propylbenzene	44.7	2.0	ug/kg	50.0		89	75-130			
Styrene	51.8	2.0	ug/kg	50.0		104	80-135			
1,1,1,2-Tetrachloroethane	51.0	5.0	ug/kg	50.0		102	70-145			
1,1,2,2-Tetrachloroethane	57.7	2.0	ug/kg	50.0		115	55-145			
Tetrachloroethene	49.7	2.0	ug/kg	50.0		99	80-125			
Toluene	47.1	2.0	ug/kg	50.0		94	75-120			
1,2,3-Trichlorobenzene	46.1	5.0	ug/kg	50.0		92	65-135			
1,2,4-Trichlorobenzene	44.5	5.0	ug/kg	50.0		89	70-140			
1,1,1-Trichloroethane	48.5	2.0	ug/kg	50.0		97	75-140			
1,1,2-Trichloroethane	48.8	2.0	ug/kg	50.0		98	65-130			
Trichloroethene	48.3	2.0	ug/kg	50.0		97	75-125			
Trichlorofluoromethane	52.3	5.0	ug/kg	50.0		105	50-145			
1,2,3-Trichloropropane	49.4	10	ug/kg	50.0		99	55-140			
1,2,4-Trimethylbenzene	45.5	2.0	ug/kg	50.0		91	75-125			
1,3,5-Trimethylbenzene	46.9	2.0	ug/kg	50.0		94	80-125			
Vinyl chloride	41.1	5.0	ug/kg	50.0		82	45-130			
o-Xylene	48.7	2.0	ug/kg	50.0		97	75-125			
m,p-Xylenes	98.1	2.0	ug/kg	100		98	75-125			
Surrogate: Dibromofluoromethane	50.4		ug/kg	50.0		101	80-125			
Surrogate: Toluene-d8	51.9		ug/kg	50.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	56.0		ug/kg	50.0		112	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



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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: 4G08004 Extracted: 07/08/04										
Matrix Spike Analyzed: 07/08/04 (4G08004-MS1)					Source: INF1839-05					
Benzene	48.2	2.0	ug/kg	50.0	ND	96	65-130			
Bromobenzene	49.1	5.0	ug/kg	50.0	ND	98	70-130			
Bromochloromethane	51.1	5.0	ug/kg	50.0	ND	102	60-145			
Bromodichloromethane	51.1	2.0	ug/kg	50.0	ND	102	70-145			
Bromoform	56.1	5.0	ug/kg	50.0	ND	112	60-145			
Bromomethane	55.7	5.0	ug/kg	50.0	ND	111	50-150			
n-Butylbenzene	46.8	5.0	ug/kg	50.0	ND	94	60-140			
sec-Butylbenzene	47.4	5.0	ug/kg	50.0	ND	95	65-135			
tert-Butylbenzene	48.1	5.0	ug/kg	50.0	ND	96	70-130			
Carbon tetrachloride	53.0	5.0	ug/kg	50.0	ND	106	70-140			
Chlorobenzene	50.1	2.0	ug/kg	50.0	ND	100	80-130			
Chloroethane	50.4	5.0	ug/kg	50.0	ND	101	50-150			
Chloroform	48.9	2.0	ug/kg	50.0	ND	98	70-130			
Chloromethane	44.1	5.0	ug/kg	50.0	ND	88	30-150			
2-Chlorotoluene	47.3	5.0	ug/kg	50.0	ND	95	70-130			
4-Chlorotoluene	47.2	5.0	ug/kg	50.0	ND	94	65-135			
Dibromochloromethane	52.0	2.0	ug/kg	50.0	ND	104	65-145			
1,2-Dibromo-3-chloropropane	43.6	5.0	ug/kg	50.0	ND	87	50-150			
1,2-Dibromoethane (EDB)	51.9	2.0	ug/kg	50.0	ND	104	65-135			
Dibromomethane	50.5	2.0	ug/kg	50.0	ND	101	65-135			
1,2-Dichlorobenzene	47.7	2.0	ug/kg	50.0	ND	95	75-130			
1,3-Dichlorobenzene	46.8	2.0	ug/kg	50.0	ND	94	70-125			
1,4-Dichlorobenzene	46.5	2.0	ug/kg	50.0	ND	93	75-130			
Dichlorodifluoromethane	55.9	5.0	ug/kg	50.0	ND	112	10-200			
1,1-Dichloroethane	47.5	2.0	ug/kg	50.0	ND	95	70-135			
1,2-Dichloroethane	49.9	2.0	ug/kg	50.0	ND	100	60-150			
1,1-Dichloroethene	53.5	5.0	ug/kg	50.0	ND	107	75-140			
cis-1,2-Dichloroethene	49.9	2.0	ug/kg	50.0	ND	100	60-135			
trans-1,2-Dichloroethene	52.0	2.0	ug/kg	50.0	ND	104	65-135			
1,2-Dichloropropane	47.0	2.0	ug/kg	50.0	ND	94	65-125			
1,3-Dichloropropane	49.8	2.0	ug/kg	50.0	ND	100	65-135			
2,2-Dichloropropane	52.1	2.0	ug/kg	50.0	ND	104	60-150			
1,1-Dichloropropene	49.1	2.0	ug/kg	50.0	ND	98	60-140			
cis-1,3-Dichloropropene	47.9	2.0	ug/kg	50.0	ND	96	65-135			
trans-1,3-Dichloropropene	47.2	2.0	ug/kg	50.0	ND	94	65-140			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



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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: 4G08004 Extracted: 07/08/04										
Matrix Spike Analyzed: 07/08/04 (4G08004-MS1)					Source: INF1839-05					
Ethylbenzene	52.1	2.0	ug/kg	50.0	ND	104	70-130			
Hexachlorobutadiene	43.8	5.0	ug/kg	50.0	ND	88	65-145			
Isopropylbenzene	49.1	2.0	ug/kg	50.0	ND	98	60-135			
p-Isopropyltoluene	46.8	2.0	ug/kg	50.0	ND	94	60-135			
Methylene chloride	51.4	20	ug/kg	50.0	ND	103	60-145			
Naphthalene	48.7	5.0	ug/kg	50.0	2.1	93	40-160			
n-Propylbenzene	47.4	2.0	ug/kg	50.0	ND	95	60-140			
Styrene	53.1	2.0	ug/kg	50.0	ND	106	70-145			
1,1,1,2-Tetrachloroethane	52.9	5.0	ug/kg	50.0	ND	106	65-145			
1,1,2,2-Tetrachloroethane	57.2	2.0	ug/kg	50.0	ND	114	55-150			
Tetrachloroethene	50.4	2.0	ug/kg	50.0	ND	101	70-130			
Toluene	49.3	2.0	ug/kg	50.0	ND	99	70-125			
1,2,3-Trichlorobenzene	46.8	5.0	ug/kg	50.0	ND	94	60-135			
1,2,4-Trichlorobenzene	45.0	5.0	ug/kg	50.0	ND	90	65-140			
1,1,1-Trichloroethane	50.4	2.0	ug/kg	50.0	ND	101	65-140			
1,1,2-Trichloroethane	49.3	2.0	ug/kg	50.0	ND	99	60-140			
Trichloroethene	49.4	2.0	ug/kg	50.0	ND	99	70-140			
Trichlorofluoromethane	54.4	5.0	ug/kg	50.0	ND	109	40-160			
1,2,3-Trichloropropane	48.0	10	ug/kg	50.0	ND	96	55-140			
1,2,4-Trimethylbenzene	48.2	2.0	ug/kg	50.0	ND	96	65-130			
1,3,5-Trimethylbenzene	49.7	2.0	ug/kg	50.0	ND	99	70-130			
Vinyl chloride	44.4	5.0	ug/kg	50.0	ND	89	45-130			
o-Xylene	50.7	2.0	ug/kg	50.0	ND	101	70-125			
m,p-Xylenes	103	2.0	ug/kg	100	ND	103	70-125			
Surrogate: Dibromofluoromethane	51.2		ug/kg	50.0		102	80-125			
Surrogate: Toluene-d8	53.0		ug/kg	50.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	55.1		ug/kg	50.0		110	80-120			

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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: 4G08004 Extracted: 07/08/04										
Matrix Spike Dup Analyzed: 07/08/04 (4G08004-MSD1)					Source: INF1839-05					
Benzene	47.4	2.0	ug/kg	50.0	ND	95	65-130	2	20	
Bromobenzene	48.9	5.0	ug/kg	50.0	ND	98	70-130	0	20	
Bromochloromethane	53.0	5.0	ug/kg	50.0	ND	106	60-145	4	25	
Bromodichloromethane	51.2	2.0	ug/kg	50.0	ND	102	70-145	0	20	
Bromoform	59.5	5.0	ug/kg	50.0	ND	119	60-145	6	25	
Bromomethane	51.2	5.0	ug/kg	50.0	ND	102	50-150	8	25	
n-Butylbenzene	46.0	5.0	ug/kg	50.0	ND	92	60-140	2	25	
sec-Butylbenzene	46.7	5.0	ug/kg	50.0	ND	93	65-135	1	20	
tert-Butylbenzene	47.3	5.0	ug/kg	50.0	ND	95	70-130	2	20	
Carbon tetrachloride	52.5	5.0	ug/kg	50.0	ND	105	70-140	1	20	
Chlorobenzene	49.6	2.0	ug/kg	50.0	ND	99	80-130	1	20	
Chloroethane	46.8	5.0	ug/kg	50.0	ND	94	50-150	7	30	
Chloroform	47.8	2.0	ug/kg	50.0	ND	96	70-130	2	20	
Chloromethane	42.4	5.0	ug/kg	50.0	ND	85	30-150	4	30	
2-Chlorotoluene	46.1	5.0	ug/kg	50.0	ND	92	70-130	3	20	
4-Chlorotoluene	46.5	5.0	ug/kg	50.0	ND	93	65-135	1	20	
Dibromochloromethane	54.0	2.0	ug/kg	50.0	ND	108	65-145	4	25	
1,2-Dibromo-3-chloropropane	51.2	5.0	ug/kg	50.0	ND	102	50-150	16	30	
1,2-Dibromoethane (EDB)	56.1	2.0	ug/kg	50.0	ND	112	65-135	8	20	
Dibromomethane	54.1	2.0	ug/kg	50.0	ND	108	65-135	7	20	
1,2-Dichlorobenzene	48.5	2.0	ug/kg	50.0	ND	97	75-130	2	20	
1,3-Dichlorobenzene	46.6	2.0	ug/kg	50.0	ND	93	70-125	0	20	
1,4-Dichlorobenzene	47.1	2.0	ug/kg	50.0	ND	94	75-130	1	20	
Dichlorodifluoromethane	52.9	5.0	ug/kg	50.0	ND	106	10-200	6	35	
1,1-Dichloroethane	46.9	2.0	ug/kg	50.0	ND	94	70-135	1	20	
1,2-Dichloroethane	51.6	2.0	ug/kg	50.0	ND	103	60-150	3	25	
1,1-Dichloroethene	51.4	5.0	ug/kg	50.0	ND	103	75-140	4	20	
cis-1,2-Dichloroethene	50.0	2.0	ug/kg	50.0	ND	100	60-135	0	20	
trans-1,2-Dichloroethene	51.5	2.0	ug/kg	50.0	ND	103	65-135	1	20	
1,2-Dichloropropane	47.2	2.0	ug/kg	50.0	ND	94	65-125	0	20	
1,3-Dichloropropane	51.9	2.0	ug/kg	50.0	ND	104	65-135	4	20	
2,2-Dichloropropane	49.8	2.0	ug/kg	50.0	ND	100	60-150	5	20	
1,1-Dichloropropene	49.1	2.0	ug/kg	50.0	ND	98	60-140	0	20	
cis-1,3-Dichloropropene	48.4	2.0	ug/kg	50.0	ND	97	65-135	1	20	
trans-1,3-Dichloropropene	48.7	2.0	ug/kg	50.0	ND	97	65-140	3	20	

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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: 4G08004 Extracted: 07/08/04										
Matrix Spike Dup Analyzed: 07/08/04 (4G08004-MSD1)					Source: INF1839-05					
Ethylbenzene	50.3	2.0	ug/kg	50.0	ND	101	70-130	4	20	
Hexachlorobutadiene	43.6	5.0	ug/kg	50.0	ND	87	65-145	1	20	
Isopropylbenzene	47.7	2.0	ug/kg	50.0	ND	95	60-135	3	25	
p-Isopropyltoluene	47.1	2.0	ug/kg	50.0	ND	94	60-135	1	20	
Methylene chloride	49.6	20	ug/kg	50.0	ND	99	60-145	4	25	
Naphthalene	52.6	5.0	ug/kg	50.0	2.1	101	40-160	8	25	
n-Propylbenzene	46.8	2.0	ug/kg	50.0	ND	94	60-140	1	25	
Styrene	51.8	2.0	ug/kg	50.0	ND	104	70-145	2	20	
1,1,1,2-Tetrachloroethane	51.9	5.0	ug/kg	50.0	ND	104	65-145	2	20	
1,1,2,2-Tetrachloroethane	62.2	2.0	ug/kg	50.0	ND	124	55-150	8	25	
Tetrachloroethene	51.2	2.0	ug/kg	50.0	ND	102	70-130	2	20	
Toluene	48.7	2.0	ug/kg	50.0	ND	97	70-125	1	20	
1,2,3-Trichlorobenzene	48.7	5.0	ug/kg	50.0	ND	97	60-135	4	20	
1,2,4-Trichlorobenzene	46.2	5.0	ug/kg	50.0	ND	92	65-140	3	25	
1,1,1-Trichloroethane	48.5	2.0	ug/kg	50.0	ND	97	65-140	4	20	
1,1,2-Trichloroethane	51.1	2.0	ug/kg	50.0	ND	102	60-140	4	20	
Trichloroethene	48.8	2.0	ug/kg	50.0	ND	98	70-140	1	20	
Trichlorofluoromethane	51.2	5.0	ug/kg	50.0	ND	102	40-160	6	30	
1,2,3-Trichloropropane	53.0	10	ug/kg	50.0	ND	106	55-140	10	25	
1,2,4-Trimethylbenzene	48.2	2.0	ug/kg	50.0	ND	96	65-130	0	20	
1,3,5-Trimethylbenzene	48.8	2.0	ug/kg	50.0	ND	98	70-130	2	20	
Vinyl chloride	41.4	5.0	ug/kg	50.0	ND	83	45-130	7	30	
o-Xylene	48.3	2.0	ug/kg	50.0	ND	97	70-125	5	20	
m,p-Xylenes	99.2	2.0	ug/kg	100	ND	99	70-125	4	20	
Surrogate: Dibromofluoromethane	49.8		ug/kg	50.0		100	80-125			
Surrogate: Toluene-d8	52.9		ug/kg	50.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	52.9		ug/kg	50.0		106	80-120			

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 Attention: Mike Reardon

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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	RPD Limit	Data Qualifiers
Batch: 4G08013 Extracted: 07/08/04										
Blank Analyzed: 07/08/04 (4G08013-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							

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Geosyntec Consultants/Project Navigator - Ascon
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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: 4G08013 Extracted: 07/08/04										
Blank Analyzed: 07/08/04 (4G08013-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	2740		ug/kg	2500		110	50-160			
Surrogate: Toluene-d8	3070		ug/kg	2500		123	60-160			
Surrogate: 4-Bromofluorobenzene	3090		ug/kg	2500		124	60-150			

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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: 4G08013 Extracted: 07/08/04										
LCS Analyzed: 07/09/04 (4G08013-BS1)										
Benzene	2180	100	ug/kg	2500		87	75-125			
Bromobenzene	2350	250	ug/kg	2500		94	80-120			
Bromochloromethane	2310	250	ug/kg	2500		92	65-140			
Bromodichloromethane	2780	100	ug/kg	2500		111	70-140			
Bromoform	2390	250	ug/kg	2500		96	60-130			
Bromomethane	2280	250	ug/kg	2500		91	35-140			
n-Butylbenzene	2420	250	ug/kg	2500		97	80-130			
sec-Butylbenzene	2320	250	ug/kg	2500		93	75-125			
tert-Butylbenzene	2360	250	ug/kg	2500		94	80-125			
Carbon tetrachloride	2790	250	ug/kg	2500		112	70-140			
Chlorobenzene	2340	100	ug/kg	2500		94	80-125			
Chloroethane	2340	250	ug/kg	2500		94	40-145			
Chloroform	2600	100	ug/kg	2500		104	75-130			
Chloromethane	1860	250	ug/kg	2500		74	30-145			
2-Chlorotoluene	2310	250	ug/kg	2500		92	75-125			
4-Chlorotoluene	2420	250	ug/kg	2500		97	80-125			
Dibromochloromethane	2530	100	ug/kg	2500		101	65-145			
1,2-Dibromo-3-chloropropane	2150	250	ug/kg	2500		86	45-135			
1,2-Dibromoethane (EDB)	2340	100	ug/kg	2500		94	75-130			
Dibromomethane	2380	100	ug/kg	2500		95	75-135			
1,2-Dichlorobenzene	2330	100	ug/kg	2500		93	80-120			
1,3-Dichlorobenzene	2280	100	ug/kg	2500		91	80-120			
1,4-Dichlorobenzene	2320	100	ug/kg	2500		93	80-120			
Dichlorodifluoromethane	1650	250	ug/kg	2500		66	10-160			
1,1-Dichloroethane	2390	100	ug/kg	2500		96	70-135			
1,2-Dichloroethane	2930	100	ug/kg	2500		117	60-150			
1,1-Dichloroethene	2120	250	ug/kg	2500		85	80-145			
cis-1,2-Dichloroethene	2120	100	ug/kg	2500		85	70-135			
trans-1,2-Dichloroethene	2150	100	ug/kg	2500		86	70-135			
1,2-Dichloropropane	2280	100	ug/kg	2500		91	75-125			
1,3-Dichloropropane	2400	100	ug/kg	2500		96	75-130			
2,2-Dichloropropane	2630	100	ug/kg	2500		105	70-150			
1,1-Dichloropropene	2440	100	ug/kg	2500		98	75-130			
cis-1,3-Dichloropropene	2440	100	ug/kg	2500		98	75-130			
trans-1,3-Dichloropropene	2550	100	ug/kg	2500		102	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: 4G08013 Extracted: 07/08/04										
LCS Analyzed: 07/09/04 (4G08013-BS1)										
Ethylbenzene	2450	100	ug/kg	2500		98	80-120			
Hexachlorobutadiene	2550	250	ug/kg	2500		102	75-140			
Isopropylbenzene	2370	100	ug/kg	2500		95	75-125			
p-Isopropyltoluene	2390	100	ug/kg	2500		96	80-125			
Methylene chloride	2160	1000	ug/kg	2500		86	60-145			
Naphthalene	2450	250	ug/kg	2500		98	50-145			
n-Propylbenzene	2360	100	ug/kg	2500		94	75-130			
Styrene	2610	100	ug/kg	2500		104	80-135			
1,1,1,2-Tetrachloroethane	2610	250	ug/kg	2500		104	70-145			
1,1,2,2-Tetrachloroethane	1780	100	ug/kg	2500		71	60-135			
Tetrachloroethene	2500	100	ug/kg	2500		100	80-125			
Toluene	2290	100	ug/kg	2500		92	80-125			
1,2,3-Trichlorobenzene	2660	250	ug/kg	2500		106	65-135			
1,2,4-Trichlorobenzene	2710	250	ug/kg	2500		108	70-140			
1,1,1-Trichloroethane	2660	100	ug/kg	2500		106	75-140			
1,1,2-Trichloroethane	2210	100	ug/kg	2500		88	70-130			
Trichloroethene	2560	100	ug/kg	2500		102	80-130			
Trichlorofluoromethane	2320	250	ug/kg	2500		93	55-145			
1,2,3-Trichloropropane	2170	500	ug/kg	2500		87	60-130			
1,2,4-Trimethylbenzene	2440	100	ug/kg	2500		98	80-125			
1,3,5-Trimethylbenzene	2430	100	ug/kg	2500		97	80-125			
Vinyl chloride	1760	250	ug/kg	2500		70	10-120			
o-Xylene	2300	100	ug/kg	2500		92	80-125			
m,p-Xylenes	4660	100	ug/kg	5000		93	80-120			
Surrogate: Dibromofluoromethane	2230		ug/kg	2500		89	50-160			
Surrogate: Toluene-d8	2310		ug/kg	2500		92	60-160			
Surrogate: 4-Bromofluorobenzene	2400		ug/kg	2500		96	60-150			

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 Project Manager



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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: 4G08013 Extracted: 07/08/04										
LCS Dup Analyzed: 07/09/04 (4G08013-BSD1)										
										M-NR
Benzene	2280	100	ug/kg	2500		91	75-125	4	20	
Bromobenzene	2450	250	ug/kg	2500		98	80-120	4	20	
Bromochloromethane	2340	250	ug/kg	2500		94	65-140	1	20	
Bromodichloromethane	2780	100	ug/kg	2500		111	70-140	0	20	
Bromoform	2440	250	ug/kg	2500		98	60-130	2	25	
Bromomethane	2300	250	ug/kg	2500		92	35-140	1	30	
n-Butylbenzene	2500	250	ug/kg	2500		100	80-130	3	20	
sec-Butylbenzene	2420	250	ug/kg	2500		97	75-125	4	20	
tert-Butylbenzene	2500	250	ug/kg	2500		100	80-125	6	20	
Carbon tetrachloride	2890	250	ug/kg	2500		116	70-140	4	20	
Chlorobenzene	2360	100	ug/kg	2500		94	80-125	1	20	
Chloroethane	2430	250	ug/kg	2500		97	40-145	4	25	
Chloroform	2620	100	ug/kg	2500		105	75-130	1	20	
Chloromethane	1960	250	ug/kg	2500		78	30-145	5	25	
2-Chlorotoluene	2390	250	ug/kg	2500		96	75-125	3	20	
4-Chlorotoluene	2510	250	ug/kg	2500		100	80-125	4	20	
Dibromochloromethane	2540	100	ug/kg	2500		102	65-145	0	20	
1,2-Dibromo-3-chloropropane	2260	250	ug/kg	2500		90	45-135	5	25	
1,2-Dibromoethane (EDB)	2440	100	ug/kg	2500		98	75-130	4	20	
Dibromomethane	2430	100	ug/kg	2500		97	75-135	2	20	
1,2-Dichlorobenzene	2360	100	ug/kg	2500		94	80-120	1	20	
1,3-Dichlorobenzene	2320	100	ug/kg	2500		93	80-120	2	20	
1,4-Dichlorobenzene	2370	100	ug/kg	2500		95	80-120	2	20	
Dichlorodifluoromethane	1710	250	ug/kg	2500		68	10-160	4	30	
1,1-Dichloroethane	2420	100	ug/kg	2500		97	70-135	1	20	
1,2-Dichloroethane	2970	100	ug/kg	2500		119	60-150	1	25	
1,1-Dichloroethene	2190	250	ug/kg	2500		88	80-145	3	20	
cis-1,2-Dichloroethene	2190	100	ug/kg	2500		88	70-135	3	20	
trans-1,2-Dichloroethene	2230	100	ug/kg	2500		89	70-135	4	20	
1,2-Dichloropropane	2300	100	ug/kg	2500		92	75-125	1	20	
1,3-Dichloropropane	2430	100	ug/kg	2500		97	75-130	1	20	
2,2-Dichloropropane	2900	100	ug/kg	2500		116	70-150	10	20	
1,1-Dichloropropene	2520	100	ug/kg	2500		101	75-130	3	20	
cis-1,3-Dichloropropene	2520	100	ug/kg	2500		101	75-130	3	20	
trans-1,3-Dichloropropene	2560	100	ug/kg	2500		102	75-135	0	20	

Del Mar Analytical, Irvine
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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: 4G08013 Extracted: 07/08/04										
LCS Dup Analyzed: 07/09/04 (4G08013-BSD1)										
Ethylbenzene	2570	100	ug/kg	2500		103	80-120	5	20	M-NR
Hexachlorobutadiene	2640	250	ug/kg	2500		106	75-140	3	20	
Isopropylbenzene	2540	100	ug/kg	2500		102	75-125	7	20	
p-Isopropyltoluene	2470	100	ug/kg	2500		99	80-125	3	20	
Methylene chloride	2170	1000	ug/kg	2500		87	60-145	1	20	
Naphthalene	2480	250	ug/kg	2500		99	50-145	1	25	
n-Propylbenzene	2480	100	ug/kg	2500		99	75-130	5	20	
Styrene	2610	100	ug/kg	2500		104	80-135	0	20	
1,1,1,2-Tetrachloroethane	2670	250	ug/kg	2500		107	70-145	2	20	
1,1,2,2-Tetrachloroethane	1860	100	ug/kg	2500		74	60-135	4	25	
Tetrachloroethene	2660	100	ug/kg	2500		106	80-125	6	20	
Toluene	2350	100	ug/kg	2500		94	80-125	3	20	
1,2,3-Trichlorobenzene	2570	250	ug/kg	2500		103	65-135	3	20	
1,2,4-Trichlorobenzene	2650	250	ug/kg	2500		106	70-140	2	20	
1,1,1-Trichloroethane	2730	100	ug/kg	2500		109	75-140	3	20	
1,1,2-Trichloroethane	2260	100	ug/kg	2500		90	70-130	2	20	
Trichloroethene	2660	100	ug/kg	2500		106	80-130	4	20	
Trichlorofluoromethane	2320	250	ug/kg	2500		93	55-145	0	25	
1,2,3-Trichloropropane	2250	500	ug/kg	2500		90	60-130	4	20	
1,2,4-Trimethylbenzene	2510	100	ug/kg	2500		100	80-125	3	20	
1,3,5-Trimethylbenzene	2580	100	ug/kg	2500		103	80-125	6	20	
Vinyl chloride	1730	250	ug/kg	2500		69	10-120	2	30	
o-Xylene	2370	100	ug/kg	2500		95	80-125	3	20	
m,p-Xylenes	4840	100	ug/kg	5000		97	80-120	4	20	
Surrogate: Dibromofluoromethane	2210		ug/kg	2500		88	50-160			
Surrogate: Toluene-d8	2370		ug/kg	2500		95	60-160			
Surrogate: 4-Bromofluorobenzene	2380		ug/kg	2500		95	60-150			

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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	RPD Limit	Data Qualifiers
Batch: 4G12012 Extracted: 07/12/04										
Blank Analyzed: 07/12/04 (4G12012-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 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G12012 Extracted: 07/12/04										
Blank Analyzed: 07/12/04 (4G12012-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	2420		ug/kg	2500		97	50-160			
Surrogate: Toluene-d8	2500		ug/kg	2500		100	60-160			
Surrogate: 4-Bromofluorobenzene	2420		ug/kg	2500		97	60-150			

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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: 4G12012 Extracted: 07/12/04										
LCS Analyzed: 07/12/04 (4G12012-BS1)										
Benzene	2520	100	ug/kg	2500		101	75-125			
Bromobenzene	2430	250	ug/kg	2500		97	80-120			
Bromochloromethane	2550	250	ug/kg	2500		102	65-140			
Bromodichloromethane	2410	100	ug/kg	2500		96	70-140			
Bromoform	2270	250	ug/kg	2500		91	60-130			
Bromomethane	1960	250	ug/kg	2500		78	35-140			
n-Butylbenzene	2590	250	ug/kg	2500		104	80-130			
sec-Butylbenzene	2440	250	ug/kg	2500		98	75-125			
tert-Butylbenzene	2410	250	ug/kg	2500		96	80-125			
Carbon tetrachloride	2210	250	ug/kg	2500		88	70-140			
Chlorobenzene	2520	100	ug/kg	2500		101	80-125			
Chloroethane	2170	250	ug/kg	2500		87	40-145			
Chloroform	2320	100	ug/kg	2500		93	75-130			
Chloromethane	1640	250	ug/kg	2500		66	30-145			
2-Chlorotoluene	2310	250	ug/kg	2500		92	75-125			
4-Chlorotoluene	2390	250	ug/kg	2500		96	80-125			
Dibromochloromethane	2490	100	ug/kg	2500		100	65-145			
1,2-Dibromo-3-chloropropane	2210	250	ug/kg	2500		88	45-135			
1,2-Dibromoethane (EDB)	2480	100	ug/kg	2500		99	75-130			
Dibromomethane	2510	100	ug/kg	2500		100	75-135			
1,2-Dichlorobenzene	2550	100	ug/kg	2500		102	80-120			
1,3-Dichlorobenzene	2460	100	ug/kg	2500		98	80-120			
1,4-Dichlorobenzene	2500	100	ug/kg	2500		100	80-120			
Dichlorodifluoromethane	987	250	ug/kg	2500		39	10-160			
1,1-Dichloroethane	2380	100	ug/kg	2500		95	70-135			
1,2-Dichloroethane	2320	100	ug/kg	2500		93	60-150			
1,1-Dichloroethene	2400	250	ug/kg	2500		96	80-145			
cis-1,2-Dichloroethene	2500	100	ug/kg	2500		100	70-135			
trans-1,2-Dichloroethene	2510	100	ug/kg	2500		100	70-135			
1,2-Dichloropropane	2590	100	ug/kg	2500		104	75-125			
1,3-Dichloropropane	2530	100	ug/kg	2500		101	75-130			
2,2-Dichloropropane	2120	100	ug/kg	2500		85	70-150			
1,1-Dichloropropene	2360	100	ug/kg	2500		94	75-130			
cis-1,3-Dichloropropene	2530	100	ug/kg	2500		101	75-130			
trans-1,3-Dichloropropene	2270	100	ug/kg	2500		91	75-135			

Del Mar Analytical, Irvine
 Kathleen A. Robb
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Geosyntec Consultants/Project Navigator - Ascon
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Report Number: INF1826

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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: 4G12012 Extracted: 07/12/04										
LCS Analyzed: 07/12/04 (4G12012-BS1)										
Ethylbenzene	2530	100	ug/kg	2500		101	80-120			
Hexachlorobutadiene	2750	250	ug/kg	2500		110	75-140			
Isopropylbenzene	2420	100	ug/kg	2500		97	75-125			
p-Isopropyltoluene	2410	100	ug/kg	2500		96	80-125			
Methylene chloride	2440	1000	ug/kg	2500		98	60-145			
Naphthalene	3000	250	ug/kg	2500		120	50-145			
n-Propylbenzene	2480	100	ug/kg	2500		99	75-130			
Styrene	2390	100	ug/kg	2500		96	80-135			
1,1,1,2-Tetrachloroethane	2370	250	ug/kg	2500		95	70-145			
1,1,2,2-Tetrachloroethane	2570	100	ug/kg	2500		103	60-135			
Tetrachloroethene	2490	100	ug/kg	2500		100	80-125			
Toluene	2480	100	ug/kg	2500		99	80-125			
1,2,3-Trichlorobenzene	3130	250	ug/kg	2500		125	65-135			
1,2,4-Trichlorobenzene	3070	250	ug/kg	2500		123	70-140			
1,1,1-Trichloroethane	2220	100	ug/kg	2500		89	75-140			
1,1,2-Trichloroethane	2580	100	ug/kg	2500		103	70-130			
Trichloroethene	2560	100	ug/kg	2500		102	80-130			
Trichlorofluoromethane	1910	250	ug/kg	2500		76	55-145			
1,2,3-Trichloropropane	2420	500	ug/kg	2500		97	60-130			
1,2,4-Trimethylbenzene	2450	100	ug/kg	2500		98	80-125			
1,3,5-Trimethylbenzene	2400	100	ug/kg	2500		96	80-125			
Vinyl chloride	626	250	ug/kg	2500		25	10-120			
o-Xylene	2520	100	ug/kg	2500		101	80-125			
m,p-Xylenes	5150	100	ug/kg	5000		103	80-120			
Surrogate: Dibromofluoromethane	2460		ug/kg	2500		98	50-160			
Surrogate: Toluene-d8	2570		ug/kg	2500		103	60-160			
Surrogate: 4-Bromofluorobenzene	2510		ug/kg	2500		100	60-150			

Del Mar Analytical, Irvine
 Kathleen A. Robb
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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: 4G12012 Extracted: 07/12/04										
LCS Dup Analyzed: 07/12/04 (4G12012-BSD1)										
Benzene	2300	100	ug/kg	2500		92	75-125	9	20	
Bromobenzene	2230	250	ug/kg	2500		89	80-120	9	20	
Bromochloromethane	2430	250	ug/kg	2500		97	65-140	5	20	
Bromodichloromethane	2280	100	ug/kg	2500		91	70-140	6	20	
Bromoform	2140	250	ug/kg	2500		86	60-130	6	25	
Bromomethane	1840	250	ug/kg	2500		74	35-140	6	30	
n-Butylbenzene	2410	250	ug/kg	2500		96	80-130	7	20	
sec-Butylbenzene	2250	250	ug/kg	2500		90	75-125	8	20	
tert-Butylbenzene	2230	250	ug/kg	2500		89	80-125	8	20	
Carbon tetrachloride	2020	250	ug/kg	2500		81	70-140	9	20	
Chlorobenzene	2340	100	ug/kg	2500		94	80-125	7	20	
Chloroethane	2030	250	ug/kg	2500		81	40-145	7	25	
Chloroform	2150	100	ug/kg	2500		86	75-130	8	20	
Chloromethane	1520	250	ug/kg	2500		61	30-145	8	25	
2-Chlorotoluene	2110	250	ug/kg	2500		84	75-125	9	20	
4-Chlorotoluene	2220	250	ug/kg	2500		89	80-125	7	20	
Dibromochloromethane	2270	100	ug/kg	2500		91	65-145	9	20	
1,2-Dibromo-3-chloropropane	2020	250	ug/kg	2500		81	45-135	9	25	
1,2-Dibromoethane (EDB)	2310	100	ug/kg	2500		92	75-130	7	20	
Dibromomethane	2370	100	ug/kg	2500		95	75-135	6	20	
1,2-Dichlorobenzene	2380	100	ug/kg	2500		95	80-120	7	20	
1,3-Dichlorobenzene	2270	100	ug/kg	2500		91	80-120	8	20	
1,4-Dichlorobenzene	2330	100	ug/kg	2500		93	80-120	7	20	
Dichlorodifluoromethane	859	250	ug/kg	2500		34	10-160	14	30	
1,1-Dichloroethane	2250	100	ug/kg	2500		90	70-135	6	20	
1,2-Dichloroethane	2160	100	ug/kg	2500		86	60-150	7	25	
1,1-Dichloroethene	2230	250	ug/kg	2500		89	80-145	7	20	
cis-1,2-Dichloroethene	2340	100	ug/kg	2500		94	70-135	7	20	
trans-1,2-Dichloroethene	2330	100	ug/kg	2500		93	70-135	7	20	
1,2-Dichloropropane	2390	100	ug/kg	2500		96	75-125	8	20	
1,3-Dichloropropane	2360	100	ug/kg	2500		94	75-130	7	20	
2,2-Dichloropropane	1930	100	ug/kg	2500		77	70-150	9	20	
1,1-Dichloropropene	2200	100	ug/kg	2500		88	75-130	7	20	
cis-1,3-Dichloropropene	2390	100	ug/kg	2500		96	75-130	6	20	
trans-1,3-Dichloropropene	2130	100	ug/kg	2500		85	75-135	6	20	

Del Mar Analytical, Irvine
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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: 4G12012 Extracted: 07/12/04										
LCS Dup Analyzed: 07/12/04 (4G12012-BSD1)										
Ethylbenzene	2350	100	ug/kg	2500		94	80-120	7	20	
Hexachlorobutadiene	2490	250	ug/kg	2500		100	75-140	10	20	
Isopropylbenzene	2230	100	ug/kg	2500		89	75-125	8	20	
p-Isopropyltoluene	2210	100	ug/kg	2500		88	80-125	9	20	
Methylene chloride	2300	1000	ug/kg	2500		92	60-145	6	20	
Naphthalene	2800	250	ug/kg	2500		112	50-145	7	25	
n-Propylbenzene	2290	100	ug/kg	2500		92	75-130	8	20	
Styrene	2250	100	ug/kg	2500		90	80-135	6	20	
1,1,1,2-Tetrachloroethane	2270	250	ug/kg	2500		91	70-145	4	20	
1,1,2,2-Tetrachloroethane	2350	100	ug/kg	2500		94	60-135	9	25	
Tetrachloroethene	2300	100	ug/kg	2500		92	80-125	8	20	
Toluene	2340	100	ug/kg	2500		94	80-125	6	20	
1,2,3-Trichlorobenzene	2900	250	ug/kg	2500		116	65-135	8	20	
1,2,4-Trichlorobenzene	2860	250	ug/kg	2500		114	70-140	7	20	
1,1,1-Trichloroethane	2060	100	ug/kg	2500		82	75-140	7	20	
1,1,2-Trichloroethane	2470	100	ug/kg	2500		99	70-130	4	20	
Trichloroethene	2370	100	ug/kg	2500		95	80-130	8	20	
Trichlorofluoromethane	1770	250	ug/kg	2500		71	55-145	8	25	
1,2,3-Trichloropropane	2180	500	ug/kg	2500		87	60-130	10	20	
1,2,4-Trimethylbenzene	2260	100	ug/kg	2500		90	80-125	8	20	
1,3,5-Trimethylbenzene	2210	100	ug/kg	2500		88	80-125	8	20	
Vinyl chloride	521	250	ug/kg	2500		21	10-120	18	30	
o-Xylene	2350	100	ug/kg	2500		94	80-125	7	20	
m,p-Xylenes	4850	100	ug/kg	5000		97	80-120	6	20	
Surrogate: Dibromofluoromethane	2140		ug/kg	2500		86	50-160			
Surrogate: Toluene-d8	2210		ug/kg	2500		88	60-160			
Surrogate: 4-Bromofluorobenzene	2160		ug/kg	2500		86	60-150			

Del Mar Analytical, Irvine
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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: 4G12012 Extracted: 07/12/04										
Matrix Spike Analyzed: 07/13/04 (4G12012-MS1)					Source: INF1826-04					
Benzene	2260	100	ug/kg	2500	ND	90	60-140			
Bromobenzene	2160	250	ug/kg	2500	ND	86	65-130			
Bromochloromethane	2420	250	ug/kg	2500	ND	97	60-145			
Bromodichloromethane	2260	100	ug/kg	2500	ND	90	65-150			
Bromoform	2110	250	ug/kg	2500	ND	84	55-150			
Bromomethane	1700	250	ug/kg	2500	ND	68	30-160			
n-Butylbenzene	2410	250	ug/kg	2500	ND	96	60-150			
sec-Butylbenzene	2540	250	ug/kg	2500	810	69	65-145			
tert-Butylbenzene	2150	250	ug/kg	2500	ND	86	60-150			
Carbon tetrachloride	1970	250	ug/kg	2500	ND	79	70-140			
Chlorobenzene	2290	100	ug/kg	2500	ND	92	70-140			
Chloroethane	1860	250	ug/kg	2500	ND	74	30-170			
Chloroform	2150	100	ug/kg	2500	ND	86	60-140			
Chloromethane	1310	250	ug/kg	2500	ND	52	30-160			
2-Chlorotoluene	2050	250	ug/kg	2500	ND	82	60-140			
4-Chlorotoluene	2130	250	ug/kg	2500	ND	85	70-135			
Dibromochloromethane	2220	100	ug/kg	2500	ND	89	60-150			
1,2-Dibromo-3-chloropropane	1970	250	ug/kg	2500	ND	79	40-150			
1,2-Dibromoethane (EDB)	2250	100	ug/kg	2500	ND	90	65-140			
Dibromomethane	2300	100	ug/kg	2500	ND	92	65-140			
1,2-Dichlorobenzene	2310	100	ug/kg	2500	ND	92	70-130			
1,3-Dichlorobenzene	2160	100	ug/kg	2500	ND	86	60-155			
1,4-Dichlorobenzene	2240	100	ug/kg	2500	ND	90	55-150			
Dichlorodifluoromethane	501	250	ug/kg	2500	ND	20	10-160			
1,1-Dichloroethane	2170	100	ug/kg	2500	ND	87	60-155			
1,2-Dichloroethane	2080	100	ug/kg	2500	ND	83	55-150			
1,1-Dichloroethene	2090	250	ug/kg	2500	ND	84	60-165			
cis-1,2-Dichloroethene	2300	100	ug/kg	2500	ND	92	60-135			
trans-1,2-Dichloroethene	2210	100	ug/kg	2500	ND	88	50-155			
1,2-Dichloropropane	2350	100	ug/kg	2500	ND	94	65-135			
1,3-Dichloropropane	2330	100	ug/kg	2500	ND	93	65-135			
2,2-Dichloropropane	1810	100	ug/kg	2500	ND	72	60-150			
1,1-Dichloropropene	2130	100	ug/kg	2500	ND	85	60-140			
cis-1,3-Dichloropropene	2310	100	ug/kg	2500	ND	92	60-135			
trans-1,3-Dichloropropene	2080	100	ug/kg	2500	ND	83	55-155			

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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: 4G12012 Extracted: 07/12/04										
Matrix Spike Analyzed: 07/13/04 (4G12012-MS1)					Source: INF1826-04					
Ethylbenzene	2900	100	ug/kg	2500	1400	60	60-140			
Hexachlorobutadiene	2330	250	ug/kg	2500	ND	93	65-145			
Isopropylbenzene	3690	100	ug/kg	2500	3400	12	60-140			M2
p-Isopropyltoluene	2170	100	ug/kg	2500	ND	87	60-145			
Methylene chloride	2210	1000	ug/kg	2500	ND	88	50-155			
Naphthalene	3530	250	ug/kg	2500	1700	73	30-165			
n-Propylbenzene	2230	100	ug/kg	2500	120	84	60-145			
Styrene	2260	100	ug/kg	2500	84	87	60-145			
1,1,1,2-Tetrachloroethane	2210	250	ug/kg	2500	ND	88	65-145			
1,1,2,2-Tetrachloroethane	2240	100	ug/kg	2500	ND	90	60-150			
Tetrachloroethene	2200	100	ug/kg	2500	ND	88	65-145			
Toluene	2290	100	ug/kg	2500	ND	92	60-145			
1,2,3-Trichlorobenzene	2870	250	ug/kg	2500	ND	115	45-145			
1,2,4-Trichlorobenzene	2810	250	ug/kg	2500	ND	112	60-140			
1,1,1-Trichloroethane	2000	100	ug/kg	2500	ND	80	65-140			
1,1,2-Trichloroethane	2360	100	ug/kg	2500	ND	94	60-140			
Trichloroethene	2320	100	ug/kg	2500	ND	93	70-150			
Trichlorofluoromethane	1580	250	ug/kg	2500	ND	63	35-165			
1,2,3-Trichloropropane	2180	500	ug/kg	2500	ND	87	50-150			
1,2,4-Trimethylbenzene	2150	100	ug/kg	2500	ND	86	70-135			
1,3,5-Trimethylbenzene	2110	100	ug/kg	2500	ND	84	70-135			
Vinyl chloride	460	250	ug/kg	2500	ND	18	10-120			
o-Xylene	2310	100	ug/kg	2500	ND	92	60-145			
m,p-Xylenes	4760	100	ug/kg	5000	ND	95	60-140			
Surrogate: Dibromofluoromethane	2250		ug/kg	2500		90	50-160			
Surrogate: Toluene-d8	2370		ug/kg	2500		95	60-160			
Surrogate: 4-Bromofluorobenzene	2280		ug/kg	2500		91	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: 4G12012 Extracted: 07/12/04										
Matrix Spike Dup Analyzed: 07/13/04 (4G12012-MSD1)					Source: INF1826-04					
Benzene	2350	100	ug/kg	2500	ND	94	60-140	4	25	
Bromobenzene	2240	250	ug/kg	2500	ND	90	65-130	4	25	
Bromochloromethane	2440	250	ug/kg	2500	ND	98	60-145	1	25	
Bromodichloromethane	2320	100	ug/kg	2500	ND	93	65-150	3	25	
Bromoform	2230	250	ug/kg	2500	ND	89	55-150	6	30	
Bromomethane	1740	250	ug/kg	2500	ND	70	30-160	2	30	
n-Butylbenzene	2480	250	ug/kg	2500	ND	99	60-150	3	25	
sec-Butylbenzene	2650	250	ug/kg	2500	810	74	65-145	4	25	
tert-Butylbenzene	2230	250	ug/kg	2500	ND	89	60-150	4	20	
Carbon tetrachloride	2040	250	ug/kg	2500	ND	82	70-140	3	20	
Chlorobenzene	2400	100	ug/kg	2500	ND	96	70-140	5	25	
Chloroethane	1990	250	ug/kg	2500	ND	80	30-170	7	35	
Chloroform	2200	100	ug/kg	2500	ND	88	60-140	2	25	
Chloromethane	1440	250	ug/kg	2500	ND	58	30-160	9	30	
2-Chlorotoluene	2140	250	ug/kg	2500	ND	86	60-140	4	25	
4-Chlorotoluene	2220	250	ug/kg	2500	ND	89	70-135	4	20	
Dibromochloromethane	2360	100	ug/kg	2500	ND	94	60-150	6	25	
1,2-Dibromo-3-chloropropane	2110	250	ug/kg	2500	ND	84	40-150	7	30	
1,2-Dibromoethane (EDB)	2400	100	ug/kg	2500	ND	96	65-140	6	25	
Dibromomethane	2380	100	ug/kg	2500	ND	95	65-140	3	20	
1,2-Dichlorobenzene	2380	100	ug/kg	2500	ND	95	70-130	3	20	
1,3-Dichlorobenzene	2240	100	ug/kg	2500	ND	90	60-155	4	25	
1,4-Dichlorobenzene	2290	100	ug/kg	2500	ND	92	55-150	2	25	
Dichlorodifluoromethane	618	250	ug/kg	2500	ND	25	10-160	21	35	
1,1-Dichloroethane	2290	100	ug/kg	2500	ND	92	60-155	5	25	
1,2-Dichloroethane	2160	100	ug/kg	2500	ND	86	55-150	4	30	
1,1-Dichloroethene	2230	250	ug/kg	2500	ND	89	60-165	6	25	
cis-1,2-Dichloroethene	2360	100	ug/kg	2500	ND	94	60-135	3	25	
trans-1,2-Dichloroethene	2380	100	ug/kg	2500	ND	95	50-155	7	25	
1,2-Dichloropropane	2460	100	ug/kg	2500	ND	98	65-135	5	20	
1,3-Dichloropropane	2440	100	ug/kg	2500	ND	98	65-135	5	20	
2,2-Dichloropropane	1880	100	ug/kg	2500	ND	75	60-150	4	20	
1,1-Dichloropropene	2180	100	ug/kg	2500	ND	87	60-140	2	20	
cis-1,3-Dichloropropene	2400	100	ug/kg	2500	ND	96	60-135	4	25	
trans-1,3-Dichloropropene	2210	100	ug/kg	2500	ND	88	55-155	6	25	

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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: 4G12012 Extracted: 07/12/04										
Matrix Spike Dup Analyzed: 07/13/04 (4G12012-MSD1)					Source: INF1826-04					
Ethylbenzene	2890	100	ug/kg	2500	1400	60	60-140	0	25	
Hexachlorobutadiene	2460	250	ug/kg	2500	ND	98	65-145	5	25	
Isopropylbenzene	3750	100	ug/kg	2500	3400	14	60-140	2	25	M2
p-Isopropyltoluene	2270	100	ug/kg	2500	ND	91	60-145	5	25	
Methylene chloride	2250	1000	ug/kg	2500	ND	90	50-155	2	25	
Naphthalene	3750	250	ug/kg	2500	1700	82	30-165	6	30	
n-Propylbenzene	2350	100	ug/kg	2500	120	89	60-145	5	25	
Styrene	2400	100	ug/kg	2500	84	93	60-145	6	20	
1,1,1,2-Tetrachloroethane	2320	250	ug/kg	2500	ND	93	65-145	5	20	
1,1,2,2-Tetrachloroethane	2380	100	ug/kg	2500	ND	95	60-150	6	20	
Tetrachloroethene	2310	100	ug/kg	2500	ND	92	65-145	5	25	
Toluene	2380	100	ug/kg	2500	ND	95	60-145	4	25	
1,2,3-Trichlorobenzene	3030	250	ug/kg	2500	ND	121	45-145	5	30	
1,2,4-Trichlorobenzene	2970	250	ug/kg	2500	ND	119	60-140	6	25	
1,1,1-Trichloroethane	2080	100	ug/kg	2500	ND	83	65-140	4	25	
1,1,2-Trichloroethane	2500	100	ug/kg	2500	ND	100	60-140	6	20	
Trichloroethene	2360	100	ug/kg	2500	ND	94	70-150	2	25	
Trichlorofluoromethane	1730	250	ug/kg	2500	ND	69	35-165	9	30	
1,2,3-Trichloropropane	2340	500	ug/kg	2500	ND	94	50-150	7	20	
1,2,4-Trimethylbenzene	2270	100	ug/kg	2500	ND	91	70-135	5	20	
1,3,5-Trimethylbenzene	2220	100	ug/kg	2500	ND	89	70-135	5	25	
Vinyl chloride	551	250	ug/kg	2500	ND	22	10-120	18	35	
o-Xylene	2460	100	ug/kg	2500	ND	98	60-145	6	25	
m,p-Xylenes	4940	100	ug/kg	5000	ND	99	60-140	4	25	
Surrogate: Dibromofluoromethane	2340		ug/kg	2500		94	50-160			
Surrogate: Toluene-d8	2410		ug/kg	2500		96	60-160			
Surrogate: 4-Bromofluorobenzene	2370		ug/kg	2500		95	60-150			

Del Mar Analytical, Irvine
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Report Number: INF1826

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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: 4G03014 Extracted: 07/03/04										
Blank Analyzed: 07/07/04 (4G03014-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: 4G03014 Extracted: 07/03/04										
Blank Analyzed: 07/07/04 (4G03014-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	2540		ug/kg	2500		102	50-160			
Surrogate: Toluene-d8	2740		ug/kg	2500		110	60-160			
Surrogate: 4-Bromofluorobenzene	2730		ug/kg	2500		109	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: 4G03014 Extracted: 07/03/04										
LCS Analyzed: 07/07/04 (4G03014-BS1)										
Benzene	2440	100	ug/kg	2500		98	75-125			
Bromobenzene	2240	250	ug/kg	2500		90	80-120			
Bromochloromethane	2440	250	ug/kg	2500		98	65-140			
Bromodichloromethane	2760	100	ug/kg	2500		110	70-140			
Bromoform	2400	250	ug/kg	2500		96	60-130			
Bromomethane	2230	250	ug/kg	2500		89	35-140			
n-Butylbenzene	2210	250	ug/kg	2500		88	80-130			
sec-Butylbenzene	2180	250	ug/kg	2500		87	75-125			
tert-Butylbenzene	2250	250	ug/kg	2500		90	80-125			
Carbon tetrachloride	2720	250	ug/kg	2500		109	70-140			
Chlorobenzene	2340	100	ug/kg	2500		94	80-125			
Chloroethane	2450	250	ug/kg	2500		98	40-145			
Chloroform	2590	100	ug/kg	2500		104	75-130			
Chloromethane	2070	250	ug/kg	2500		83	30-145			
2-Chlorotoluene	2180	250	ug/kg	2500		87	75-125			
4-Chlorotoluene	2270	250	ug/kg	2500		91	80-125			
Dibromochloromethane	2460	100	ug/kg	2500		98	65-145			
1,2-Dibromo-3-chloropropane	2130	250	ug/kg	2500		85	45-135			
1,2-Dibromoethane (EDB)	2390	100	ug/kg	2500		96	75-130			
Dibromomethane	2560	100	ug/kg	2500		102	75-135			
1,2-Dichlorobenzene	2160	100	ug/kg	2500		86	80-120			
1,3-Dichlorobenzene	2120	100	ug/kg	2500		85	80-120			
1,4-Dichlorobenzene	2190	100	ug/kg	2500		88	80-120			
Dichlorodifluoromethane	1620	250	ug/kg	2500		65	10-160			
1,1-Dichloroethane	2510	100	ug/kg	2500		100	70-135			
1,2-Dichloroethane	2880	100	ug/kg	2500		115	60-150			
1,1-Dichloroethene	2290	250	ug/kg	2500		92	80-145			
cis-1,2-Dichloroethene	2300	100	ug/kg	2500		92	70-135			
trans-1,2-Dichloroethene	2380	100	ug/kg	2500		95	70-135			
1,2-Dichloropropane	2540	100	ug/kg	2500		102	75-125			
1,3-Dichloropropane	2440	100	ug/kg	2500		98	75-130			
2,2-Dichloropropane	2590	100	ug/kg	2500		104	70-150			
1,1-Dichloropropene	2640	100	ug/kg	2500		106	75-130			
cis-1,3-Dichloropropene	2620	100	ug/kg	2500		105	75-130			
trans-1,3-Dichloropropene	2740	100	ug/kg	2500		110	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: 4G03014 Extracted: 07/03/04										
LCS Analyzed: 07/07/04 (4G03014-BS1)										
Ethylbenzene	2490	100	ug/kg	2500		100	80-120			
Hexachlorobutadiene	2320	250	ug/kg	2500		93	75-140			
Isopropylbenzene	2260	100	ug/kg	2500		90	75-125			
p-Isopropyltoluene	2190	100	ug/kg	2500		88	80-125			
Methylene chloride	2320	1000	ug/kg	2500		93	60-145			
Naphthalene	2470	250	ug/kg	2500		99	50-145			
n-Propylbenzene	2250	100	ug/kg	2500		90	75-130			
Styrene	2630	100	ug/kg	2500		105	80-135			
1,1,1,2-Tetrachloroethane	2500	250	ug/kg	2500		100	70-145			
1,1,2,2-Tetrachloroethane	1940	100	ug/kg	2500		78	60-135			
Tetrachloroethene	2560	100	ug/kg	2500		102	80-125			
Toluene	2520	100	ug/kg	2500		101	80-125			
1,2,3-Trichlorobenzene	2530	250	ug/kg	2500		101	65-135			
1,2,4-Trichlorobenzene	2560	250	ug/kg	2500		102	70-140			
1,1,1-Trichloroethane	2610	100	ug/kg	2500		104	75-140			
1,1,2-Trichloroethane	2490	100	ug/kg	2500		100	70-130			
Trichloroethene	2760	100	ug/kg	2500		110	80-130			
Trichlorofluoromethane	2130	250	ug/kg	2500		85	55-145			
1,2,3-Trichloropropane	2210	500	ug/kg	2500		88	60-130			
1,2,4-Trimethylbenzene	2290	100	ug/kg	2500		92	80-125			
1,3,5-Trimethylbenzene	2300	100	ug/kg	2500		92	80-125			
Vinyl chloride	1440	250	ug/kg	2500		58	10-120			
o-Xylene	2340	100	ug/kg	2500		94	80-125			
m,p-Xylenes	4780	100	ug/kg	5000		96	80-120			
Surrogate: Dibromofluoromethane	2360		ug/kg	2500		94	50-160			
Surrogate: Toluene-d8	2600		ug/kg	2500		104	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 Limit	Data Qualifiers
Batch: 4G03014 Extracted: 07/03/04										
LCS Dup Analyzed: 07/07/04 (4G03014-BSD1)										
										M-NR
Benzene	2520	100	ug/kg	2500		101	75-125	3	20	
Bromobenzene	2370	250	ug/kg	2500		95	80-120	6	20	
Bromochloromethane	2500	250	ug/kg	2500		100	65-140	2	20	
Bromodichloromethane	2780	100	ug/kg	2500		111	70-140	1	20	
Bromoform	2370	250	ug/kg	2500		95	60-130	1	25	
Bromomethane	2440	250	ug/kg	2500		98	35-140	9	30	
n-Butylbenzene	2400	250	ug/kg	2500		96	80-130	8	20	
sec-Butylbenzene	2310	250	ug/kg	2500		92	75-125	6	20	
tert-Butylbenzene	2410	250	ug/kg	2500		96	80-125	7	20	
Carbon tetrachloride	2800	250	ug/kg	2500		112	70-140	3	20	
Chlorobenzene	2500	100	ug/kg	2500		100	80-125	7	20	
Chloroethane	2660	250	ug/kg	2500		106	40-145	8	25	
Chloroform	2780	100	ug/kg	2500		111	75-130	7	20	
Chloromethane	2260	250	ug/kg	2500		90	30-145	9	25	
2-Chlorotoluene	2320	250	ug/kg	2500		93	75-125	6	20	
4-Chlorotoluene	2390	250	ug/kg	2500		96	80-125	5	20	
Dibromochloromethane	2490	100	ug/kg	2500		100	65-145	1	20	
1,2-Dibromo-3-chloropropane	2000	250	ug/kg	2500		80	45-135	6	25	
1,2-Dibromoethane (EDB)	2400	100	ug/kg	2500		96	75-130	0	20	
Dibromomethane	2480	100	ug/kg	2500		99	75-135	3	20	
1,2-Dichlorobenzene	2280	100	ug/kg	2500		91	80-120	5	20	
1,3-Dichlorobenzene	2270	100	ug/kg	2500		91	80-120	7	20	
1,4-Dichlorobenzene	2300	100	ug/kg	2500		92	80-120	5	20	
Dichlorodifluoromethane	1800	250	ug/kg	2500		72	10-160	11	30	
1,1-Dichloroethane	2710	100	ug/kg	2500		108	70-135	8	20	
1,2-Dichloroethane	2820	100	ug/kg	2500		113	60-150	2	25	
1,1-Dichloroethene	2480	250	ug/kg	2500		99	80-145	8	20	
cis-1,2-Dichloroethene	2480	100	ug/kg	2500		99	70-135	8	20	
trans-1,2-Dichloroethene	2540	100	ug/kg	2500		102	70-135	7	20	
1,2-Dichloropropane	2580	100	ug/kg	2500		103	75-125	2	20	
1,3-Dichloropropane	2400	100	ug/kg	2500		96	75-130	2	20	
2,2-Dichloropropane	2790	100	ug/kg	2500		112	70-150	7	20	
1,1-Dichloropropene	2750	100	ug/kg	2500		110	75-130	4	20	
cis-1,3-Dichloropropene	2680	100	ug/kg	2500		107	75-130	2	20	
trans-1,3-Dichloropropene	2690	100	ug/kg	2500		108	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: 4G03014 Extracted: 07/03/04										
LCS Dup Analyzed: 07/07/04 (4G03014-BSD1)										
Ethylbenzene	2630	100	ug/kg	2500		105	80-120	5	20	M-NR
Hexachlorobutadiene	2450	250	ug/kg	2500		98	75-140	5	20	
Isopropylbenzene	2460	100	ug/kg	2500		98	75-125	8	20	
p-Isopropyltoluene	2350	100	ug/kg	2500		94	80-125	7	20	
Methylene chloride	2470	1000	ug/kg	2500		99	60-145	6	20	
Naphthalene	2340	250	ug/kg	2500		94	50-145	5	25	
n-Propylbenzene	2390	100	ug/kg	2500		96	75-130	6	20	
Styrene	2750	100	ug/kg	2500		110	80-135	4	20	
1,1,1,2-Tetrachloroethane	2620	250	ug/kg	2500		105	70-145	5	20	
1,1,2,2-Tetrachloroethane	1800	100	ug/kg	2500		72	60-135	7	25	
Tetrachloroethene	2750	100	ug/kg	2500		110	80-125	7	20	
Toluene	2620	100	ug/kg	2500		105	80-125	4	20	
1,2,3-Trichlorobenzene	2530	250	ug/kg	2500		101	65-135	0	20	
1,2,4-Trichlorobenzene	2610	250	ug/kg	2500		104	70-140	2	20	
1,1,1-Trichloroethane	2840	100	ug/kg	2500		114	75-140	8	20	
1,1,2-Trichloroethane	2440	100	ug/kg	2500		98	70-130	2	20	
Trichloroethene	2900	100	ug/kg	2500		116	80-130	5	20	
Trichlorofluoromethane	2230	250	ug/kg	2500		89	55-145	5	25	
1,2,3-Trichloropropane	2080	500	ug/kg	2500		83	60-130	6	20	
1,2,4-Trimethylbenzene	2430	100	ug/kg	2500		97	80-125	6	20	
1,3,5-Trimethylbenzene	2430	100	ug/kg	2500		97	80-125	5	20	
Vinyl chloride	1850	250	ug/kg	2500		74	10-120	25	30	
o-Xylene	2490	100	ug/kg	2500		100	80-125	6	20	
m,p-Xylenes	5070	100	ug/kg	5000		101	80-120	6	20	
Surrogate: Dibromofluoromethane	2300		ug/kg	2500		92	50-160			
Surrogate: Toluene-d8	2500		ug/kg	2500		100	60-160			
Surrogate: 4-Bromofluorobenzene	2380		ug/kg	2500		95	60-150			

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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: 4G07034 Extracted: 07/07/04										
Blank Analyzed: 07/08/04 (4G07034-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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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	RPD Limit	Data Qualifiers
Batch: 4G07034 Extracted: 07/07/04										
Blank Analyzed: 07/08/04 (4G07034-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	4370		ug/kg	6670		66	25-120			
Surrogate: Phenol-d6	4950		ug/kg	6670		74	30-120			

Del Mar Analytical, Irvine
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 Attention: Mike Reardon

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

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: 4G07034 Extracted: 07/07/04										
Blank Analyzed: 07/08/04 (4G07034-BLK1)										
Surrogate: 2,4,6-Tribromophenol	6040		ug/kg	6670		91	35-120			
Surrogate: Nitrobenzene-d5	2040		ug/kg	3330		61	30-120			
Surrogate: 2-Fluorobiphenyl	2360		ug/kg	3330		71	35-120			
Surrogate: Terphenyl-d14	2550		ug/kg	3330		77	35-155			
LCS Analyzed: 07/08/04 (4G07034-BS1)										
Acenaphthene	2510	330	ug/kg	3330		75	55-120			
Acenaphthylene	2510	330	ug/kg	3330		75	55-120			
Aniline	2510	420	ug/kg	3330		75	30-120			
Anthracene	3020	330	ug/kg	3330		91	55-120			
Benzidine	2960	660	ug/kg	3330		89	10-180			
Benzoic acid	2290	830	ug/kg	3330		69	30-125			
Benzo(a)anthracene	2940	330	ug/kg	3330		88	65-120			
Benzo(b)fluoranthene	2530	330	ug/kg	3330		76	65-120			
Benzo(k)fluoranthene	2320	330	ug/kg	3330		70	60-120			
Benzo(g,h,i)perylene	2620	330	ug/kg	3330		79	25-160			
Benzo(a)pyrene	2530	330	ug/kg	3330		76	60-120			
Benzyl alcohol	2490	330	ug/kg	3330		75	40-130			
Bis(2-chloroethoxy)methane	2610	330	ug/kg	3330		78	50-120			
Bis(2-chloroethyl)ether	2340	170	ug/kg	3330		70	40-120			
Bis(2-chloroisopropyl)ether	2290	330	ug/kg	3330		69	40-120			
Bis(2-ethylhexyl)phthalate	2600	330	ug/kg	3330		78	65-125			
4-Bromophenyl phenyl ether	2830	330	ug/kg	3330		85	50-125			
Butyl benzyl phthalate	2650	330	ug/kg	3330		80	65-120			
4-Chloroaniline	2310	330	ug/kg	3330		69	20-120			
2-Chloronaphthalene	2610	330	ug/kg	3330		78	50-120			
4-Chloro-3-methylphenol	3080	330	ug/kg	3330		92	50-120			
2-Chlorophenol	2330	330	ug/kg	3330		70	45-120			
4-Chlorophenyl phenyl ether	2610	330	ug/kg	3330		78	55-120			
Chrysene	2840	330	ug/kg	3330		85	60-120			
Dibenz(a,h)anthracene	2630	420	ug/kg	3330		79	25-160			
Dibenzofuran	2660	330	ug/kg	3330		80	55-120			
Di-n-butyl phthalate	2830	330	ug/kg	3330		85	60-120			
1,3-Dichlorobenzene	2060	330	ug/kg	3330		62	40-120			
1,4-Dichlorobenzene	1990	330	ug/kg	3330		60	40-120			
1,2-Dichlorobenzene	2010	330	ug/kg	3330		60	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: 4G07034 Extracted: 07/07/04										
LCS Analyzed: 07/08/04 (4G07034-BS1)										
3,3-Dichlorobenzidine	2380	830	ug/kg	3330		71	20-170			
2,4-Dichlorophenol	2790	330	ug/kg	3330		84	55-120			
Diethyl phthalate	2630	330	ug/kg	3330		79	55-120			
2,4-Dimethylphenol	2550	330	ug/kg	3330		77	45-120			
Dimethyl phthalate	2660	330	ug/kg	3330		80	60-120			
4,6-Dinitro-2-methylphenol	3070	420	ug/kg	3330		92	50-120			
2,4-Dinitrophenol	2750	420	ug/kg	3330		83	25-140			
2,4-Dinitrotoluene	3190	330	ug/kg	3330		96	60-140			
2,6-Dinitrotoluene	3210	330	ug/kg	3330		96	60-125			
Di-n-octyl phthalate	3020	330	ug/kg	3330		91	60-135			
Fluoranthene	3120	330	ug/kg	3330		94	55-130			
Fluorene	2850	330	ug/kg	3330		86	55-120			
Hexachlorobenzene	2680	330	ug/kg	3330		80	45-120			
Hexachlorobutadiene	2050	330	ug/kg	3330		62	40-120			
Hexachlorocyclopentadiene	2420	830	ug/kg	3330		73	45-130			
Hexachloroethane	1970	330	ug/kg	3330		59	40-120			
Indeno(1,2,3-cd)pyrene	2760	330	ug/kg	3330		83	25-150			
Isophorone	2540	330	ug/kg	3330		76	45-120			
2-Methylnaphthalene	2510	330	ug/kg	3330		75	50-120			
2-Methylphenol	2500	330	ug/kg	3330		75	50-120			
4-Methylphenol	2460	330	ug/kg	3330		74	50-120			
Naphthalene	2320	330	ug/kg	3330		70	45-120			
2-Nitroaniline	3140	330	ug/kg	3330		94	55-130			
3-Nitroaniline	2660	330	ug/kg	3330		80	40-140			
4-Nitroaniline	3200	830	ug/kg	3330		96	40-160			
Nitrobenzene	2370	330	ug/kg	3330		71	45-120			
2-Nitrophenol	2730	330	ug/kg	3330		82	50-120			
4-Nitrophenol	2760	830	ug/kg	3330		83	45-135			
N-Nitrosodiphenylamine	2600	330	ug/kg	3330		78	55-120			
N-Nitroso-di-n-propylamine	2360	250	ug/kg	3330		71	45-120			
Pentachlorophenol	3360	830	ug/kg	3330		101	50-120			
Phenanthrene	2960	330	ug/kg	3330		89	55-120			
Phenol	2370	330	ug/kg	3330		71	45-120			
Pyrene	2610	330	ug/kg	3330		78	50-120			
1,2,4-Trichlorobenzene	2320	330	ug/kg	3330		70	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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G07034 Extracted: 07/07/04										
LCS Analyzed: 07/08/04 (4G07034-BS1)										
2,4,5-Trichlorophenol	2950	330	ug/kg	3330		89	55-120			
2,4,6-Trichlorophenol	2820	330	ug/kg	3330		85	55-120			
1,2-Diphenylhydrazine/Azobenzene	2900	330	ug/kg	3330		87	60-120			
Surrogate: 2-Fluorophenol	4460		ug/kg	6670		67	25-120			
Surrogate: Phenol-d6	5100		ug/kg	6670		76	30-120			
Surrogate: 2,4,6-Tribromophenol	6600		ug/kg	6670		99	35-120			
Surrogate: Nitrobenzene-d5	2360		ug/kg	3330		71	30-120			
Surrogate: 2-Fluorobiphenyl	2430		ug/kg	3330		73	35-120			
Surrogate: Terphenyl-d14	2750		ug/kg	3330		83	35-155			
Matrix Spike Analyzed: 07/08/04 (4G07034-MS1)										
Source: INF1487-25										
Acenaphthene	2660	330	ug/kg	3330	ND	80	45-120			
Acenaphthylene	2650	330	ug/kg	3330	ND	80	45-120			
Aniline	2140	420	ug/kg	3330	ND	64	30-120			
Anthracene	3100	330	ug/kg	3330	ND	93	55-120			
Benzidine	497	660	ug/kg	3330	ND	15	10-180			
Benzoic acid	2110	830	ug/kg	3330	ND	63	20-125			
Benzo(a)anthracene	3090	330	ug/kg	3330	ND	93	55-120			
Benzo(b)fluoranthene	2490	330	ug/kg	3330	ND	75	65-120			
Benzo(k)fluoranthene	2410	330	ug/kg	3330	ND	72	55-120			
Benzo(g,h,i)perylene	2660	330	ug/kg	3330	ND	80	25-160			
Benzo(a)pyrene	2450	330	ug/kg	3330	ND	74	60-120			
Benzyl alcohol	2540	330	ug/kg	3330	ND	76	40-130			
Bis(2-chloroethoxy)methane	2580	330	ug/kg	3330	ND	77	45-120			
Bis(2-chloroethyl)ether	2380	170	ug/kg	3330	ND	71	40-120			
Bis(2-chloroisopropyl)ether	2320	330	ug/kg	3330	ND	70	40-120			
Bis(2-ethylhexyl)phthalate	2740	330	ug/kg	3330	ND	82	60-135			
4-Bromophenyl phenyl ether	2850	330	ug/kg	3330	ND	86	50-125			
Butyl benzyl phthalate	2880	330	ug/kg	3330	ND	86	55-150			
4-Chloroaniline	1920	330	ug/kg	3330	ND	58	20-120			
2-Chloronaphthalene	2760	330	ug/kg	3330	ND	83	55-120			
4-Chloro-3-methylphenol	2820	330	ug/kg	3330	ND	85	45-125			
2-Chlorophenol	2320	330	ug/kg	3330	ND	70	40-120			
4-Chlorophenyl phenyl ether	2630	330	ug/kg	3330	ND	79	55-120			
Chrysene	3010	330	ug/kg	3330	ND	90	60-120			
Dibenz(a,h)anthracene	2780	420	ug/kg	3330	ND	83	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: 4G07034 Extracted: 07/07/04										
Matrix Spike Analyzed: 07/08/04 (4G07034-MS1)					Source: INF1487-25					
Dibenzofuran	2810	330	ug/kg	3330	ND	84	55-120			
Di-n-butyl phthalate	2830	330	ug/kg	3330	ND	85	60-120			
1,3-Dichlorobenzene	2120	330	ug/kg	3330	ND	64	35-120			
1,4-Dichlorobenzene	2060	330	ug/kg	3330	ND	62	40-120			
1,2-Dichlorobenzene	2120	330	ug/kg	3330	ND	64	40-120			
3,3-Dichlorobenzidine	2190	830	ug/kg	3330	ND	66	20-170			
2,4-Dichlorophenol	2560	330	ug/kg	3330	ND	77	40-120			
Diethyl phthalate	2680	330	ug/kg	3330	ND	80	55-120			
2,4-Dimethylphenol	1990	330	ug/kg	3330	ND	60	35-120			
Dimethyl phthalate	2810	330	ug/kg	3330	ND	84	50-120			
4,6-Dinitro-2-methylphenol	2930	420	ug/kg	3330	ND	88	40-120			
2,4-Dinitrophenol	2720	420	ug/kg	3330	ND	82	20-140			
2,4-Dinitrotoluene	3460	330	ug/kg	3330	ND	104	55-140			
2,6-Dinitrotoluene	3080	330	ug/kg	3330	ND	92	55-125			
Di-n-octyl phthalate	3100	330	ug/kg	3330	ND	93	45-140			
Fluoranthene	3070	330	ug/kg	3330	ND	92	45-130			
Fluorene	2880	330	ug/kg	3330	ND	86	55-120			
Hexachlorobenzene	2730	330	ug/kg	3330	ND	82	35-120			
Hexachlorobutadiene	2120	330	ug/kg	3330	ND	64	40-120			
Hexachlorocyclopentadiene	2560	830	ug/kg	3330	ND	77	30-145			
Hexachloroethane	1990	330	ug/kg	3330	ND	60	40-120			
Indeno(1,2,3-cd)pyrene	2850	330	ug/kg	3330	ND	86	25-150			
Isophorone	2530	330	ug/kg	3330	ND	76	40-120			
2-Methylnaphthalene	2380	330	ug/kg	3330	ND	71	40-120			
2-Methylphenol	2250	330	ug/kg	3330	ND	68	40-120			
4-Methylphenol	2300	330	ug/kg	3330	ND	69	40-120			
Naphthalene	2320	330	ug/kg	3330	ND	70	40-120			
2-Nitroaniline	3420	330	ug/kg	3330	ND	103	55-130			
3-Nitroaniline	2570	330	ug/kg	3330	ND	77	40-140			
4-Nitroaniline	3190	830	ug/kg	3330	ND	96	40-160			
Nitrobenzene	2330	330	ug/kg	3330	ND	70	45-120			
2-Nitrophenol	2720	330	ug/kg	3330	ND	82	40-120			
4-Nitrophenol	2660	830	ug/kg	3330	ND	80	35-135			
N-Nitrosodiphenylamine	2730	330	ug/kg	3330	ND	82	55-120			
N-Nitroso-di-n-propylamine	2480	250	ug/kg	3330	ND	74	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: 4G07034 Extracted: 07/07/04										
Matrix Spike Analyzed: 07/08/04 (4G07034-MS1)					Source: INF1487-25					
Pentachlorophenol	3020	830	ug/kg	3330	ND	91	40-120			
Phenanthrene	2860	330	ug/kg	3330	ND	86	55-120			
Phenol	2280	330	ug/kg	3330	ND	68	40-120			
Pyrene	2720	330	ug/kg	3330	ND	82	50-120			
1,2,4-Trichlorobenzene	2210	330	ug/kg	3330	ND	66	45-120			
2,4,5-Trichlorophenol	3200	330	ug/kg	3330	ND	96	55-120			
2,4,6-Trichlorophenol	2760	330	ug/kg	3330	ND	83	40-120			
1,2-Diphenylhydrazine/Azobenzene	2910	330	ug/kg	3330	ND	87	60-120			
Surrogate: 2-Fluorophenol	4140		ug/kg	6670		62	25-120			
Surrogate: Phenol-d6	4510		ug/kg	6670		68	30-120			
Surrogate: 2,4,6-Tribromophenol	5540		ug/kg	6670		83	35-120			
Surrogate: Nitrobenzene-d5	2250		ug/kg	3330		68	30-120			
Surrogate: 2-Fluorobiphenyl	2490		ug/kg	3330		75	35-120			
Surrogate: Terphenyl-d14	2690		ug/kg	3330		81	35-155			
Matrix Spike Dup Analyzed: 07/08/04 (4G07034-MSD1)					Source: INF1487-25					
Acenaphthene	2220	330	ug/kg	3330	ND	67	45-120	18	20	
Acenaphthylene	2160	330	ug/kg	3330	ND	65	45-120	20	20	
Aniline	1880	420	ug/kg	3330	ND	56	30-120	13	25	
Anthracene	2570	330	ug/kg	3330	ND	77	55-120	19	20	
Benidine	ND	660	ug/kg	3330	ND		10-180		25	M2
Benzoic acid	1840	830	ug/kg	3330	ND	55	20-125	14	25	
Benzo(a)anthracene	2680	330	ug/kg	3330	ND	80	55-120	14	20	
Benzo(b)fluoranthene	2250	330	ug/kg	3330	ND	68	65-120	10	20	
Benzo(k)fluoranthene	1990	330	ug/kg	3330	ND	60	55-120	19	20	
Benzo(g,h,i)perylene	2220	330	ug/kg	3330	ND	67	25-160	18	25	
Benzo(a)pyrene	2200	330	ug/kg	3330	ND	66	60-120	11	20	
Benzyl alcohol	2140	330	ug/kg	3330	ND	64	40-130	17	25	
Bis(2-chloroethoxy)methane	2390	330	ug/kg	3330	ND	72	45-120	8	20	
Bis(2-chloroethyl)ether	2080	170	ug/kg	3330	ND	62	40-120	13	25	
Bis(2-chloroisopropyl)ether	2000	330	ug/kg	3330	ND	60	40-120	15	25	
Bis(2-ethylhexyl)phthalate	2420	330	ug/kg	3330	ND	73	60-135	12	20	
4-Bromophenyl phenyl ether	2340	330	ug/kg	3330	ND	70	50-125	20	20	
Butyl benzyl phthalate	2480	330	ug/kg	3330	ND	74	55-150	15	20	
4-Chloroaniline	1820	330	ug/kg	3330	ND	55	20-120	5	25	
2-Chloronaphthalene	2190	330	ug/kg	3330	ND	66	55-120	23	20	R

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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: 4G07034 Extracted: 07/07/04										
Matrix Spike Dup Analyzed: 07/08/04 (4G07034-MSD1)					Source: INF1487-25					
4-Chloro-3-methylphenol	2440	330	ug/kg	3330	ND	73	45-125	14	20	
2-Chlorophenol	2010	330	ug/kg	3330	ND	60	40-120	14	20	
4-Chlorophenyl phenyl ether	2220	330	ug/kg	3330	ND	67	55-120	17	20	
Chrysene	2740	330	ug/kg	3330	ND	82	60-120	9	20	
Dibenz(a,h)anthracene	2330	420	ug/kg	3330	ND	70	25-160	18	25	
Dibenzofuran	2260	330	ug/kg	3330	ND	68	55-120	22	20	R
Di-n-butyl phthalate	2520	330	ug/kg	3330	ND	76	60-120	12	20	
1,3-Dichlorobenzene	1770	330	ug/kg	3330	ND	53	35-120	18	25	
1,4-Dichlorobenzene	1820	330	ug/kg	3330	ND	55	40-120	12	25	
1,2-Dichlorobenzene	1820	330	ug/kg	3330	ND	55	40-120	15	20	
3,3-Dichlorobenzidine	1860	830	ug/kg	3330	ND	56	20-170	16	25	
2,4-Dichlorophenol	2350	330	ug/kg	3330	ND	71	40-120	9	20	
Diethyl phthalate	2290	330	ug/kg	3330	ND	69	55-120	16	20	
2,4-Dimethylphenol	1770	330	ug/kg	3330	ND	53	35-120	12	25	
Dimethyl phthalate	2400	330	ug/kg	3330	ND	72	50-120	16	20	
4,6-Dinitro-2-methylphenol	2640	420	ug/kg	3330	ND	79	40-120	10	20	
2,4-Dinitrophenol	2460	420	ug/kg	3330	ND	74	20-140	10	25	
2,4-Dinitrotoluene	2890	330	ug/kg	3330	ND	87	55-140	18	20	
2,6-Dinitrotoluene	2820	330	ug/kg	3330	ND	85	55-125	9	20	
Di-n-octyl phthalate	2650	330	ug/kg	3330	ND	80	45-140	16	20	
Fluoranthene	2600	330	ug/kg	3330	ND	78	45-130	17	20	
Fluorene	2460	330	ug/kg	3330	ND	74	55-120	16	20	
Hexachlorobenzene	2340	330	ug/kg	3330	ND	70	35-120	15	25	
Hexachlorobutadiene	1770	330	ug/kg	3330	ND	53	40-120	18	20	
Hexachlorocyclopentadiene	2220	830	ug/kg	3330	ND	67	30-145	14	30	
Hexachloroethane	1740	330	ug/kg	3330	ND	52	40-120	13	20	
Indeno(1,2,3-cd)pyrene	2350	330	ug/kg	3330	ND	71	25-150	19	25	
Isophorone	2260	330	ug/kg	3330	ND	68	40-120	11	20	
2-Methylnaphthalene	2080	330	ug/kg	3330	ND	62	40-120	13	20	
2-Methylphenol	1910	330	ug/kg	3330	ND	57	40-120	16	20	
4-Methylphenol	1960	330	ug/kg	3330	ND	59	40-120	16	20	
Naphthalene	1990	330	ug/kg	3330	ND	60	40-120	15	20	
2-Nitroaniline	2700	330	ug/kg	3330	ND	81	55-130	24	20	R
3-Nitroaniline	2120	330	ug/kg	3330	ND	64	40-140	19	25	
4-Nitroaniline	2730	830	ug/kg	3330	ND	82	40-160	16	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 Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G07034 Extracted: 07/07/04										
Matrix Spike Dup Analyzed: 07/08/04 (4G07034-MSD1)					Source: INF1487-25					
Nitrobenzene	2100	330	ug/kg	3330	ND	63	45-120	10	20	
2-Nitrophenol	2440	330	ug/kg	3330	ND	73	40-120	11	20	
4-Nitrophenol	2220	830	ug/kg	3330	ND	67	35-135	18	25	
N-Nitrosodiphenylamine	2290	330	ug/kg	3330	ND	69	55-120	18	20	
N-Nitroso-di-n-propylamine	2080	250	ug/kg	3330	ND	62	40-120	18	20	
Pentachlorophenol	2520	830	ug/kg	3330	ND	76	40-120	18	20	
Phenanthrene	2400	330	ug/kg	3330	ND	72	55-120	17	20	
Phenol	1980	330	ug/kg	3330	ND	59	40-120	14	20	
Pyrene	2410	330	ug/kg	3330	ND	72	50-120	12	20	
1,2,4-Trichlorobenzene	1960	330	ug/kg	3330	ND	59	45-120	12	20	
2,4,5-Trichlorophenol	2560	330	ug/kg	3330	ND	77	55-120	22	20	R
2,4,6-Trichlorophenol	2500	330	ug/kg	3330	ND	75	40-120	10	20	
1,2-Diphenylhydrazine/Azobenzene	2630	330	ug/kg	3330	ND	79	60-120	10	20	
Surrogate: 2-Fluorophenol	3410		ug/kg	6670		51	25-120			
Surrogate: Phenol-d6	4130		ug/kg	6670		62	30-120			
Surrogate: 2,4,6-Tribromophenol	4850		ug/kg	6670		73	35-120			
Surrogate: Nitrobenzene-d5	2050		ug/kg	3330		62	30-120			
Surrogate: 2-Fluorobiphenyl	2170		ug/kg	3330		65	35-120			
Surrogate: Terphenyl-d14	2480		ug/kg	3330		74	35-155			

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METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G06031 Extracted: 07/06/04										
Blank Analyzed: 07/07/04 (4G06031-BLK1)										
Aldrin	ND	5.0	ug/kg							
alpha-BHC	ND	5.0	ug/kg							
beta-BHC	ND	5.0	ug/kg							
delta-BHC	ND	10	ug/kg							
gamma-BHC (Lindane)	ND	5.0	ug/kg							
Chlordane	ND	50	ug/kg							
4,4'-DDD	ND	5.0	ug/kg							
4,4'-DDE	ND	5.0	ug/kg							
4,4'-DDT	ND	5.0	ug/kg							
Dieldrin	ND	5.0	ug/kg							
Endosulfan I	ND	5.0	ug/kg							
Endosulfan II	ND	5.0	ug/kg							
Endosulfan sulfate	ND	10	ug/kg							
Endrin	ND	5.0	ug/kg							
Endrin aldehyde	ND	5.0	ug/kg							
Endrin ketone	ND	5.0	ug/kg							
Heptachlor	ND	5.0	ug/kg							
Heptachlor epoxide	ND	5.0	ug/kg							
Methoxychlor	ND	5.0	ug/kg							
Toxaphene	ND	200	ug/kg							
Surrogate: Tetrachloro-m-xylene	23.9		ug/kg	33.3		72	35-115			
Surrogate: Decachlorobiphenyl	32.3		ug/kg	33.3		97	45-120			

LCS Analyzed: 07/07/04 (4G06031-BS1)

M-NR

Aldrin	25.2	5.0	ug/kg	33.3		76	50-115			
alpha-BHC	24.1	5.0	ug/kg	33.3		72	55-115			
beta-BHC	25.3	5.0	ug/kg	33.3		76	55-115			
delta-BHC	28.0	10	ug/kg	33.3		84	60-115			
gamma-BHC (Lindane)	24.5	5.0	ug/kg	33.3		74	50-115			
4,4'-DDD	26.7	5.0	ug/kg	33.3		80	60-115			
4,4'-DDE	26.9	5.0	ug/kg	33.3		81	60-115			
4,4'-DDT	28.7	5.0	ug/kg	33.3		86	65-120			
Dieldrin	26.4	5.0	ug/kg	33.3		79	60-115			
Endosulfan I	25.7	5.0	ug/kg	33.3		77	60-115			
Endosulfan II	26.3	5.0	ug/kg	33.3		79	60-115			
Endosulfan sulfate	26.2	10	ug/kg	33.3		79	65-115			

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METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G06031 Extracted: 07/06/04										
LCS Analyzed: 07/07/04 (4G06031-BS1)										
Endrin	26.9	5.0	ug/kg	33.3		81	60-115			M-NR
Endrin aldehyde	29.3	5.0	ug/kg	33.3		88	55-115			
Endrin ketone	26.3	5.0	ug/kg	33.3		79	60-115			
Heptachlor	25.4	5.0	ug/kg	33.3		76	50-115			
Heptachlor epoxide	25.1	5.0	ug/kg	33.3		75	55-115			
Methoxychlor	28.4	5.0	ug/kg	33.3		85	60-120			
Surrogate: Tetrachloro-m-xylene	21.1		ug/kg	33.3		63	35-115			
Surrogate: Decachlorobiphenyl	29.1		ug/kg	33.3		87	45-120			

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POLYCHLORINATED BIPHENYLS (EPA 8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G06031 Extracted: 07/06/04										
Blank Analyzed: 07/08/04 (4G06031-BLK2)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	27.6		ug/kg	33.3		83	45-120			
LCS Analyzed: 07/08/04 (4G06031-BS2)										
Aroclor 1016	232	50	ug/kg	267		87	55-115			M-NR
Aroclor 1260	252	50	ug/kg	267		94	55-115			
Surrogate: Decachlorobiphenyl	27.1		ug/kg	33.3		81	45-120			

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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: 4G01084 Extracted: 07/01/04										
Blank Analyzed: 07/02/04 (4G01084-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: 07/02/04 (4G01084-BS1)										
Antimony	46.1	10	mg/kg	50.0		92	80-120			
Arsenic	45.2	2.0	mg/kg	50.0		90	80-120			
Barium	46.6	1.0	mg/kg	50.0		93	80-120			
Beryllium	45.4	0.50	mg/kg	50.0		91	80-120			
Cadmium	45.0	0.50	mg/kg	50.0		90	80-120			
Chromium	46.7	1.0	mg/kg	50.0		93	80-120			
Cobalt	44.8	1.0	mg/kg	50.0		90	80-120			
Copper	45.0	2.0	mg/kg	50.0		90	80-120			
Lead	46.8	2.0	mg/kg	50.0		94	80-120			
Molybdenum	45.4	2.0	mg/kg	50.0		91	80-120			
Nickel	46.0	2.0	mg/kg	50.0		92	80-120			
Selenium	42.4	2.0	mg/kg	50.0		85	80-120			
Silver	22.7	1.0	mg/kg	25.0		91	80-120			
Thallium	45.4	10	mg/kg	50.0		91	80-120			
Vanadium	45.8	1.0	mg/kg	50.0		92	80-120			
Zinc	44.2	5.0	mg/kg	50.0		88	80-120			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G01084 Extracted: 07/01/04										
Matrix Spike Analyzed: 07/02/04 (4G01084-MS1)					Source: INF1826-07					
Antimony	30.8	10	mg/kg	50.0	0.82	60	75-125			M2
Arsenic	48.6	2.0	mg/kg	50.0	2.5	92	75-125			
Barium	63.3	1.0	mg/kg	50.0	17	93	75-125			
Beryllium	45.8	0.50	mg/kg	50.0	0.17	91	75-125			
Cadmium	44.9	0.50	mg/kg	50.0	0.15	90	75-125			
Chromium	54.7	1.0	mg/kg	50.0	7.3	95	75-125			
Cobalt	45.8	1.0	mg/kg	50.0	1.8	88	75-125			
Copper	50.1	2.0	mg/kg	50.0	3.4	93	75-125			
Lead	48.9	2.0	mg/kg	50.0	2.1	94	75-125			
Molybdenum	46.5	2.0	mg/kg	50.0	1.2	91	75-125			
Nickel	49.3	2.0	mg/kg	50.0	4.2	90	75-125			
Selenium	43.1	2.0	mg/kg	50.0	ND	86	75-125			
Silver	23.1	1.0	mg/kg	25.0	ND	92	75-125			
Thallium	45.4	10	mg/kg	50.0	ND	91	75-125			
Vanadium	60.4	1.0	mg/kg	50.0	13	95	75-125			
Zinc	62.1	5.0	mg/kg	50.0	17	90	75-125			
Matrix Spike Dup Analyzed: 07/02/04 (4G01084-MSD1)					Source: INF1826-07					
Antimony	27.5	10	mg/kg	50.0	0.82	53	75-125	11	20	M2
Arsenic	48.2	2.0	mg/kg	50.0	2.5	91	75-125	1	20	
Barium	63.4	1.0	mg/kg	50.0	17	93	75-125	0	20	
Beryllium	45.0	0.50	mg/kg	50.0	0.17	90	75-125	2	20	
Cadmium	44.3	0.50	mg/kg	50.0	0.15	88	75-125	1	20	
Chromium	54.0	1.0	mg/kg	50.0	7.3	93	75-125	1	20	
Cobalt	45.0	1.0	mg/kg	50.0	1.8	86	75-125	2	20	
Copper	49.4	2.0	mg/kg	50.0	3.4	92	75-125	1	20	
Lead	48.2	2.0	mg/kg	50.0	2.1	92	75-125	1	20	
Molybdenum	45.7	2.0	mg/kg	50.0	1.2	89	75-125	2	20	
Nickel	48.7	2.0	mg/kg	50.0	4.2	89	75-125	1	20	
Selenium	43.0	2.0	mg/kg	50.0	ND	86	75-125	0	20	
Silver	22.8	1.0	mg/kg	25.0	ND	91	75-125	1	20	
Thallium	44.8	10	mg/kg	50.0	ND	90	75-125	1	20	
Vanadium	60.1	1.0	mg/kg	50.0	13	94	75-125	1	20	
Zinc	61.2	5.0	mg/kg	50.0	17	88	75-125	1	20	

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G02051 Extracted: 07/02/04										
Blank Analyzed: 07/02/04 (4G02051-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 07/02/04 (4G02051-BS1)										
Mercury	0.800	0.020	mg/kg	0.800		100	85-120			
Matrix Spike Analyzed: 07/02/04 (4G02051-MS1) Source: INF1826-07										
Mercury	0.875	0.020	mg/kg	0.800	0.059	102	65-135			
Matrix Spike Dup Analyzed: 07/02/04 (4G02051-MSD1) Source: INF1826-07										
Mercury	0.849	0.020	mg/kg	0.800	0.059	99	65-135	3	20	
Batch: 4G02070 Extracted: 07/02/04										
Blank Analyzed: 07/02/04 (4G02070-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 07/02/04 (4G02070-BS1)										
Mercury	0.834	0.020	mg/kg	0.800		104	85-120			
Matrix Spike Analyzed: 07/02/04 (4G02070-MS1) Source: INF1732-03										
Mercury	0.878	0.020	mg/kg	0.800	0.017	108	65-135			
Matrix Spike Dup Analyzed: 07/02/04 (4G02070-MSD1) Source: INF1732-03										
Mercury	0.880	0.020	mg/kg	0.800	0.017	108	65-135	0	20	

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METHOD BLANK/QC DATA

ORGANIC LEAD BY GFAA (HML 939-M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 4G06084 Extracted: 07/06/04										
Blank Analyzed: 07/07/04 (4G06084-BLK1)										
Organic Lead	ND	25	ug/kg							
LCS Analyzed: 07/07/04 (4G06084-BS1)										
Organic Lead	106	25	ug/kg	100		106	80-120			
Matrix Spike Analyzed: 07/07/04 (4G06084-MS1)										
Organic Lead	106	25	ug/kg	100	ND	106	80-120			
Matrix Spike Dup Analyzed: 07/07/04 (4G06084-MSD1)										
Organic Lead	109	25	ug/kg	100	ND	109	80-120	3	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F30075 Extracted: 06/30/04										
Blank Analyzed: 07/01/04 (4F30075-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 07/01/04 (4F30075-BS1)										
Chromium VI	4.13	0.20	mg/kg	5.00		83	65-110			
Matrix Spike Analyzed: 07/01/04 (4F30075-MS1)										
Chromium VI	ND	0.20	mg/kg	5.00	0.023	-1	55-110			M2
Matrix Spike Dup Analyzed: 07/01/04 (4F30075-MSD1)										
Chromium VI	ND	0.20	mg/kg	5.00	0.023	-1	55-110	20		M2
Batch: 4F30079 Extracted: 06/30/04										
Duplicate Analyzed: 06/30/04 (4F30079-DUP1)										
pH	8.00	NA	pH Units		8.00			0	5	
Batch: 4G01074 Extracted: 07/01/04										
Blank Analyzed: 07/01/04 (4G01074-BLK1)										
Oil & Grease	ND	5.0	mg/kg							
LCS Analyzed: 07/01/04 (4G01074-BS1)										
Oil & Grease	18.1	5.0	mg/kg	20.0		90	55-130			
Matrix Spike Analyzed: 07/01/04 (4G01074-MS1)										
Oil & Grease	279	15	mg/kg	60.0	410	-218	35-130			M2

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G01074 Extracted: 07/01/04										
Matrix Spike Dup Analyzed: 07/01/04 (4G01074-MSD1)					Source: INF1737-10					
Oil & Grease	123	15	mg/kg	60.0	410	-478	35-130	78	25	M2, R-3

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GC CALIBRATION CHECK CRITERIA

Per Method 8000B of SW-846, the percent recovery of the calibration checks for GC analyses must be within $\pm 15\%$ from the true value for each individual compound or the average % recovery of all compounds in the calibration check solution must be within $\pm 15\%$ recovery. Per Method 8000B, the end user is to be notified if the latter situation occurs.

The % recovery for the following individual compounds fell outside the $\pm 15\%$ criteria, however the average % recovery of all compounds in the calibration check solution was within $\pm 15\%$, thus meeting the overall calibration check criteria.

<u>Compound</u>	<u>Footnote</u>	<u>Calibration Check % Recovery</u>	<u>Lab Number</u>	<u>Batch</u>
4,4'-DDT	2	75	INF1826-05	4G06031
4,4'-DDT	2	75	INF1826-07	4G06031
4,4'-DDT	2	75	INF1826-08	4G06031
Methoxychlor	2	79	INF1826-05	4G06031
Methoxychlor	2	79	INF1826-07	4G06031
Methoxychlor	2	79	INF1826-08	4G06031

Footnotes:

- 1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.
- 2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result

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DATA QUALIFIERS AND DEFINITIONS

- C-2** Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
- 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-NR** No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
- 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-3** The RPD exceeded the method control limit due to sample matrix effects.
- RL-1** Reporting limit raised due to sample matrix effects.
- Z2** Surrogate recovery was above the acceptance limits. Data not impacted.
- 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
Kathleen A. Robb
Project Manager



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

Project ID: SB0202/31H

Report Number: INF1826

Sampled: 06/29/04
 Received: 06/29/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 3545/8081A	Soil	X	X
EPA 3545/8082	Soil	X	X
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
HML 939-M	Soil		
SW846 7.1.2	Soil		
SW846 7.3.2.1	Soil		X
SW-846 9095A	Soil		

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.

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



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
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 9530 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9566 FAX (619) 505-9689

CHAIN OF CUSTODY FORM

Client Name/Address:		Project/PO Number:		Analysis Required		Special Instructions
Geo Syntec Consultants 2100 Main St. #150 Huntington Beach, CA 92648		A-Scm LF SBOZ02-31H		Project List EPA 9095 EPA 8260 9095		
Project Manager:		Phone Number:		Date/Time:		Turnaround Time: (Check)
Mike Reardon		(714) 969-0800		6/29/04 1650		
Sampler:		Fax Number:		Date/Time:		Sample Integrity: (Check)
Duygu Tokat		(714) 7690820		6/29/04 1722		
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives
PNL-F3-15-EC	Soil	Encore	3	6-29-04	0850	N/A
PNL-F3-14.5	Soil	String	1	6-29-04	0850	N/A
PNL-F18-9.5	Soil	String	1	6-29-04	115	N/A
PNL-F18-12	Soil	String	1	6-29-04	11:35	N/A
PNL-F17-10	Soil	String	1	6-29-04	13:10	NA
PNL-F21-9.5	Soil	String	1	6-29-04	14:15	NA
PNL-F21-11.5	Soil	String	1	6-29-04	14:25	NA
PNL-F27-8.5	Soil	String	1	6-29-04	15:53	NA
<p>Received by: <i>[Signature]</i> Date/Time: 6/29/04 1650</p> <p>Received by: <i>[Signature]</i> Date/Time: 6/29/04 1722</p> <p>Received in Lab by: <i>[Signature]</i> Date/Time: 6/29/04 1722</p>						
<p>Relinquished By: <i>[Signature]</i> Date/Time: 6/29/04 1650</p> <p>Relinquished By: <i>[Signature]</i> Date/Time: 6/29/04 1722</p> <p>Relinquished By: <i>[Signature]</i> Date/Time: 6/29/04 1722</p>						
<p>please run project list 9095 for all samples except Encore. All samples are discrete samples. 8260 takes priority.</p>						

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

INF 1826
~~INF 5846~~

Volatile Organic Compounds (VOCs) ⁽¹⁾	EPA 8260B	18
Semi-Volatile Organic Compounds (SVOCs)/ Polyaromatic Hydrocarbons (PAHs) ⁽¹⁾	EPA 8270C	18
Hexavalent Chromium ⁽¹⁾	EPA 7199	18
Organic Lead ⁽¹⁾	DHS Luft	18
Organochlorine Pesticides	EPA 8081	18
Polychlorinated bi-phenyls (PCBs)	EPA 8082	18
California Title 22 Metals ⁽¹⁾	EPA 6010B/7471A	18
Total Petroleum Hydrocarbons as Gasoline (TPHg) C6-C12, C13-C40	EPA 8015M	18
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA 418.1	18
Oil & Grease	EPA 413.2	18
Corrosivity	EPA 9045C Solid/9040 Liquid	18
Reactivity	SW 846 7.3.2.1	18
Ignitability	SW 846 7.1.2	18